2 °C and SDGs: united they stand, divided they fall?

Supplementary Information

Christoph von Stechow^{1,2,3,a}, Jan C Minx^{1,2,4}, Keywan Riahi^{5,6}, Jessica Jewell⁵, David L McCollum⁵, Max W Callaghan⁴, Christoph Bertram², Gunnar Luderer², Giovanni **Baiocchi**⁷

- ¹Mercator Research Institute on Global Commons and Climate Change, 10829 Berlin, Germany
- ² Potsdam Institute for Climate Impact Research, 14412 Potsdam, Germany
- ³ Department of Economics of Climate Change, Technical University Berlin, 10623 Berlin, Germany
- ⁴ Hertie School of Governance, 10117 Berlin, Germany
 ⁵ International Institute for Applied Systems Analysis, A-2361 Laxenburg, Austria
- ⁶ Institute of Thermal Engineering, Graz University of Technology, A-8010 Graz, Austria
- ⁷ Department of Geographical Sciences, University of Maryland, College Park, MD 20742, US

^a E-mail: stechow@mcc-berlin.net

Table of Contents

1	Integra	ted energy-economy-climate models	3
2	Discussi sustaina	ion of the limitations of integrated models to address implications for non-clin ability objectives	1ate 5
3	Linking associat	g energy-related SDGs and other sustainable energy objectives to SD risks and indicators based on integrated model results	and 8
	8.1 Lin	king SD risks to energy-related SDGs and other sustainable energy objectives	8
	3.1.1	Bioenergy expansion and food security (SDG 2)	9
	3.1.2	Air pollutant concentration and health via air quality (SDG 3.9)	9
	3.1.3	Energy price growth and energy access (SDG 7)	10
	3.1.4	Mitigation cost growth and economic growth (SDG 8.1)	11
	3.1.5	Stranded fossil investment and full employment (SDG 8.3)	11
	3.1.6	Wind & PV grid integration and resilient infrastructure (SDG 9)	12
	3.1.7	Energy security	13
	3.1.8	Peaceful use of nuclear power	13
	3.1.9	Environmental risks of CCS chain and sustainable production (SDG 12.4)	14
	3.1.10	Peak atmospheric CO ₂ concentration and minimization of ocean acidifica (SDG 14.3)	tion 14
	3.2 Lin	king indicators calculated from integrated model variables to SD risk dimensions	15
	3.2.1	Maximum decadal economic growth reduction	16
	3.2.2	Maximum decadal energy price growth	16
	3.2.3	Idle coal capacity per year	17
	3.2.4	CO ₂ captured and stored per year	18
	3.2.5	Nuclear capacity expansion in Newcomer countries	18
	3.2.6	Biomass supply for energy per year	19
	3.2.7	Maximum decadal PV and wind capacity upscaling	19
	3.2.8	Cumulative CO ₂ emissions	20
	3.2.9	Cumulative SO ₂ and BC emissions	21
	3.2.10	Cumulative global oil trade	21
	3.2.11	Cumulative oil extraction	22
	3.2.12	Fuel diversity of transport sector	22
4	AMPEI	RE model inter-comparison project	24
5	Suppler	nentary figures	27
6	Acrony	ms and definitions	36
7	Referen	ices	38

The supplementary information (SI) is structured as follows: SI section 1 provides a brief introduction into energy-economy-climate models, their differences and the rationale for model inter-comparison projects. SI section 2 gives an overview of important limitations of integrated models to address implications for some non-climate sustainability objectives. SI section 3 explains the link between a set of energy-related SDGs and other sustainable energy objectives, SD risks and associated indicators used in the analysis. SI section 4 lays out the main advantages of the model inter-comparison project AMPERE for such analysis. Supplementary figures and data are shown in SI section 5.

1 Integrated energy-economy-climate models

Integrated energy-economy-climate models, also often referred to as Integrated Assessment Models (IAMs), are computer-based tools to better understand the interactions between the economy, energy (in physical and economic terms) and often land-use systems as well as their effects on climate change. To explore the implications of alternative pathways in a range of plausible environments, they integrate insights from different disciplines and draw on models of both biogeophysical and human processes over long time horizons (Hourcade *et al* 2006, van Vuuren *et al* 2009, Edenhofer *et al* 2014). For example, they use information about energy resources, technologies, and investments as well as (land-use) emissions. The scenario results on which this letter's analysis is based are derived from seven different integrated energy-economy-climate models that took part in the AMPERE project (see SI section 4). They span a diversity of modelling approaches with respect to functional structures and parametric assumptions (Riahi *et al* 2015). Table S1 summarizes some of the main differences across the different models to the extent that they are relevant for our analysis. Please refer to Riahi *et al* (2015), the AMPERE website (http://ampere-project.eu) and the AMPERE scenario database for further information on the individual models and the scenario results they supplied.

The IAM community regularly organizes model inter-comparison projects in which efforts are made to harmonize key input parameters and to make model outputs comparable (Kriegler *et al* 2015b, Weyant *et al* 2006). As differences persist, a range of outcomes is plausible (Kriegler *et al* 2015a). To understand which results are robust across different models, we follow the approach of comparing results from multiple models in this letter. To circumvent climate system uncertainties with respect to the temperature response due to a given GHG emission scenario, the integrated models considered here usually calculate mitigation scenarios whose emission pathways meet different atmospheric CO_2eq concentrations or carbon budgets by 2100. The uncertainty reflected in their results (represented by the ranges in figures 1-4 and S3-S11) is hence distinct from the uncertainty of the change in the global temperature due to different emission scenarios (see Section 6.3.2.6 in Clarke *et al* 2014). The models analyzed here belong to a type of IAM that is based on cost-effectiveness analysis (CEA) and has to be differentiated from cost-benefit analysis (CBA)-based IAMs which are more controversial, e.g., in their attempt to determine optimal climate goals (Edenhofer *et al* 2014).

Also due to this coordinated research effort, the scenario results have been an important contribution to the IPCC WGIII (e.g., Fisher *et al* 2007, Fischedick *et al* 2011, Clarke *et al* 2014) and other global environmental science assessments (GEA 2012, UNEP 2014). Many of the widely held views about the requirements to meet the 2°C target stem from their insights, e.g. the GHG emissions reductions goals of 80-95% in developed countries below 1990 levels by 2050 (Knopf and Geden 2014).

Table S1. Key characteristics and representation of multiple sustainability objectives for the global integrated model frameworks used in the analysis (partly derived from Krey *et al* 2014, and von Stechow *et al* 2015).

Model name	Model type	Metric for climate change	System boundaries	Non-climate sustainability	References for model
		mitigation costs		objectives covered	documentation
DNE21+	Energy system partial equilibrium model – intertemporal optimization	Energy system cost mark-up	Energy, climate	Air pollution, energy security	(Akimoto <i>et al</i> 2012, Sano <i>et al</i> 2015, 2012, Wada <i>et al</i> 2012)
GCAM	Francisco estici	Area under marginal abatement cost curve, energy system cost mark-up	Energy, land-use change, agriculture, forestry, climate, hydrology, some adaptation (not comprehensive)	Energy access, food, water, air pollution, energy security	(Calvin <i>et al</i> 2014, 2013, 2009, Clarke <i>et al</i> 2007)
IMAGE	equilibrium model – recursive dynamic simulation	Area under marginal abatement cost curve, energy system cost mark-up	Energy, land-use change, agriculture, climate, hydrology, some adaptation (not comprehensive)	Energy access, food, water, air pollution, biodiversity loss, energy security	(Bouwman <i>et al</i> 2006, Lucas <i>et al</i> 2013, van Ruijven <i>et al</i> 2012, Vliet <i>et al</i> 2013)
POLES		Area under marginal abatement cost curve, energy system cost mark-up	Energy, land use change	Air pollution, energy security	(Dowling and Russ 2012, Griffin <i>et al</i> 2013, IPTS 2010)
MESSAGE- MACRO	Systems engineering energy system model coupled with macroeconomic generable equilibrium model – perfect foresight, optimization	GDP & consumption loss, energy system cost mark- up, area under marginal abatement cost curve	Energy, aggregated representation of land-use GHG emissions, climate, water for energy	Energy access, water, air pollution/health, energy security	(McCollum <i>et al</i> 2013, Messner and Schrattenholzer 2000, Pachauri <i>et al</i> 2013, Rao and Riahi 2006, Riahi <i>et al</i> 2007)
REMIND	Optimal growth general equilibrium model – perfect foresight, optimization	Welfare change, GDP & consumption loss, energy system cost mark-up	Energy, aggregated representation of land-use GHG emissions, climate,	Air pollution, energy security	(Bauer <i>et al</i> 2011, Leimbach <i>et al</i> 2010, 2009, Luderer <i>et al</i> 2013b, 2011)
WITCH		Welfare change, GDP & consumption loss, energy system cost mark-up	Energy, aggregated representation of land-use GHG emissions, climate, climate damages and adaptation	Air pollution, energy security, adaptation	(Bosetti <i>et al</i> 2009b, 2006, De Cian <i>et al</i> 2011, Tavoni <i>et al</i> 2013)

2 Limitations of integrated models to address implications for non-climate sustainability objectives

In the WGIII AR5, alternative mitigation scenarios based on integrated models were mainly used to analyze (i) the technological and energy-system requirements of staying below a pre-determined GHG concentration threshold (such as decarbonization rates in a given period) and their regional interactions, (ii) the probability of exceeding that threshold, and (iii) the associated aggregate macroeconomic costs on global or regional levels (Bruckner *et al* 2014, Clarke *et al* 2014). Only a fraction of the studies that were assessed have also analyzed (i) the potential co-benefits for non-climate sustainability objectives (such as energy access, energy security and air quality) and (ii) the risks for non-climate sustainability objectives (such as land and water availability and biodiversity). But these studies either focused on specific co-benefits and SD risks or build on individual models (von Stechow *et al* 2015).

Similar to the challenges of aggregating local co-benefits on a global scale (von Stechow *et al* 2015), mitigation risks are challenging to quantify, let alone monetize, on a global level. Recently published literature hence focuses on technology-specific indicators for global mitigation risks, such as those associated with bioenergy (see, e.g., Bonsch *et al* 2016, Humpenöder *et al* 2014, Creutzig *et al* 2012b, 2012a), comparing scenario results with empirical evidence of energy technology transition processes in the past (e.g., Guivarch and Hallegatte 2013, Wilson *et al* 2013); or outlining the socioeconomic challenges of meeting international agreements given the discrepancy between current trends and long-term requirements (Luderer *et al* 2013c, Rogelj *et al* 2013a, 2013b, 2010, UNEP 2014, Luderer *et al* 2013a, Kriegler *et al* 2015b, Rogelj *et al* 2015, Kriegler *et al* 2013).

Fully understanding the implications of alternative 2°C pathways for non-climate sustainability objectives would require modelling frameworks that can simultaneously optimize multiple objectives across sectors, regions and generations taking into account institutional settings. There are thus far, however, no modelling frameworks available that can optimize development pathways across that many objectives – also because the determination of damage functions is also highly value-laden (Ackerman and Heinzerling 2002, Lackey 2001, Pindyck 2013). This is why we draw on results from integrated models whose strength it is to analyze long-term mitigation pathways across sectors and regions in a consistent way although integrated models do neither optimize over other objectives nor measure the levels of sustainability objectives directly (for exceptions, see section 4 in von Stechow *et al* 2015). Hence, the interpretation of integrated model results as risk indicators for non-climate sustainability objectives provides, at best, a reasonable approximation of the interrelation between mitigation and multiple other objectives at the global level. Given the current little previous research on the impacts of climate change mitigation on non-climate sustainability objectives, this exercise already yields interesting new results.

Due to their global scope and coverage of the economy, energy, climate as well as land-use systems, integrated models inevitably are limited in the level of detail they can represent in other dimensions. For example, there is some critical literature on the implications of the structural set-up of and assumptions in integrated models for SD more broadly, such as for human development and inequality (e.g., Lamb and Rao 2015, Steckel *et al* 2013, Sathaye *et al* 2011, Stanton 2010). In the following paragraphs, we address some of these limitations to the extent they pertain to the models' ability to analyze the implications for non-climate sustainability objectives. Some of these limitations are briefly

mentioned in the discussion of the main text while others are discussed in SI section 3. But rather than pointing to new insights, this section aims at providing an overview by structuring existing model critique into issues around (i) economic aggregation, (i) spatial aggregation, as well as (iii) institutional settings.

Like other economic models, integrated assessment models often assume homogeneity across economic agents by relying on a representative household rather than differentiating income groups or along other socio-economic criteria. This makes any analysis of distributional consequences within countries very challenging. Many climate policies have been identified as increasing equality challenges through, e.g., higher energy prices (see SI section 3.1.3), higher food prices (Wise *et al* 2014, Tadesse *et al* 2014, von Braun *et al* 2008) or indirectly through higher consumer prices (Fullerton and Metcalf 2001, Bovenberg and van der Ploeg 1994). However, integrated models can only take this into account if coupled to other models that consider, e.g., different income groups and/or rural and urban populations (van Ruijven *et al* 2012, Cameron *et al* 2016, Pachauri *et al* 2013, Daioglou *et al* 2012, Krey *et al* 2012) and skill levels (Guivarch *et al* 2011). Unless a model study is specifically designed to consider such distribution effects, multi-model results, such as those of AMPERE, are not suitable to analyze effects on SDG 1, 5 or 10.

Analyzing distributional effect among countries (SDG 10) is challenging due to the coarse spatial disaggregation of integrated models. The models only represent broad major economies, such as USA, China, Brazil and Japan as individual countries, while aggregating others to up to continental-scale macro-regions (Krey *et al* 2014). Analysis of distributional effects hence focuses on an inter-regional perspective and is only meaningful for alternative assumptions on international effort sharing regimes (Ekholm *et al* 2010, Elzen *et al* 2008, Elzen and Höhne 2008, Tavoni *et al* 2013, 2015, Aboumahboub *et al* 2014, Luderer *et al* 2012). In addition, models vary in their sectoral resolution, and only represent a limited number of sectors explicitly. This makes any analysis of technological issues related to spatial heterogeneity, such as infrastructure build-up and urban transformation (SDGs 9 and 11), highly challenging or even impossible.

With their focus on the technological and macroeconomic aspects of energy transitions, integrated models have very limited abilities to capture social phenomena and structural changes (Sathaye *et al* 2011). At the same time, there are many sustainability objectives for which institutional and social developments are much more decisive than the structure of the energy system, such as for the provision of basic services health, education and justice (SDGs 3, 4 and 16). This makes integrated models poorly equipped to address these SD dimensions.

Considering the models' limited ability to consider different income groups for different geographical characteristics and institutional settings, "an explicit representation of the energy consequences for the poorest, women, specific ethnic groups within countries, or those in specific geographical areas, tends to be outside the range of current global model output" (Sathaye *et al* 2011, p 752). From the literature, we know, however, that there is a minimum energy requirement to satiate basic human needs (Pachauri and Spreng 2004, Steinberger and Roberts 2010, Lamb and Rao 2015) unless economic growth is assumed to break with historical trends (Steckel *et al* 2013). According to Lamb and Rao (2015), this threshold is approximately 30 GJ/year per capita. While the models typically do not explicitly take into account energy demands for basic needs related to cooking, heating, health and other infrastructure and services, their final energy pathways in mitigation scenarios still largely

respect the 30 GJ/yr threshold. For instance, only two out of the seven models project final energy supply levels in mitigation pathways for India in 2050 that are below this level for reference assumptions on final energy (see figure S1). At the same time, as highlighted in the main text, the assumptions for lower energy demand growth need not additionally affect development outcomes but assume lower energy intensity (lowEI) through higher energy efficiency and, e.g., the viability of more compact, public transit-friendly urban areas (Riahi *et al* 2015).



4 Linking energy-related SDGs and other sustainable energy objectives to SD risks and associated indicators based on integrated model results

This section gives some background on the choice of indicators calculated from model variables (column 1 in table 2) that approximate SD risks (column 2) for energy-related SDGs and other sustainable energy objectives (column 3), used for the analysis of alternative 2°C pathways in the main text. The choice of SD risk dimensions discussed in this letter was guided by three criteria:

- 1. Discussion of risk dimensions and related quantitative indicators in the literature (see table 1);
- 2. Possibility to link to energy-related SDGs (or other sustainable energy objectives) covering all three SD dimensions: economic, environmental and social (see SI section 3.1).
- 3. Public availability of model variables (from which suitable indicators can be calculated, see SI section 3.2) in the AMPERE database to serve transparency purposes (see SI section 4);

SI section 3.1 lays out in some detail the avenues by which mitigation can lead to increased or decreased risks for non-climate sustainability objectives and how the different SD risks can be linked to a set of energy-related SDGs and other sustainable energy objectives. It should be noted that many risk dimensions in fact have an impact on several SDGs – both in negative and in positive ways (see figure S2 for an overview) and choosing a single SDG to represent one risk dimension means simplifying these complex interlinkages. SI section 3.2 then explains how the chosen indicators for these risk dimensions can be calculated from integrated model variables reported in the AMPERE scenario database.

4.1 Linking SD risks to energy-related SDGs and other sustainable energy objectives

This section discusses the second criterion and reviews literature on the basis of which the link between SD risk dimensions and SDGs and other sustainable energy objectives can be established. This section is partly based on the Supplemental Material from von Stechow *et al* (2015) which reviews recent literature on the co-effects of mitigation measures in the energy supply as well as different energy demand sectors. As in von Stechow *et al* (2015), the discussion of co-effects in the agriculture, forestry and other land-use (AFOLU) sector is limited to the co-effects of increasing bioenergy supply – mainly because this was not a focus of the AMPERE project.

As discussed in SI section 2, integrated models have some limitations in their ability to address some non-climate sustainability objectives, such as distributional effects. This is why this section does not discuss links to some important SDGs, such as SDG1 ("end poverty in all its forms everywhere") and SDG 10 ("reduce inequality within and among countries"). To some extent, however, the chosen set of indicators implicitly speaks to the aims of poverty and inequality reduction, because:

- i) food security concerns are most problematic for the urban poor (Ahmed *et al* 2009);
- ii) air pollution disproportionally impacts the poor in dense urban areas (Frumkin 2002);
- iii) not achieving energy access goals threatens the associated benefits in terms of local economic development, educational benefits, and income generation (SI section 3.1.6);
- iv) economic growth reduction makes poverty reduction more challenging (SI section 3.1.4);
- v) jobs at risk in the fossil fuel industry affect the unskilled most (Fankhauser *et al* 2008).

4.1.1 Bioenergy expansion and food security (SDG 2)

Achieving food security is an important aspect of SDG 2 but may be challenging to achieve in the light of climate change. On the one hand, stringent mitigation is likely to avoid the worst impacts of climate change which endangers sustainable food production systems (Porter et al 2014). On the other hand, an increased amount of biomass demand for energy purposes required in many mitigation scenarios may induce competition on arable land (except for bioenergy derived from residues, wastes or by-products) (Haberl et al 2014) with resulting impacts on food production and security (Ewing and Msangi 2009, Finco and Doppler 2010, Tilman et al 2009).¹ In a study that compares the effect of 100 EJ of lignocellulosic bioenergy to the potential climate impacts of a high-emission scenario on crop yields, the benefits of bioenergy for mitigation outweigh the adverse impacts in terms of food prices increases (Lotze-Campen et al 2014). But with higher amounts of bioenergy demand, the risks are likely to increase: Bioenergy production and the resulting land competition have implications for many non-climate sustainability objectives, such as reducing water availability (SDG 6.4), displacing communities and economic activities (SDG 8), driving deforestation (SDG 15.2), reducing soil quality (SDG 15.3), and impacting biodiversity (SDG 15.5) (Amigun et al 2011, Borzoni 2011, Chum et al 2011, Creutzig et al 2013, German and Schoneveld 2012, Hall et al 2009). Most integrated models are not yet well equipped to study these effects, but preliminary research exists, e.g., on water and biodiversity impacts (Bonsch et al 2016, De Fraiture et al 2008, PBL 2012, van Vuuren et al 2015). The main potential co-benefits seem to be related to improved access to energy services (SDG 7), job creation (SDG 8.3), and energy security (Amigun et al 2011, Arndt et al 2012, Duvenage et al 2012, Finco and Doppler 2010, Huang et al 2012, Leiby and Rubin 2013, Tilman et al 2009). More generally, due to the different bioenergy sources as well as to the specificities of the areas where bioenergy is produced, SD impacts from bioenergy are context-, pace- and size-specific (Bustamante et al 2014, Creutzig et al 2013, Popp et al 2011, Smith et al 2014b).

4.1.2 Air pollutant concentration and health via air quality (SDG 3.9)

One important aspect to ensure healthy lives is to substantially "reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination" (SDG 3.9). SO₂ and NOx, for instance, contribute to the acidification of water bodies (SDG 6.3) and soil (SDG 15.3) and NOx to eutrophication – a threat to biodiversity (SDG 15.5) (Hertwich *et al* 2010, Rockström *et al* 2009). Exposure to particulate matter (PM), emitted directly as BC and OC or formed from SO₂ and NOx, leads to premature deaths of more than 3.5 million people per year (Lim *et al* 2012, Smith *et al* 2014a). More than 80% of the global population is still exposed to PM concentrations that exceed the WHO recommendations of 10 μ g/m3 PM_{2.5} (Rao *et al* 2013). But the local health effects can differ substantially depending, for example, on the efficiency of the combustion process, the place of the emission source, the scrubber technology, the downwind population concentration as well as the background pollution from other sources (Bell *et al* 2008, Smith and Haigler 2008, Sathaye *et al* 2011).

In addition to the reduced health effects of less air pollution and resulting water and soil pollution, reducing air pollutant emissions arising from energy supply also helps protecting and restoring the

¹ Some agroforestry plantation can contribute to food security while producing biomass resources (Smith *et al* 2014b).

sustainable use of marine and terrestrial ecosystems (SDGs 14 and 15). Even though some individual low-carbon energy technologies such as concentrated solar power tower technologies, some hydropower plants and CCS technologies show considerable pollution-related health and ecological effects – taking into account life-cycle emissions and thus accounting for emissions from material and fuel production, manufacturing, operation and decommissioning – Hertwich *et al* (2015) generally found significantly lower pollution-related indicators for renewable energy (RE) technologies (see discussion in SI section 3.1.6 on wind energy and PV). This co-benefit is mainly due to the reduction of co-emitted pollutants associated with the decarbonization of energy supply, which is nearly complete in 2050 for stringent 2°C pathways (Bruckner *et al* 2014, Clarke *et al* 2014, Riahi *et al* 2015). Integrated model studies indicate that there are significant co-benefits for a number of pollutants – up to 50/35/30/22% reductions by 2030 globally of SO₂, NOx, PM_{2.5}, and Hg emissions or concentrations relative to baseline scenarios (see von Stechow *et al* 2015 for a review).

Finally, methane emissions that contribute to the formation of tropospheric ozone with negative impact on crop yields (van Dingenen *et al* 2009) can be reduced in coal mining and gas and oil production (Bruckner *et al* 2014). Reducing fossil fuel use, particularly coal, and methane leakage reduction can mitigate near-term climate change and improve health and food security (Anenberg *et al* 2012, Shindell *et al* 2012).

4.1.3 Energy price growth and energy access (SDG 7)

SDG 7 aims at ensuring "universal access to affordable, reliable, and modern energy for all". This is a huge challenge since more than 1.3 billion people worldwide, especially in sub-Saharan Africa and developing Asia, lack access to electricity and over 2.5 to 3 million people are estimated to lack modern fuels for heating and cooking (IEA 2012, Pachauri *et al* 2013). Whilst improvements in energy access do not need to entail significant changes in GHG emissions (Pachauri *et al* 2013), climate policies are likely to increase energy prices, at least in the short term, due to carbon pricing, fuel switching and higher energy production costs from low-carbon energy technologies (Bertram *et al* 2015b, Bruckner *et al* 2014, Fischedick *et al* 2011, Jakob and Steckel 2014) which can result in higher challenges for achieving energy access objectives (van Ruijven *et al* 2012, Cameron *et al* 2016, Pachauri *et al* 2013, Daioglou *et al* 2012, Krey *et al* 2012, van Vuuren *et al* 2015).

Even though the global energy price index that was used for this letter (see SI section 3.2.2) is generally set to increase in mitigation scenarios with conventional energy demand growth assumptions, the effect on those without energy access today depends importantly on locally specific circumstances, such as the type of fuel used by different income groups, the distribution of the revenues from climate policy and the effectiveness of pro-poor policies that are in place today or could be implemented to complement climate policies (Casillas and Kammen 2010). In fact, a recent study shows that the costs of achieving energy access change with the stringency of climate policy but are even more sensitive to the way energy access policies are implemented (Cameron *et al* 2016).

The effects of energy prices on economic growth are not explicitly analyzed here because the macroeconomic effects of mitigation, including general equilibrium effects of changing energy prices, are captured to some extent by the integrated models (see below in SI section 3.1.4). To what extent higher energy prices are a concern from an inequality perspective depends on the distributional consequences, which cannot be derived from the AMPERE scenario database (see SI section 2). Since

poorer households spend a higher proportion of their disposable income on energy needs, higher energy prices are a problem not just for those without sufficient energy access today (Moore 2012). While there is a regressive impact of higher energy prices in developed countries (Grainger and Kolstad 2010, Romero-Jordán *et al* 2016, Frondel *et al* 2015, Nelson *et al* 2011), the empirical evidence is mixed for developing countries (Jakob and Steckel 2014). Fuel taxes, for example, seem to be generally progressive in poor countries (Somanathan *et al* 2014).

In addition, higher energy prices are not only a concern for energy access goals, but also for health (SDG 3): Higher energy prices could adversely affect the ability of households to guarantee a certain level of consumption of domestic energy services (especially heating) or may place disproportionate expenditure burdens to meet these needs. Fuel poverty has a range of negative effects on the health and welfare of fuel poor households, such as an increase in excess winter mortality rates, excess morbidity effects, depression and anxiety (Clinch and Healy 2001). But these effects can be greatly reduced by mitigation measures in the buildings sector (Ürge-Vorsatz and Tirado Herrero 2012).

4.1.4 Consumption growth reduction and economic growth (SDG 8.1)

Sustaining economic growth is one of the core requirements to achieve a number of non-climate sustainability objectives, such as poverty reduction (Ravallion and Chen 1997, Rodrik 2008) and higher employment levels (Blanchard and Wolfers 2000, Crivelli *et al* 2012, McMillan *et al* 2014), and are reflected in SDGs 1 and 8. While the negative impact of stringent climate policy on aggregate measures of consumption growth is limited (see SI section 3.2.1), integrated models project higher transitional economic growth reductions in the decade after implementation of the climate policy (Bertram *et al* 2015b, Kriegler *et al* 2013, Luderer *et al* 2013a, 2013c). Because the effects in the short to medium term are of particular interest for achieving SDG 8.1, this letter's focus is on transitional rather than aggregate long-term metrics of economic growth reductions as mitigation risk indicator.

4.1.5 Stranded fossil investment and full employment (SDG 8.3)

Achieving full and productive employment features as another sub-goal of SDG 8. While many mitigation measures potentially have a positive effect on gross job creation (such as energy efficiency measures in the housing and industry sectors as well as upscaling of RE, see below in SI section 3.1.6), the net effect of mitigation pathways on employment in the medium to long term remains disputed, considering all aspects of mitigation technologies (e.g., labor intensity and implications for job quality and skills) as well as trade, investment, innovation and general equilibrium effects (Babiker and Eckaus 2007, Böhringer *et al* 2013, Clarke *et al* 2014, Fankhauser *et al* 2008, Guivarch *et al* 2011). Yet, it is clear that many jobs in the fossil fuel industry (and the associated value chains) will be lost in the short term due to the energy system transition from carbon-intensive industries towards more low-carbon sectors (Fankhauser *et al* 2008).

Since it is difficult for policy makers to credibly commit to a climate policy trajectory, investors will find it challenging to make investment decisions consistent with long-term climate goals in a changing policy environment dominated by uncertainties about the possibility and extent of global cooperation on climate change mitigation (Brunner *et al* 2012). Accordingly, from 2005 through 2013, approximately 722 GW of new capacity was added to the global coal fleet and over 1,000 GW of coal power plant capacity is still proposed globally – despite a drop of 23% from 2012 numbers (Shearer *et*

al 2015). Some experts speak about a 'renaissance of coal' (Steckel *et al* 2015). To avoid excess job losses (and the associated negative effects on overall economic output) when choosing climate policies, decision makers should be interested in minimizing the additional build-up of long-lived carbon-intensive infrastructure (such as coal power, see SI section 3.2) (Rozenberg *et al* 2014). This is because a large share of any new coal capacity built over the next decades would likely need to retire early to comply with the carbon budget consistent with the 2°C target – with the associated employment implications.² This is particularly important in emerging economies where most new capacity would be built (Bertram *et al* 2015a, Johnson *et al* 2015). Early retirement of thermal power plants also impacts power grid stability (Holttinen 2012) that is discussed in the next sub-section.

4.1.6 Wind & PV grid integration and resilient infrastructure (SDG 9)

Building resilient infrastructure features as SDG 9 to support economic development and human wellbeing. As described in SI section 3.2.7, adding large amounts of partially dispatchable and predictable RE capacity (e.g., wind energy and PV) in a short time is a challenge for power grids. The resulting technical and economic risks may even put public acceptance of RE at risk as can be observed in the public debate on the German 'Energiewende' (Frondel *et al* 2015, 2012). This is a concern from the perspective of many other SDGs on which higher RE deployment would have positive impacts:

- Replacing coal with wind and PV would be associated with a wide range of co-benefits as their pollution-related indicators are generally significantly lower (Hertwich *et al* 2015).³ This would reduce the number of deaths and illnesses from air pollution (SDG 3.9), improve the water quality by reducing pollution (SDG 6.3) and contribute to "conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services" (SDG 15.1). This is also helped by the fact that the consumptive water use of wind energy and PV is small (Meldrum *et al* 2013).
- Higher deployment of wind energy and PV links directly to a sub-goal of SDG 7 (7.2: "increase substantially the share of RE in the global energy mix by 2030") because they can help promote off-grid access to energy services in countries with little central grid access. This is because research indicates that improved energy access by means of RE also stimulated local economic development in a number of developing countries (Goldemberg *et al* 2008, Walter *et al* 2011) and led to educational benefits and enhanced support for income generation in large parts of the developing world (Bazilian *et al* 2012, Kanagawa and Nakata 2007, Sokona *et al* 2012).
- Studies from China, Germany, Spain and the US found net job gains due to an increased share of RE with higher labour intensity (Cai *et al* 2011, Lehr *et al* 2012, Ruiz Romero *et al* 2012, Wei *et al* 2010). Similar results have been found for RE in the buildings sector (Lucon *et al* 2014). On the one hand, this may help achieving SDG 8, namely "higher levels of productivity of economies...through a focus on high value added and labour-intensive sectors" (SDG 8.3). On the other hand, RE, particularly PV, still relies on substantial public support, implying that some of the above adverse effects apply with respect to opportunity costs of using public funds and skilled

 $^{^{2}}$ As witnessed in Germany, even the prospect of climate regulation that would necessitate the retirement of rather old coal power plants led to a public debate and subsequent withdrawal of the initial proposal, based on (mainly unsubstantiated) arguments around potentially substantial job losses in particular regions and supplying industry (Oei *et al* 2015).

³ It should be noted, however, that collisions of birds and bats with wind power plants are an important concern (Giavi *et al* 2014, Lehnert *et al* 2014, Marques *et al* 2014).

workers as well as trade and general equilibrium effects (see SI section 3.1.5) (Böhringer *et al* 2013, Frondel *et al* 2010, Lambert and Silva 2012).

• Finally, higher RE deployment in mitigation scenarios generally leads to lower energy imports (Criqui and Mima 2012, Jewell *et al* 2014, Kruyt *et al* 2009), a co-benefit for energy security.

4.1.7 Energy security

Energy security vulnerabilities can be characterized by three different perspectives: sovereignty (risks primarily arise from foreign actors), robustness (risks can be calculated and avoided) and resilience (risks are uncertain and systems must be designed to be able to recover from disruptions) (Cherp and Jewell 2014, 2011). For the purposes of this letter, we focus on oil security since it is the most vulnerable fuel globally with most countries dependent on imported oil from a limited number of exporting countries, the most acute scarcity concerns (both real and perceived) and it faces virtually no substitutes in the transport sector (Cherp *et al* 2012). In fact, the inflexibility of the oil system is one of the reasons it has been one of the main foci of energy security strategies, in particular with the creation of the International Energy Agency (IEA) after the 1970s oil crises.

For our analysis, we consider one indicator for each perspective on oil security: cumulative oil trade to represent sovereignty risks (see SI section 3.2.10); cumulative oil extraction to represent robustness concerns (see SI section 3.2.11); and non-oil use in the transport sector to represent the resilience perspective (see SI section 3.2.12). This admittedly neglects energy security risks arising from critical infrastructure vulnerabilities (Farrell *et al* 2004) – except short-term reliability concerns from variable renewables (see SI section 3.2.7) (Johansson 2013) – but infrastructure is not very well depicted in integrated models so is not the best tool to explore these types of risks (see SI section 2).

4.1.8 Peaceful use of nuclear power

Many mitigation scenarios depict tremendous growth in nuclear energy – up to four times current levels by mid-century (Kim *et al* 2014). The risks associated with nuclear energy include accidents, physical security – nuclear materials falling into the wrong hands – and proliferation – the spread of nuclear weapons and fissile material to new countries (von Hippel *et al* 2012).⁴ Similar to the relationship with energy intensity (EI), the less energy produced from nuclear, the lower each of these risks is. The accident risk is calculated in terms of incidents per reactor years; thus all else being equal, increasing the nuclear power fleet increases the risk of accidents. Yet, many integrated models do not distinguish between types of nuclear power plants, let alone which safety mechanisms are implemented where so the only way to analyze this would be assume the same accident risk for the full nuclear fleet. Thus for the purposes of our analysis we focus on physical security and proliferation risks related to nuclear power (see SI section 3.2.5).

⁴ Some epidemiological studies on the health effect of radioactive material handling find a higher childhood leukemia of populations living within 5 km of nuclear power plants (Heinävaara *et al* 2010, Kaatsch *et al* 2008, Sermage-Faure *et al* 2012). Nuclear energy also reduces pollution-related indicators compared to coal with positive health effects (Hertwich *et al* 2015) making the net effect on health very challenging to assess.

4.1.9 Environmental risks of CCS chain and sustainable production (SDG 12.4)

Achieving environmentally sound management of chemicals and reducing their release to air and water to minimize their adverse impacts on human health and the environment features prominently in SDG 12. While CCS is an important mitigation technology, particularly because it can be coupled with bioenergy to produce negative emissions and thus increases the flexibility to reach stringent climate goals (Clarke et al 2014, Fuss et al 2014), high deployment of CCS increase the environmental concerns of fossil-fuel based power supply. On the one hand, the CCS process requires 16-44% of additional energy (Corsten et al 2013), thereby increasing the fuel requirements and associated environmental impacts, such as ecological damage (SDG 15), higher mudslides risks, and water contamination (SDG 6.3) (Adibee et al 2013, Palmer et al 2010, Smith et al 2013). On the other hand, CO₂ capture requires a pure gas stream, reducing some air pollution from the power plant, such as SO₂ (Koornneef et al 2008). Investigating different CCS technologies for relevant life-cycle indicators, Hertwich et al (2015) find that, on balance, CCS leads to increases in PM, toxicity and eutrophication by 5-60% compared to modern coal and gas power plants. Many of these additional air pollutant emissions would also negatively impact health (SDG 3.9, see SI section 3.1.2) and marine ecosystems (SDG 14). If coal is substituted by biomass (to enable net negative GHG emissions via BECCS), Schakel et al (2014) find that the biomass supply chain and the combustion-related pollution are comparable to that of coal with respect to environmental and health impacts.

Most CCS technologies also significantly increase water withdrawal and consumption (up to 100%) due to efficiency penalties and additional process demands (Zhai *et al* 2011, Meldrum *et al* 2013) – with the latter causing ecological impacts (Verones *et al* 2010). There are also concerns about groundwater contamination due to CO_2 leakage (Apps *et al* 2010, Atchley *et al* 2013, Siirila *et al* 2012). As much as additional wind energy and PV helps alleviating concerns about water availability and quality, CCS may hence add to these (SDG 6.3). As discussed in SI section 3.2.4, there are substantial uncertainties attached to the hydrogeological characteristics and volumes of the geological reservoirs. For example, concerns about induced seismicity could potentially affect surface structures or simply alarm the population (Mazzoldi *et al* 2012). With open questions about the resilience of existing reservoirs (White *et al* 2014), higher CCS deployment may increase concerns about the resilience of the installed infrastructure (SDG 9).

On the positive side, retrofitting CCS can potentially alleviate the extent of stranded investment of coal-power plants (Johnson *et al* 2015). Successful deployment of CCS technologies could potentially preserve many jobs in the fossil-fuel industry (Fankhauser *et al* 2008, Wei *et al* 2010) – a contribution to achieving SDG 8.3 in the short term.

4.1.10 Peak atmospheric CO₂ concentration and minimization of ocean acidification (SDG 14.3)

Ocean acidification is an important global change problem and hence features as one sub-goal of SDG 14. While it is often analyzed together with impacts of climate change (IPCC 2014), future changes in ocean acidification are largely independent of the amounts of climate change but are mainly driven by CO₂ emissions (Cao *et al* 2007). As such, reductions in ocean acidification and associated aragonite saturation states (Ω_a) can also be regarded as a co-benefit of CO₂ emissions reductions primarily targeted at climate change mitigation (Joos *et al* 2011). High changes in pH and Ω_a adversely affect vulnerable marine organisms that build shells and other structures from aragonite (Orr *et al* 2005). For

example, if atmospheric CO₂ is stabilized at 450 ppm, only 8% of existing coral reefs will be surrounded by water with pre-industrial saturation levels down from 98% (Cao and Caldeira 2008). These concentrations are surpassed by 2050 in some delayed 2°C pathways due to high concentration overshoot whereas pathways without negative emissions stay below that threshold. Whereas global mean temperature change mainly depends on cumulative CO₂ emissions (IPCC 2014), the response of pH and Ω_a is delayed in the ocean interior – highlighting the importance of 2°C pathways with low concentration overshoot to avoid irreversible damage (Mathesius *et al* 2015).



Figure S2. The SD risks were chosen (i) based on existing literature and such that (ii) associated indicators can be calculated from integrated model variables that are readily available from scenario results in the AMPERE scenario database to serve transparency purposes; and (iii) link directly to a set of energy-related SDGs and other multilaterally agreed sustainable energy objectives covering all three SD dimensions: economic, environmental and social.

4.2 Linking indicators calculated from integrated model variables to SD risks

All indicators for SD risks that are described in detail below – following the order of the indicators as they appear in figure 5 – show the difference between the value for each mitigation scenario and that for the baseline as a percentage of the baseline value (except for Figure 5 which compares alternative 2°C pathways to each other, see Table S.4 for the underlying data). The baseline is derived from the values of the "AMPERE2-Base-FullTech-OPT" scenario in the same model, unless otherwise stated. For the indicator for which baseline scenarios show values of or near zero (and hence does not lend itself to an analysis of relative changes), the following paragraphs introduce a reference value against which the values from mitigation scenarios are compared (see SI section 3.2.4).

4.2.1 Maximum decadal consumption growth reduction

While cost-benefit analyses (CBA) of climate change mitigation has been prominently discussed in climate economics (Stern, 2008), the approach has many drawbacks (as discussed, e.g., in Edenhofer *et al* 2014, Kunreuther *et al* 2014, Pindyck 2013). Most studies with integrated models rather analyze the macroeconomic costs of not exceeding a specific mitigation goal in the most cost-effective way (CEA, see SI section 1).

Since in this mode of operation mitigation scenarios do not account for avoided damages or cobenefits, the climate constraint to the respective optimization models leads to lower economic activity and hence a reduction of available consumption compared to baseline developments (Paltsev and Capros 2013). Depending on the modeling framework, these effects are measured in different metrics, such as the area under the marginal abatement curve, the aggregated and discounted increase in energy system costs, or aggregated and discounted GDP or consumption losses relative to GDP (see table S1). While many studies have analysed aggregate economic indicators for the mitigation costs, the analysis of delayed scenarios highlights that such cumulative metrics are not reflecting the full economic costs borne by societies: due to the discounting usually applied when calculating aggregated costs, sharp increases of costs in later decades (due to delayed climate policy scenarios) are not fully reflected in cumulative metrics. Metrics that measure transitional costs, such as the maximum transitional costs to be born within a decade, expressed as reduction of consumption growth, have been used to illustrate the economic challenges beyond the cumulative, discounted approach (Bertram *et al* 2015b, Kriegler *et al* 2013, Luderer *et al* 2013c) and can be calculated based on reported data from MESSAGE, GCAM and WITCH.

For the purpose of this letter, the indicator is defined as the maximum difference (in percentage change) in the consumption (C) growth rate (g) over a decade between mitigation and baseline scenarios in the same model – compared to a 1% change in the growth rate in the same period.

$$\max_{2010 < t < 2050} \left(g^{\text{Baseline}}(t) - g^{\text{Mitigation}}(t) \right) / 1\%$$

where for each scenario

$$g(t) = \frac{C(t) - C(t - 10)}{C(t - 10)} \cdot 100\%$$

is the decadal rate of growth (in percentage change) for each scenario.

4.2.2 Maximum decadal energy price growth

Measuring the macroeconomic costs of mitigation for societies implicitly or explicitly takes into account inter-generational distributions by means of choosing a specific discount factor. But adjustment costs and intra-generational distribution issues are often neglected (Fleurbaey *et al* 2014, Fleurbaey and Zuber 2012). While direct analysis of the distributional impacts of climate policy is not possible with such global models with only coarse geographical scales and assumptions on homogeneity of economic agents (see SI section 2), some recent studies identified economic indicators that could be indirectly related to distributional issues. One example for such an indicator is the maximum growth of an energy price index to be born within a decade, calculated similarly to a consumer price index, due to climate policies (Bertram *et al* 2015b, Luderer *et al* 2013c). Although

such an indicator is only an approximation for the actual increase of household expenditure for energy services (see SI section 3.1.3), it is an interesting alternative, given that energy services are not explicitly modelled in the majority of integrated models. Since the models that report secondary energy prices (MESSAGE and REMIND) include carbon price mark-ups, the indicator is set to increase for climate policy.

For the purpose of this letter, the indicator is defined as the maximum decadal increase in the Energy Price Index (*EPX*) in the given time period, where *EPX* is the weighted average of the price (p) of the secondary energy demand basket (*SE*) relative to the price of the same basket 10 years previously.

$$EPX(t) = \sum_{i} p_i(t)SE_i(t) / \sum_{i} p_i(t-10)SE_i(t),$$

such that maximum decadal energy price growth (in percentage change) is

$$\max_{\substack{2010 < t < 2050}} \frac{EPX_{\text{Mitigation}}(t) - EPX_{\text{Baseline}}(t)}{EPX_{\text{Baseline}}(t)} \cdot 100\%$$

4.2.3 Idle coal capacity per year

Due to the high GHG emissions of the current, mainly fossil-based, energy system, stringent mitigation goals necessarily lead to a significant energy system transition (Bruckner *et al* 2014). Should the global community or individual countries ramp up climate policies, some existing and even newly built fossil capacities may turn out to be unprofitable since they are not able to recover their short-term costs, ending up as stranded investments (Bosetti *et al* 2009a) (see SI section 3.1.5).

Since integrated models project more carbon-intensive coal power plant build-up for the next decades in delayed mitigation pathways (assuming myopic investment behavior), these are the plants that would – under normal market conditions – still operate in 2050 but may have to be prematurely retired for suddenly high carbon prices after the period of delay (Bertram *et al* 2015a, Johnson *et al* 2015). This is approximated by the amount of 'idle coal capacity' in the models which depends on the carbon intensity reduction rates necessary to stay within the carbon budget which is more challenging the later emissions peak and the higher this peak level will be (Johnson *et al* 2015). Here, we build on the metric used by Bertram *et al* (2015a), who calculate the average load factor of the global coal capacity, albeit looking at the share lying idle in mitigation scenarios.

For the purpose of this letter, the indicator measures the percentage change in the share of coal power plant capacity – "Capacity|Electricity|Coal|w/o CCS" (*Capacity_Coal* in GW) – in 2050 that is not being used to generate electricity – "Secondary Energy|Electricity|Coal|w/o CCS" (*SE_Coal* in EJ/a) – i.e. is lying idle:

$$\frac{\left(1 - \frac{Capacity_Coal^{\text{Mitigation}}(2050)}{SE_Coal^{\text{Mitigation}}(2050) \cdot s/a}\right) - \left(1 - \frac{Capacity_Coal^{\text{Baseline}}(2050)}{SE_Coal^{\text{Baseline}}(2050) \cdot s/a}\right)}{\left(1 - \frac{Capacity_Coal^{\text{Baseline}}(2050)}{SE_Coal^{\text{Baseline}}(2050) \cdot 0.031536}\right)} \cdot 100\%$$

4.2.4 CO₂ captured and stored per year

In addition to other concerns (see SI section 3.1.9), one major uncertainty in the process chain of CCS are the hydrogeological characteristics and volumes of the geological reservoirs in which the CO₂ is supposed to be stored (Humpenöder *et al* 2014). Since the global storage potential of deep saline aquifers is large compared to alternative storage types (1000 up to 10000 Gt, see Benson *et al* 2005), the uncertainty about hydrogeological data leads to high ranges of estimates. The IEA qualifies the storage in depleted oil and gas fields for which reliable data already available as well as the usage of CO₂ for 'Enhance Oil Recovery (EOR)' as 'early opportunities' (IEA 2009). Since point sources of CO₂ do not necessarily arise in places with the largest storage sites, source-sink matching leads to lower storage potential estimates. If global CO₂ storage demand exceeds these estimates, more risky reservoir types have to be tapped.

Drawing on the regionally differentiated estimates of Hendriks *et al* (2004), the global CO_2 storage potential for depleted oil and gas fields stands at 250 Gt CO_2 (best estimate). Assuming an injection duration of 50 years (to avoid pressure build-up, see Szulczewski *et al* 2012), the storage potential per year amounts to 5 Gt. Although more storage volume is available from other reservoir types (deep saline aquifers, coalbed methane recovery), all values above 5 Gt are judged as more risky.

For the purpose of this letter, the indicator measures the percentage increase of CO_2 emissions stored – "Emissions|CO2|Carbon Capture and Storage" (*Emi_CCS*) – in geological storage facilities in 2050 relative to a reference value of 5000 Mt that can presumably be stored at low technical risks.

 $\frac{\textit{Emi}_{\rm CCS^{Mitigation}(2050)}-5000~{\rm Mt}~{\rm CO}_2}{5000~{\rm Mt}~{\rm CO}_2}\cdot100\%$

4.2.5 Nuclear capacity expansion in Newcomer countries

Today, only thirty countries have nuclear energy but much of the development of nuclear power in low-carbon scenarios happens in regions where nuclear power has played a very small role. The question then becomes, does a spread of nuclear power increase the risk of proliferation and physical security concerns? The relationship between proliferation and civilian nuclear power programs is contentious to say the least. However, there is generally consensus that civilian nuclear power programs shorten the time it would take a country to develop the bomb (Sagan 2011). There's also empirical evidence that 'client' countries that have nuclear cooperation agreements with 'supplier' countries are more likely to develop nuclear weapons (Fuhrmann 2009). Since few 'Nuclear Newcomers' would be able to introduce nuclear power without significant international support (Jewell 2011), the growth of nuclear proliferation would increase with the spread of the technology to new countries.

To measure this risk, we developed an indicator for the (percentage) change in the capacity of nuclear power in countries which today do not currently have nuclear power. In the absence of country-by-country values, this is approximated as the sum of nuclear capacity – "Capacity|Electricity|Nuclear" (*Capacity_Nuc*) – in 2050 in regions (r) that largely do not have nuclear power (Asia, the Middle East

and Africa and Latin America) less the sum of the projected nuclear capacity (i) in those countries which do (China, India and Brazil) and for which the AMPERE database supplies data.⁵

$$\frac{\textit{NewNuclear}^{\text{Migitation}} - \textit{NewNuclear}^{\text{Baseline}}}{\textit{NewNuclear}^{\text{Baseline}}} \cdot 100\%,$$

where

$$NewNuclear = \sum_{r} Capacity_Nuc(2050) - \sum_{i} Capacity_Nuc(2050)$$

4.2.6 Biomass supply for energy per year

Biomass is a basic resource for food, fodder and fiber and is hence crucial to many peoples' wellbeing, particularly for those that have to rely on subsistence agriculture and on traditional biomass for cooking and heating. Since it is also a versatile form of RE, potentially being able to be converted to liquid and gaseous fuels, electricity and heat, it also plays an important role in integrated model projections of energy systems moving away from fossil-based fuels (Chum *et al* 2011, Smith *et al* 2014b). For many technological routes, this implies that bioenergy may compete with other biomass demand for arable land (Haberl *et al* 2014). Since land is a finite resource, this could lead to a range of effects for SD (see SI section 3.1.1).

Since there are many uncertainties involved in calculating the land use impact of bioenergy, including the (induced) yield changes through agricultural technology innovation and diffusion processes and the interactions with dietary patterns and non-climate policies (Creutzig *et al* 2012a, PBL 2012, Popp *et al* 2014, Rose *et al* 2012, Sathaye *et al* 2011, Smith *et al* 2014b, Wise *et al* 2009), we simply use the total amount of bioenergy as an imperfect but available indicator for this range of potential risks.

For the purpose of this letter, the indicator refers to the percentage change in the primary energy supply of biomass – "Primary Energy|Biomass" (*Bioenergy*) – in 2050 relative to the baseline scenario.

$$\frac{Bioenergy^{\text{Mitigation}}(2050) - Bioenergy^{\text{Baseline}}(2050)}{Bioenergy^{\text{Baseline}}(2050)} \cdot 100\%$$

4.2.7 Maximum decadal PV and wind capacity upscaling

Modern electrical power systems widely differ in terms of their development and reliability across countries. But the balancing of electricity supply and demand requires complex operational planning from the management of instantaneous changes in demand to the longer-term investment decisions in generation capacity and transmission grids. Because the generators, interconnectors and loads are designed to operate within certain frequency limits, large amounts of only partially dispatchable and predictable power capacity are potentially a threat to the security and reliability of the system. This entails the need to build new grid infrastructure (e.g. grid reinforcements and new lines) both inside the region as well as interconnection to neighbouring regions. But because the construction of networks involves long lead times, "… major investments will be needed and will need to be

 $^{^{5}}$ Although South Korea (21.6GW) and South Africa (1.8GW) already have nuclear capacity (whose lifetime ends, however, before 2050), the AMPERE database does not report country-specific data in these cases. This likely implies a slight overestimation of the nuclear newcomers capacity – in baseline and mitigation scenarios.

undertaken in such a way, and far enough in advance, so as to not jeopardize the reliability and security of electricity supply (Sims *et al* 2011, p 627)."

With timing conflicts (PV and wind plants can be constructed in less than 2 years, while planning, permitting and constructing a transmission line takes 5 to 10 years) and cost recovery uncertainties, very fast upscaling of PV and wind power plants is a risk – both technically and economically (Sims *et al* 2011). Possible other solutions (such as curtailment, provision of ancillary services, demand-side measures and additional reserve capacity and storage facilities) may have to be relied on for higher penetration rates but also requires additional time and/or investments (Hirth 2013, Hirth and Ueckerdt 2013, Holttinen *et al* 2011, Söder *et al* 2007, Ueckerdt *et al* 2013). Because the majority of integrated models only report the various variables in 10-year time steps, we have to rely on decadal values for upscaling that we use as a mitigation risk indicator reflecting both technical and economic risks.

For the purpose of this letter the indicator refers to the maximum decadal increase (in percentage change) in the combined capacity of PV and wind power – "Capacity|Electricity|Solar|PV" (*Capacity_PV*) and "Capacity|Electricity|Wind" (*Capacity_Wind*) – between 2010 and 2050 relative to the maximum decadal increase in capacity in baseline scenarios.

$$\frac{CapacityUpscaling^{\text{Migitation}}(t) - CapacityUpscaling^{\text{Baseline}}(t)}{CapacityUpscaling^{\text{Baseline}}(t)} \cdot 100\%,$$

where

$$CapacityUpscaling = \max_{2010 < t < 2050} Capacity_PV(t) + Capacity_Wind(t)$$

4.2.8 Cumulative CO₂ emissions

As described in SI section 1, the emission pathways in integrated model mitigation scenarios are designed to meet different atmospheric CO₂eq concentrations or carbon budgets by 2100. They are, however, given the flexibility to overshoot the constraint over the course of the century. Otherwise, many models would not find a solution for mitigation scenarios with very low concentration targets. This implies that CO₂ emission trajectories and concentrations can differ substantially across alternative 2° C pathways – mainly depending on the deployment levels of negative emission technologies in the second half of the century (Clarke *et al* 2014, Fuss *et al* 2014). As described in SI section 3.1.10, this can have very different implications for the marine environment, because past CO₂ emissions can leave a substantial legacy in the marine environment due to delayed responses in the ocean interior and irreversibility of some of the impacts of ocean acidification, such as calcification (Boucher *et al* 2012, Zickfeld *et al* 2012). We hence look at differences in cumulative CO₂ emissions by 2050 in alternative 2° C pathways to approximate the changes is risks due to ocean acidification and its implication for marine ecosystems.

For the purpose of this letter, the indicator refers to the percentage change in cumulative CO_2 emissions – "Emissions | CO2" (*Emi_CO2*) – from 2020-2050.

 $\frac{Emi_CO2^{\text{Mitigation}} - Emi_CO2^{\text{Baseline}}}{Emi_CO2^{\text{Baseline}}} \cdot 100\%$

Cumulative values are calculated by multiplying the value in each timestep (t) by half the difference between that timestep's year (Y) and the previous timestep's year plus half the difference between its year and the next timestep's year, for all timesteps included in the period under consideration.

4.2.9 *Cumulative SO*₂ and *BC emissions*

The emissions arising from the combustion of fossil fuels, such as soot (black carbon, BC), sulfur dioxide (SO₂), nitrogen oxides (NOx) and mercury (Hg), cause significant and widespread human health impacts as well as ecological impacts as described in SI section 3.1.2. Although the negative environmental and health impacts primarily arise from the (regionally very different) concentration of these pollutants, the scenario databases merely report the amount of global emissions that serve here as indicator. There are, however, individual studies that establish a clear link between emissions, concentrations and the negative impacts of the pollutants in question (Rao *et al* 2013, Shindell *et al* 2012, Smith and Mizrahi 2013).

For the purpose of this letter, the indicator for cumulative BC Emissions (2020-2050) refers to the percentage change in the cumulative value of BC emissions – "Emissions|BC" (Emi_BC) – from 2020 to 2050 relative to the baseline scenario.

$$\frac{Emi_BC^{\text{Mitigation}} - Emi_BC^{\text{Baseline}}}{Emi_BC^{\text{Baseline}}} \cdot 100\%$$

For the purpose of this letter, the indicator for cumulative SO_2 Emissions (2020-2050) refers to the percentage change in the cumulative value of sulfur emissions – "Emissions|Sulfur" (*Emi_SO2*) – from 2020 to 2050 relative to the baseline scenario.

$$\frac{Emi_SO2^{\text{Mitigation}} - \text{Emi}_SO2^{\text{Baseline}}}{Emi\ SO2^{\text{Baseline}}} \cdot 100\%$$

4.2.10 Cumulative global oil trade

For oil trade, we measure interregional oil trade as an indicator for the concerns around the sovereignty perspective that sees the origin of risks in deliberate actions of foreign actors (Jewell *et al* 2014). While this indicator does capture lower risks from decreasing oil imports, it also measures lost oil export revenues for oil exporters, which is most likely a loss rather than a benefit for major oil exporting countries which would lose oil export revenues from a fall of oil trade (Clarke *et al* 2014).

With increasing ambition of mitigation, however, global oil trade is projected to significantly decrease. One important aspect is that development pathways characterized by lower energy intensity (EI) are often likely to rely more heavily on oil than mitigation scenarios with conventional EI assumptions (see figure S5) because the mitigation options in the transport sectors are among those with the highest costs (Kriegler *et al* 2014b). Theoretically, the mitigation costs saved from lower EI could be used to lower the energy security risks around the reliance of the transport sector on oil.

For the purpose of this letter, the indicator refers to the percentage change in global oil imports, i.e. the sum of positive "Trade|Primary Energy|Oil|Volume" in each region r between 2020 and 2050 (*Trade_Oil*) relative to the baseline scenario.

$$\frac{\sum_{r} Trade_{Oil_{r}^{\text{Mitigation}}} - \sum_{r} Trade_{Oil_{r}^{\text{Baseline}}}}{\sum_{r} Trade_{Oil_{r}^{\text{Baseline}}}} \cdot 100\%$$

4.2.11 Cumulative oil extraction

For the robustness perspective related to oil security, we measure the cumulative extraction of oil resources as a relevant indicator for judging scarcity concerns (Jewell *et al* 2014). While the 'peak-oil' theory is still debated, even the perception of resource scarcity can lead to price volatility (McCollum *et al* 2013). Although global conventional oil reserves are limited, oil demand projections often exceed these already by 2050 in baseline scenarios (Rogner *et al* 2012). An alternative to conventional oil reserves would be to draw on so-called unconventional oil reserves. This alternative is, however, problematic, as there is considerable evidence that unconventional oil production involves bigger environmental and health risks as well as an increased carbon intensity of production, relative to conventional oil production (Bruckner *et al* 2014, Rogner *et al* 2012). For instance, Canada's oil sands production appears to generate three times as many GHG emissions as its conventional oil production. Moreover, it is plausible that part of the water used in oil sands production pollutes the ground water. There is also evidence of it altering ecosystems (Engemann and Owyang 2010, Woynillowicz *et al* 2005).

Analogously, the production of oil shale has also been found to emit more GHGs than conventional oil production, decrease water quality, and permanently change ecosystems (Bartis *et al* 2005, Engemann and Owyang 2010). As a final example, Rogner *et al* (2012, p. 437) note that "severe soil and water contamination by chlorinated hydrocarbons and heavy metals" is likely to result from the processing of raw unconventional oil into sellable oil.

For the purpose of this letter, the indicator refers to the percentage change in the cumulative extraction of crude oil – "Resource|Cumulative Extraction|Oil" (*Oil*) – between 2020 and 2050 relative to the baseline scenario.

$$\frac{Oil^{\text{Mitigation}} - Oil^{\text{Baseline}}}{Oil^{\text{Baseline}}} \cdot 100\%$$

4.2.12 Fuel diversity of transport sector

For the resilience perspective, we measure the fuel diversity of the transport sector which currently is very low in most countries of the world due to high reliance on oil (Cherp *et al* 2012). For countries that are net importers of oil, the exposure to volatile and unpredictable oil prices affects the terms of trade and their economic stability (Sathaye *et al* 2011). Electrification of the transport sector and switching to biofuels would decrease the oil dependency by diversifying the energy supply, thus increasing resilience (Jewell *et al* 2014). Although mitigation scenarios often project less oil demand by 2050 relative to baseline developments, cost-effective technological options in the transport sector to substitute oil are still limited (Sims *et al* 2014). Global roll-out of alternative propulsion technology,

particularly in the individual mobility sector, is likely to require clear price signals in many countries (either through global cooperation on carbon pricing or transport sector innovation) to spread the enormous investment costs in R&D, early deployment and diffusion (Bosetti *et al* 2011).

For the purpose of this letter, the indicator refers to the percentage change in the Shannon Wiener Diversity Index (SWDI) – multiplied by -1 to measure transport sector oil reliance, a SD risk, rather than fuel diversity of the transport sector, a policy objective – of the five most widely used final energy carriers in the transport sector – oil ('Final Energy|Transportation|Liquids|Oil'), biofuels ('Final Energy|Transportation|Liquids|Biomass'), gases ('Final Energy|Transportation|Gases'), electricity ('Final Energy|Transportation|Electricity'), and hydrogen ('Final Energy|Transportation|Hydrogen'). The SWDI is the sum of the share of each final energy carrier (*f*) in total final transport energy ('Final Energy|Transportation') (*t*) multiplied by its natural logarithm.

$$\frac{\sum_{f} (\frac{f}{t} \cdot \ln(\frac{f}{t}))^{\text{Mitigation}} - \sum_{f} (\frac{f}{t} \cdot \ln(\frac{f}{t}))^{\text{Baseline}}}{\sum_{f} (\frac{f}{t} \cdot \ln(\frac{f}{t}))^{\text{Baseline}}} \cdot 100\%$$

5 AMPERE model inter-comparison project

AMPERE is an EU-funded international effort that stands for 'Assessment of Climate Change Mitigation Pathways and Evaluation of the Robustness of Mitigation Cost Estimates'. This intercomparison project of integrated models focused on the mitigation challenge of delayed and fragmented climate policy. AMPERE compares results from a wide range of internationally recognized energy-economy-climate models with different functional structures, parametric assumptions, and sectoral coverage (see table S1). The model diversity allowed identifying model uncertainty (i.e., where model results differed widely) and robust insights (i.e., where model results were similar).

AMPERE covered several key aspects not assessed in previous inter-comparison projects:

- Impact of short-term climate policies on the achievability of long-term mitigation goals;
- Role of individual technologies within the mitigation technology portfolio;
- Harmonization of key socioeconomic drivers (GDP, population and energy demand growth);
- Economic effects and climate benefits of early unilateral followed by delayed global action;
- Costs and benefits of alternative European Union climate policy choices;
- Diagnosing model behavior and assessing model validity to better understand differences.

The first two aspects are particularly important for this letter's analysis which is why the respective scenario specifications are described in more detail in table S3. The third point is also of importance for this analysis (see discussion) since harmonized key socioeconomic drivers allow a better mapping of the changes in the model variables to climate policy signals across models. The main finding of AMPERE is that any emissions resulting from low-ambitious short-term climate policies (until 2030) would need to be compensated over a relatively short timeframe (2030-2050) to stay within the limited carbon budget associated with restricting warming to 2°C (see figure S3).





Mitigation scenarios with low-ambitious short-term climate policies ("HST") would require quadrupling the low-carbon energy share and global CO_2 emission cuts of 6-8% per year in the two decades between 2030 and 2050. This means that almost half the global energy supply infrastructure would require replacement over a narrow two decade period. In optimal immediate climate policy scenarios ("OPT"), the energy system transition between 2030 and 2050 required to limit warming to 2°C would still be highly challenging, requiring a doubling of the low-carbon energy share and carbon intensity reductions of 3-4% per year (see figure S4).



illustrates the required carbon intensity reduction rates and panel (b) the required upscaling of lowcarbon energy supply. Historical annual carbon intensity change rates from 1900 to 2010 (sustained over 20-year periods) are shown in grey in panel (a). Boxplots indicate median, interquartile and full ranges of model results. Source: Kriegler *et al* (2014a).

The AMPERE models project a global mean warming of $3.5 - 5.9^{\circ}$ C above pre-industrial levels by 2100 for the baseline scenarios, depending on the uncertainty in emissions and climate parameters (table S2). By contrast, all mitigation scenarios that are analyzed in this letter are scenarios designed to stay within the cumulative emission budget of 1500 GtCO₂ (2000–2100) – which largely corresponds to the mitigation scenarios with 450 ppm CO₂-equivalent concentrations at the end of the century (Clarke *et al* 2014, Riahi *et al* 2015, Schaeffer *et al* 2015). For median assumptions, this implies a 42-47% probability of not exceeding the 2°C target for all 450-FullTech scenarios which corresponds to maximum temperature changes of 2.5°C (see table S3).

Table S2. GHG emissions, atmospheric concentrations, and temperature consequences in the "FullTech" scenarios. Numbers correspond to the median and the full range across the scenarios. Note that for the climate simulations, emissions were harmonized to the same base year using inventories from Granier *et al* (2011) and Lamarque *et al* (2010) (adapted from Riahi *et al* 2015).

	CO ₂ Emission (2030) GtCO ₂	CO₂eq Emissions (2030) GtCO₂e	Cumulative CO ₂ emissions (2000-2100) GtCO ₂	CO ₂ eq concentrations (2100) ppm	Temperature change (max) °C	Probability of exceeding 2°C (max) %
Baseline	53 (50-67)	71 (68-83)	6,268 (5,670-8,755)	1,143 (1,023-1,338)	4.6 (3.5-5.9)	100 (100-100)
450 optimal	31 (24-45)	46 (35-60)	1,330 (1,242-1,350)	485 (453-522)	1.9 (1.5-2.4)	42 (26-84)
450 LST	39 (37-42)	53 (53-53)	1,335 (1,263-1,379)	488 (455-524)	2.0 (1.5-2.5)	45 (28-84)
450 HST	46 (44-49)	61 (60-61)	1,344 (1,274-1,382)	484 (452-520)	2.0 (1.6-2.5)	47 (28-84)

Table S3. Miti	gation technolo	gy choices	and short-terr	n climate	policy	stringencies	assumed i	n the
AMPERE scena	arios (adapted fr	om Riahi <i>e</i>	et al 2015).					

Short-term targets (2030)	Description	Scenario name
Low short-term target	Global emissions follow a high ambition pledge pathway reaching 53 GtCO ₂ eq by 2030. Thereafter ambitions are adjusted to meet the long- term target (450 CO ₂ eq)	"LST"
High short-term target	Global emissions follow a low ambition pledge pathway reaching 61 GtCO ₂ eq by 2030. Thereafter ambitions are adjusted to meet the long- term target (450 CO ₂ eq)	"HST"
Optimal policy	Global emissions follow an optimal pathway assuming immediate introduction of climate policies to meet the long-term target (450 ppm CO ₂ eq). No explicit short-term target for 2030 is assumed.	"ОРТ"
Technology cases	Description	Scenario name
Full technology	The full portfolio of technologies is available and may scale up successfully to meet the respective climate targets	"FullTech"
Low Demand and Energy Intensity	A combination of stringent efficiency measures and behavioural changes radically limits energy demand, leading to a doubling of the rate energy intensity improvements compared to the past. The full portfolio of technologies is available on the supply side.	"LowEl"
No new nuclear	No new investments into nuclear power after 2020; existing plants are fully phased out over their life time.	"NucOff"
No CCS	The technology to capture and geologically store carbon dioxide (CCS) never becomes available. This impacts both the potential to implement lower emission options with fossil fuels and the possibility to generate "negative emissions" when combined with bioenergy.	"NoCCS"
Limited Solar and Wind	Limited contribution of solar and wind to 20% of total power generation, reflecting potential implementation barriers of variable renewable energy at high penetration rates	"LimSW"
Limited Biomass	Limited potential for biomass (maximum of 100 EJ/yr), exploring strategies that would avoid large-scale expansion of bioenergy and thus avoid potential competition over land for food and fibre	"LimBio"

6 Supplementary figures



scenarios with lower energy demand growth (blue). The thick coloured lines show median results, coloured ranges show interquartile ranges and whiskers show the minimum and maximum results.



integrated models (GCAM, IMAGE, MESSAGE, POLES, REMIND) relative to baseline scenarios, comparing immediate mitigation scenarios assuming full availability of mitigation technologies (grey) with mitigation scenarios assuming no new nuclear capacity (red) or limited potential for solar and wind energy (yellow). The thick coloured lines show median results; coloured ranges show interquartile ranges. Neither the distance of individual data points to the 0%-line nor the total area covered by the shaded area are good guidance for the overall mitigation risk of particular scenarios. Instead, the evaluation differs for locally specific contexts with varying priority settings and risk perceptions.



integrated models (DNE21+, GCAM, MESSAGE, POLES, REMIND, WITCH) relative to baseline scenarios, comparing immediate mitigation scenarios (grey) with delayed mitigation scenarios with high short-term targets (pink) or low short-term targets (purple). The thick coloured lines show median results; coloured ranges show interquartile ranges. Neither the distance of individual data points to the 0%-line nor the total area covered by the shaded area are good guidance for the overall mitigation risk of particular scenarios. Instead, the evaluation differs for locally specific contexts with varying priority settings and risk perceptions.



Figure S8. Percentage changes in mitigation risk dimensions in alternative 2°C pathways for six integrated models (DNE21+, GCAM, MESSAGE, POLES, REMIND, WITCH) relative to reference values or values from baseline scenarios, comparing immediate mitigation scenarios assuming full availability of mitigation technologies (grey) with delayed mitigation scenarios assuming full availability of mitigation technologies (pink) or no new nuclear capacity (red). The thick coloured lines show median results; coloured ranges show interquartile ranges. Neither the distance of individual data points to the 0%-line nor the total area covered by the shaded area are good guidance for the overall mitigation risk of particular scenarios. Instead, the evaluation differs for locally specific contexts with varying priority settings and risk perceptions.



Figure S9. Percentage changes in mitigation risk dimensions in alternative 2°C pathways for four integrated models (GCAM, MESSAGE, POLES, REMIND) relative to reference values or values from baseline scenarios, comparing immediate mitigation scenarios assuming full availability of mitigation technologies (grey) with delayed mitigation scenarios assuming full availability of mitigation technologies (pink) or limited potential for solar and wind energy (warm yellow). The thick coloured lines show median results; coloured ranges show interquartile ranges. Neither the distance of individual data points to the 0%-line nor the total area covered by the shaded area are good guidance for the overall mitigation risk of particular scenarios. Instead, the evaluation differs for locally specific contexts with varying priority settings and risk perceptions.



POLES, REMIND, WITCH) relative baseline scenarios, comparing mitigation scenarios assuming full availability of mitigation technologies with low overshoot 'O1' ($< 0.4 \text{ W/m}^2$) and high ($> 0.4 \text{ W/m}^2$) overshoot 'O2' (see Clarke *et al* 2014 for details). The thick coloured lines show median results; coloured ranges show interquartile ranges. Neither the distance of individual data points to the 0%-line nor the total area covered by the shaded area are good guidance for the overall mitigation risk of particular scenarios. Instead, the evaluation differs for locally specific contexts with varying priority settings and risk perceptions.



POLES, REMIND, WITCH) relative to baseline scenarios, comparing mitigation scenarios assuming full availability of mitigation technologies with low overshoot 'O1' ($< 0.4 \text{ W/m}^2$) and high (> 0.4 W/m²) overshoot 'O2' (see Clarke *et al* 2014 for details). The thick coloured lines show median results; coloured ranges show interquartile ranges. Neither the distance of individual data points to the 0%-line nor the total area covered by the shaded area are good guidance for the overall mitigation risk of particular scenarios. Instead, the evaluation differs for locally specific contexts with varying priority settings and risk perceptions.

Table S4. Data underlying Figure 5. Percentage changes in median values of indicators for SD risk dimensions in different constrained 2°C pathways relative to optimal pathways (assuming immediate mitigation with full availability of mitigation technologies and conventional energy demand growth).

			Median value									
		Madianualua	of longingall	D								
		iviedian value	or optimal	Percentage								
		of indicator	2°C scenario	change [%]	Year(s)	DN	VE21 0	GCAM	MESSAGE	POLES	REMIND	WITCH_
Mitigation scenario	Indicator	of the resp	ective models			V.:	12 3	3.0	V.4	AMPERE	1.5	AMPERE
AMPERE2-450-FullTech-OPT	Cumulative CO ₂ Emissions [Gt]	812896.90	812896.90	0.0	2020-50	x	x	(x	x	х	x
AMPERE2-450-NucOff-OPT	Cumulative CO. Emissions [Gt]	813594.96	812896.90	01	2020-50	v	v	,	v	v	v	v
	Cumulative CO ₂ Emissions [Ct]	005455.60	072256,50	, 0,1	2020-50	^	^		^	^	^	^
AMPEREZ-450-LIMSW-OPT	Cumulative CO ₂ Emissions [Gt]	805455,62	8/3256,50	-1,6	2020-50		×	(x	x	x	
AMPERE2-450-LimBio-OPT	Cumulative CO ₂ Emissions [Gt]	676945,25	873256,50	-24,2	2020-50		x	(х	х	х	
AMPERE2-450-NoCCS-OPT	Cumulative CO ₂ Emissions [Gt]	721414.77	873256.50	-27.9	2020-50	x	x	(x		х	
AMPERE2-450-LOWEL-OPT	Cumulative CO. Emissions [Gt]	921072 44	912906.00	0.7	2020-50	v		,	v	v	v	v
AIVIPERE2-430-LOWEI-OPT	culturative CO ₂ Ethissions [Gt]	021075,44	012090,90	, 0,2	2020-30	^	^		*	*	*	*
AMPERE2-450-FullTech-LST	Cumulative CO. Emissions [Gt]	843678.04	812896.90	76	2020-50	v	×	,	v	v	v	v
		043070,04	012050,50	, ,,,	2020 30	^	^		^	^	^	^
AMPERE2-450-NucOff-LST	Cumulative CO ₂ Emissions [Gt]	842362,81	812896,90	7,5	2020-50	х	x	C	х	х	х	x
AMPERE2-450-LimSW-LST	Cumulative CO ₂ Emissions [Gt]	901729,82	873256,50	3,4	2020-50		x	(x	х	х	
AMPERE2-450-LimBio-LST	Cumulative CO ₂ Emissions [Gt]	781099.87	873256.50	6.7	2020-50		x	(x	x	x	
AMPERED 4E0 NoCCE LET	Cumulative CO. Emissions [Ct]	012276 62	1026002.61	17 1	2020 50	~						
AIVIPEREZ-450-INOCCS-LST	Cumulative CO ₂ Emissions [GL]	812370,02	1026093,61	-17,2	2020-50	×	×	(
AMPERE2-450-LowEI-LST	Cumulative CO ₂ Emissions [Gt]	864305,32	812896,90	11,7	2020-50	х	x	(х	х	х	x
AMPERE2-450-EullTech-OPT	Cumulative SO ₂ Emissions [Gt]	1748 35	1748 35	0.0	2020-50	×	×	<i>(</i>	x	x	x	x
	Cumulative SO Emissions [Ct]	1710,55	1740.05	0,0	2020 50							
AIVIPEREZ-450-INUCOTT-OPT	cumulative SO ₂ Emissions [GL]	1/38,58	1/48,35	, U,L	2020-50	×	×	(x	x	x	x
AMPERE2-450-LimSW-OPT	Cumulative SO ₂ Emissions [Gt]	1509,10	1560,63	-3,3	2020-50		×	c	х	х	х	
AMPERE2-450-LimBio-OPT	Cumulative SO ₂ Emissions [Gt]	1324,99	1560,63	-16,1	2020-50		x	(x	х	х	
AMPERE2-450-NoCCS-ORT	Cumulative SO Emissions [Gt]	12/19 09	17/9 25		2020-50	v	~	,	v		v	
		1240,50	1740,00	,	2020 30	^	^		^		^	
AMPEREZ-450-LOWEI-OPT	Cumulative SO ₂ Emissions [Gt]	1698,26	1/48,35	1,4	2020-50	x	×	(x	x	x	x
ANADERES 450 FullTash LCT	Cumulative CO. Emissions [Ct]	1724.12	1740.05		2020 50							
AIVIPEREZ-450-FUITECR-LST	cumulative SO ₂ Emissions [Gt]	1/24,12	1/48,35	2,4	2020-50	×	X		*	*	*	*
AMPERE2-450-NucOff-LST	Cumulative SO ₂ Emissions [Gt]	1727,50	1748,35	2,3	2020-50	х	x	(х	х	х	х
AMPERE2-450-LimSW-LST	Cumulative SO ₂ Emissions [Gt]	1594,31	1560,63	2,2	2020-50		x	(x	x	х	
AMPERE2-450-LimBio-LST	Cumulative SO ₂ Emissions [Gt]	1495.05	1560.63	-27	2020-50		v	(x	x	x	
	Cumulative CO. Emissions [Ct]	4703,03	2024.00	-2,7	2020 50		^					
AMPERE2-450-NoCCS-LST	Cumulative SO ₂ Emissions [Gt]	1/82,04	2021,98	-12,5	2020-50	х	x	(
AMPERE2-450-LowEI-LST	Cumulative SO ₂ Emissions [Gt]	1753,20	1748,35	5 7,3	2020-50	х	×	c	х	х	х	x
				1								
AMPERE2-450-FullTech-OPT	Cumulative BC Emissions [Gt]	186,11	186,11	0,0	2020-50	х	x	(x		x	
AMPERE2-450-NucOff-OPT	Cumulative BC Emissions [Gt]	186,95	186,11	0,0	2020-50	х	x	(х		х	
AMPERE2-450-LimSW-OPT	Cumulative BC Emissions [Gt]	172,44	176,57	-2,3	2020-50		x	c	х		х	
AMPERE2-450-LimBio-OPT	Cumulative BC Emissions [Gt]	167.65	176 57		2020-50			,	v		v	
AWFEREZ-430-EIIIBIO-OFT		107,05	170,57	-0,3	2020-30		^	`	^		^	
AMPERE2-450-NoCCS-OPT	Cumulative BC Emissions [Gt]	172,89	186,11	-7,1	2020-50	х	x	(x		х	
AMPERE2-450-LowEI-OPT	Cumulative BC Emissions [Gt]	166,20	168,89	-1,6	3 2020-50	х	x	c	х		х	
AMPERE2-450-FullTech-LST	Cumulative BC Emissions [Gt]	178,17	186,11	-1,6	5 2020-50	х	×	c	х		х	
AMPERE2-450-NucOff-LST	Cumulative BC Emissions [Gt]	178,99	186.11	-1.1	2020-50	×	x	(x		x	
	Cumulative BC Emissions [Ct]	101.01	170 57		2020 50							
AIVIPERE2-430-LIIII3 W-L31		101,01	170,37	-1,7	2020-30		~		*		x	
AMPERE2-450-LimBio-LST	Cumulative BC Emissions [Gt]	159,42	176,57	-9,7	2020-50		x	(x		х	
AMPERE2-450-NoCCS-LST	Cumulative BC Emissions [Gt]	203,10	212,57	-4,7	2020-50	х	x	c				
AMPERE2-450-LowEI-LST	Cumulative BC Emissions [Gt]	166 19	186 11	-5.4	2020-50	×	×	<i>,</i>	x		x	
		100,15	100,11		2020 30	^	^	<u> </u>	~		~	
		_										
AMPERE2-450-FullTech-OPT	Cumlative global oil trade [EJ]	3338,07	3338,07	0,0	2020-50		x	(х	х	х	х
AMPERE2-450-NucOff-OPT	Cumlative global oil trade [EJ]	3369,41	3338,07	-0,2	2020-50		x	c	х	x	х	x
AMPERE2-450-LimSW-OPT	Cumlative global oil trade [EI]	3294 56	3307 93	-0.4	2020-50		×	<i>,</i>	x	x	x	
		2004.02	2207,02		2020 50				~			
AMPERE2-450-LIMBIO-OPT	Cumiative global oli trade [EJ]	3094,82	3307,93	-8,1	2020-50		×	(x	x	x	
AMPERE2-450-NoCCS-OPT	Cumlative global oil trade [EJ]	2881,66	3338,07	-13,7	2020-50		x	(х		х	
AMPERE2-450-LowEI-OPT	Cumlative global oil trade [EJ]	3014,26	3338,07	-8,0	2020-50		x	(х	х	х	x
AMPERE2-450-FullTech-LST	Cumlative global oil trade [EJ]	3378,56	3338,07	-0,5	2020-50		x	c	х	x	х	x
AMPERE2-450-NucOff-LST	Cumlative global oil trade [FI]	3375 27	3338.07	11	2020-50		×	,	v	v	v	v
AND EDG2 450 HUCOT LOT		2207.45	2207.02	1,1	2020 50		Â		~	^	^	^
AIVIPERE2-450-LIMSW-LST	Cumiative global oli trade [EJ]	3307,45	3307,93	- U ,E	2020-50		×	(x	x	x	
AMPERE2-450-LimBio-LST	Cumlative global oil trade [EJ]	3082,99	3307,93	-6,8	3 2020-50		x	(х	х	х	
AMPERE2-450-NoCCS-LST	Cumlative global oil trade [EJ]	2875.70	3338.07	-13.9	2020-50		×	(
AMPERES 4E0 LowELLST	Cumlative global oil trade [EI]	2010,10	2220,01		2020 50				v	v	v	v
CIVIT LINE2-450-LUWEI-L3	connative grouar on trade [EJ]	5067,27	5556,07	-5,6	2020-30	<u>├</u>	×	`	^	^	^	^
<u> </u>		_	ļ			\vdash						
AMPERE2-450-FullTech-OPT	Cumulative oil extraction [EJ]	6149,59	6149,59	0,0	2020-50	х	x	(х	x	х	x
AMPERE2-450-NucOff-OPT	Cumulative oil extraction [EJ]	6144,59	6149,59	-0.4	2020-50	x	x	(x	x	x	х
AMPERE2-450-LimSW-OPT	Cumulative oil extraction [FI]	6030 16	61/19 50		2020-50			,	x	x	x	
		5442.24	6145,55	1,7	2020 50		Â		~	^	^	
AMPERE2-450-LIMBIO-OPT	Cumulative oil extraction [EJ]	5142,31	6149,59	-10,5	2020-50		×	(x	x	x	
AMPERE2-450-NoCCS-OPT	Cumulative oil extraction [EJ]	5362,68	6451,85	-17,1	2020-50	х	x	(х		х	
AMPERE2-450-LowEI-OPT	Cumulative oil extraction [EJ]	5729.45	6149.59	-7.0	2020-50	х	×	(х	х	х	х
AMPERE2-450-FullTech-LST	Cumulative oil extraction [EJ]	6016,11	6149,59	0,6	3 2020-50	х	x	c	х	x	х	x
AMPERE2-450-NucOff-LST	Cumulative oil extraction [EI]	6020 79	6149 59	0.0	2020-50	×	×	<i>,</i>	x	x	x	x
ANDERED 4E0 Harcht LCT	Cumulative oil extraction [51]	0020,75	C140 50	5,5	2020 50	r í	- î					
AIVIPERE2-450-LITTIS W-LST	cumulative on extraction [EJ]	0082,80	6149,55	-1,1	2020-50		X	(x	x	x	
AMPERE2-450-LimBio-LST	Cumulative oil extraction [EJ]	5134,03	6149,59	-9,9	2020-50		x	(х	х	х	
AMPERE2-450-NoCCS-LST	Cumulative oil extraction [EJ]	5560,36	6451,85	-13,9	2020-50	х	x	(
AMPERE2-450-LowFI-LST	Cumulative oil extraction [FI]	5683 63	6149 50	-67	2020-50	×	v	(x	x	x	x
		5005,05	01-0,00	-3,7	1010 30	r î						
AMPERE2-450-FullTech-OPT	Fuel diversity of transport [SWDI]	-0,82	-0,82	0,0	2050	х	x	(x	x	x	
AMPERE2-450-NucOff-OPT	Fuel diversity of transport [SWDI]	-0,78	-0,82	-0,1	2050	x	x	(x	x	x	
AMPERE2-450-LimSW-OPT	Eucl diversity of transport [SWDI]	-0 91	-0.90) _1 3	2050		v	(x	x	x	
	East drawing of compose (overla)	-0,91	-0,90		2030			•				
AMPERE2-450-LimBio-OPT	Fuel diversity of transport [SWDI]	-1,03	-0,90	-11,1	2050		x	(x	x	x	
AMPERE2-450-NoCCS-OPT	Fuel diversity of transport [SWDI]	-1,16	-0,88	-31,2	2050	x	x	(x		х	
AMPERE2-450-LowEI-OPT	Fuel diversity of transport [SWDI]	-0.63	-0.82	22.9	2050	x	x	(x	x	x	
	2					I I						
AMPERE2-450-FullTech-LST	Fuel diversity of transport [SWDI]	-0,98	-0,82	-2.8	2050	x	x	(x	x	x	
AMPERE2-450-NucOff-LST	Fuel diversity of transport [SWDI]	-0.00	-0 97	_10	2050	v		,	x	x	x	
	Evol divorcity of transport [OWD1]	0,35	0,82	- 1,0	2030	L L	^					
AIVIPEREZ-450-LIMSW-LST	ruer urversity of transport [SWDI]	-0,94	-0,90	, -4,8	2050		x		*	*	*	
AMPERE2-450-LimBio-LST	Fuel diversity of transport [SWDI]	-1,09	-0,90	-14,5	2050		x	(х	х	х	
AMPERE2-450-NoCCS-LST	Fuel diversity of transport [SWDI]	-1,38	-0,88	-60.6	2050	x	x	(
AMPERE2-450-LowFI-LST	Fuel diversity of transport [SWDI]	-0.93	-0.87	16 3	2050	×	×	(x	x	x	

| | | | |
 | | -

 | |

 |

 | | - | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | |
 | | | | |
 | | | | | |
|--|--|--|---
--|---
--
--
--|---
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--
--

--
--
--
--
--
--
--
--
--
--
--
--
--
--|---|---|---|---|---
---	--	---
--
--
--
--
--
--
--
--
--
--
--
---	---	---	--
--|--|---|---
--|---|---|--|--|---
---|--|--
---|---|---|--|---|---
---|--|--|---
--|--|---|---
--|--|---|---|--
--|--|---|---
--|--|---
--|--|---|---|--
--|---|--|--
--
--
--
--|---|---
--

---|---|--|--|---
--|--|---
--
--
--|---
--
--
--
--
--
--
--
--
--
--
--
--
--

--
--
--
--
--
--
--
--
--
--
--
--
--
--|---|---|---|--|--
---	--	---
--
--
--
--
--
--
--
--
--
--
--
---	---	---	---
--|--|---|---
--|---|---|--|--|--|---
--|--|---|---|---|---|--
---|---|--|--|--|--
--|---|---|---|--|---
---|--|---|--|---
---|---|---|---|--
---|---|---|--|--|--
--|---|--
--|---|---|--
---|---|--|---|---|--
--|---
--
--
--|---|---
--
---|---
---|---|--|--|--
--	---	---	--
AMPERE2-450-FullTech-OPT	Maximum transitional growth reduction	41,09	41,09
 | 0-50 |

 | | х

 |

 | х | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NucOff-OPT | Maximum transitional growth reduction | 45 11 | 45 15 | 33 8 202
 | 0-50 |

 | | ¥

 |

 | x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | 25.04 | 25,22 | 22,2,202
 | 0.50 |

 | - | A

 |

 | ~ | ~ | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPEREZ-450-LIMSW-OPT | Maximum transitional growth reduction | 35,01 | 35,33 | 32,3 202
 | 0-50 |

 | | X

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LimBio-OPT | Maximum transitional growth reduction | 42,59 | 43,66 | 107,5 202
 | 0-50 |

 | | х

 |

 | х | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT | Maximum transitional growth reduction | 42.23 | 43.75 | 152.0 202
 | 0-50 |

 | | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPEREZ 4EO LOWEL ORT | Maximum transitional growth reduction | 41.70 | 41.02 | 35 7 202
 | 0.50 |

 | - |

 |

 | ~ | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIFEREZ-430-LOWEI-OFT | Maximum cransicional growch reduction | 41,20 | 41,02 | -23,7 202
 | 0-30 | -

 | | ^

 |

 | ^ | ^ | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPEPE2 450 FullToch I ST | Maximum transitional growth reduction | 28.65 | 20.02 | 110 / 202
 | 0.50 |

 | | v

 |

 | v | v | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIPERE2-430-FullTech-L31 | Maximum transitional growth reduction | 20,03 | 50,02 | 119,4 202
 | 0-50 | -

 | |

 |

 | X | * | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NucOff-LST | Maximum transitional growth reduction | 28,62 | 30,07 | 144,4 202
 | 0-50 |

 | | х

 |

 | х | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LimSW-LST | Maximum transitional growth reduction | 28,35 | 29,47 | 112,5 202
 | 0-50 |

 | | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| ANADEDE2 450 Limbia LCT | | 20,02 | 22,00 | 204 2 202
 | 0.50 |

 | - |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIPEREZ-450-LIMBIO-LST | Maximum transitional growth reduction | 29,83 | 32,88 | 304,3 202
 | 0-50 | _

 | | X

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-LST | Maximum transitional growth reduction | n/a | n/a | n/a 202
 | 0-50 |

 | | х

 |

 | х | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LowEI-LST | Maximum transitional growth reduction | 29.40 | 28 25 | -3.0 202
 | 0-50 |

 | | x

 |

 | x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | 23,10 | 20,20 | 0,0 202
 | 0.50 | -

 | - |

 | _

 | ~ | ~ | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | | |
 | |

 | _ |

 |

 | _ | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-FullTech-OPT | Maxium decadal energy price growth | 1,33 | 1,33 | 0,0 202
 | 0-50 |

 | | х

 |

 | х | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NucOff-OPT | Maxium decadal energy price growth | 1.21 | 1.19 | 1.8 202
 | 0-50 |

 | | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | 1.40 | 1 20 | C 8 202
 | 0.50 |

 | - |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPEREZ-450-LIMSW-OPT | Maxium decadal energy price growth | 1,40 | 1,30 | 6,8 202
 | 0-50 | _

 | _ | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LimBio-OPT | Maxium decadal energy price growth | 1,46 | 1,30 | 11,6 202
 | 0-50 |

 | | х

 |

 | х | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT | Maxium decadal energy price growth | 1.62 | 1 30 | 23 4 202
 | 0-50 |

 | | v

 |

 | v | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | Maxiani de cadar energy price growth | 1,02 | 1,50 | 23,4 202
 | 0.50 | -

 | | ^

 |

 | ^ | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LowEI-OPT | Maxium decadal energy price growth | 1,21 | 1,21 | 0,6 202
 | 0-50 |

 | | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | | |
 | | -

 | | _

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-FullTech-LST | Maxium decadal energy price growth | 1,38 | 1,23 | 12,3 202
 | 0-50 |

 | | х

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NucOff-LST | Maxium decadal energy price growth | 1.40 | 1.23 | 13.9 202
 | 0-50 |

 | | ×

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | Maxian de cadal energy price growth | 1,10 | 1,20 | 20,0 202
 | 0.50 | -

 | |

 | _

 | | _ | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIPERE2-450-LIMSW-LST | Maxium decadal energy price growth | 1,52 | 1,23 | 23,2 202
 | 0-50 |

 | | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LimBio-LST | Maxium decadal energy price growth | 2,24 | 1,28 | 76,6 202
 | 0-50 |

 | | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-LST | Maxium decadal energy price growth | n/a | n/a | n/a 202
 | 0-50 |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | Maxium de cadal er cricity price growth | 11/ 0 | 11/0 | 0.000
 | 0.50 | -

 | - | -

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOWEI-LST | Maxium decadal energy price growth | 1,40 | 1,28 | 9,8 202
 | 0-50 |

 | | X

 |

 | X | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | | 1 |
 | 1 | 1

 | 1 |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450 FullTach OPT | Share of idle coal canacity | 0.41 | 0.41 | 0.0
 | 2050 | v

 | v | v

 | v

 | v | v | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| ANT LILZ-430-FUITECH-OPT | and the coarcapacity | 0,41 | 0,41 | 0,0
 | 2030 | ^

 | ^ | ^

 |

 | * | A | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NucOff-OPT | Share of idle coal capacity | 0,56 | 0,41 | -1,5
 | 2050 | х

 | х | x

 | х

 | х | х | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LimSW-OPT | Share of idle coal capacity | 0.35 | 0.41 | 1.1
 | 2050 |

 | х | x

 | x

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERED 450 Limple OPT | Share of idle coal capacity | 0,00 | 0.41 | 7.0
 | 2050 | 1

 | v | ~

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIPEREZ-450-LIMBIO-OPT | Share of fulle coal capacity | 0,77 | 0,41 | 7,0
 | 2050 | -

 | x | ×

 | x

 | x | _ | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT | Share of idle coal capacity | 0,45 | 0,21 | 7,0
 | 2050 | х

 | х | x

 |

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LowFI-OPT | Share of idle coal capacity | 0.43 | 0.41 | 0.3
 | 2050 | x

 | х | x

 | x

 | x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | 5,45 | 5,41 | 5,5
 | | T.

 | |

 | ~

 | ~ | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-FullTech-LST | Share of idle coal canacity | 0.95 | 0.41 | 24 0
 | 2050 | v

 | x | y

 | v

 | v | y | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | Characteristic courceptorey | 0,00 | 0,41 | 47.5
 | 2050 | <u>^</u>

 | ^ | ^

 | A

 | ^ | ^ | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIPERE2-450-NucOtt-LST | Snare of idle coal capacity | 0,81 | 0,41 | 17,8
 | 2050 | х

 | х | X

 | х

 | х | х | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LimSW-LST | Share of idle coal capacity | 0,81 | 0,41 | 9,0
 | 2050 |

 | x | x

 | x

 | x | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPEPE2-450-LimBio-LST | Share of idle coal capacity | 0.90 | 0.41 | 10.1
 | 2050 |

 | v | v

 | v

 | v | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIPERE2-450-LIIIIBIO-L31 | | 0,09 | 0,41 | 19,1
 | 2030 | _

 | x |

 | *

 | * | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-LST | Share of idle coal capacity | 0,59 | 0,17 | 276,1
 | 2050 | х

 | х |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LowEI-LST | Share of idle coal capacity | 0.83 | 0.41 | 27.1
 | 2050 | х

 | x | x

 | x

 | x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| | | | -1 | ,
 | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| ANADEDES AFO F. UT. IL ODT | CO | 40044 70 | 10044 70 |
 | 2050 |

 | | -

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-FUITTech-OPT | CO ₂ captured & stored [Gt] | 10844,76 | 10844,76 | 0,0
 | 2050 | х

 | x | x

 | x

 | x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NucOff-OPT | CO ₂ captured & stored [Gt] | 13638,38 | 10844,76 | 22,4
 | 2050 | х

 | x | x

 | x

 | x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2.450.LimSWLORT | CO_contured & stored [Gt] | 17229.09 | 12521 52 | 22.4
 | 2050 |

 | v | v

 | v

 | v | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AIVIF EILEZ-430-EIIIISW-OFT | | 17320,00 | 13321,32 | 22,4
 | 2030 | _

 | ^ | ^

 | ^

 | ^ | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LimBio-OPT | CO ₂ captured & stored [Gt] | 15836,94 | 13521,52 | -6,9
 | 2050 |

 | х | x

 | x

 | х | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AAADEDED 150 11 555 55 | CO constructed 8 stored [Ct] | | |
 | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT | CO_2 captured & stored IGU | 0.00 | 10844.76 | -100.0
 | 2050 | x

 | x | x

 |

 | X | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT | CO ₂ captured & stored [GL] | 0,00 | 10844,76 | -100,0
 | 2050 | x

 | x | ×

 | ~

 | X | ~ | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT | CO ₂ captured & stored [Gt] | 0,00
6807,59 | 10844,76
10844,76 | -100,0
-36,8
 | 2050
2050 | x
x

 | x
x | x

 | x

 | x
x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT | CO ₂ captured & stored [Gt]
CO ₂ captured & stored [Gt] | 0,00
6807,59 | 10844,76
10844,76 | -100,0
-36,8
 | 2050
2050 | x

 | X
X | x

 | x

 | x | x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST | CO ₂ captured & stored [Gt]
CO ₂ captured & stored [Gt]
CO ₂ captured & stored [Gt] | 0,00
6807,59
10925,85 | 10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
 | 2050
2050
2050 | x
x
x

 | x
x
x | x
x
x

 | x
x

 | x
x
x | x
x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST | CO ₂ captured & stored [Gt]
CO ₂ captured & stored [Gt]
CO ₂ captured & stored [Gt]
CO ₂ captured & stored [Gt] | 0,00
6807,59
10925,85
13307,78 | 10844,76
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
 | 2050
2050
2050
2050 | x
x
x
x

 | x
x
x
x
x | x
x
x
x

 | x
x
x
x

 | x
x
x
x
x | x
x
x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-NucOff-LST | C2_captured & stored [G1]
C0_captured & stored [G1]
C0_captured & stored [G1]
C0_captured & stored [G1]
C0_captured & stored [G1] | 0,00
6807,59
10925,85
13307,78
16728,00 | 10844,76
10844,76
10844,76
10844,76
13521 52 | -100,0
-36,8
-0,2
14,5
20.0
 | 2050
2050
2050
2050
2050 | x
x
x
x

 | x
x
x
x | x
x
x
x

 | x
x
x
x

 | x
x
x
x | x
x
x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-LimSW-LST | CQ_captured & stored [Gt]
CQ_captured & stored [Gt]
CQ_captured & stored [Gt]
CQ_captured & stored [Gt]
CQ_captured & stored [Gt] | 0,00
6807,59
10925,85
13307,78
16728,00 | 10844,76
10844,76
10844,76
10844,76
13521,52 | -100,0
-36,8
-0,2
14,5
20,0
 | 2050
2050
2050
2050
2050 | x
x
x
x

 | x
x
x
x
x
x | x
x
x
x
x
x

 | x
x
x
x
x

 | x
x
x
x
x
x | x
x
x
x | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimBio-LST | CQ2 captured & stored [Gt]
CQ2 captured & stored [Gt] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
 | 2050
2050
2050
2050
2050
2050 | x
x
x
x

 | x
x
x
x
x
x
x
x | x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x | x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-NoCCS-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00 | 10844,76
10844,76
10844,76
13521,52
13521,52
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
 | 2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x

 | x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x

 | x
x
x
x
x
x
x | x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | C2_captured & stored [G1]
C0_captured & stored [G1] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11 | 10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X
X | x
x
x
x
x
x
x
x

 | X
X
X
X
X
X

 | x
x
x
x
x
x
x
x | x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NOCCS-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LOWEI-LST | C2_captured & stored [G1]
C0_captured & stored [G1] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X
X | x
x
x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X

 | x
x
x
x
x
x
x
x
x
x
x | X
X
X
X | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OFT
AMPERE2-450-NucOff-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST | CQ_captured & stored [Gt]
CO_captured & stored [Gt] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11 | 10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X | x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-FullTech-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94 | 10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X
X | x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LumSU-LST
AMPERE2-450-LumSU-LST
AMPERE2-450-NOCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LumEL-ST | CQ_captured & stored [Gt]
CQ_captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
166,94
6,70 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-0,0
-93,7
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X
X
X | x
x
x
x
x
x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X

 | x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-FullTech-OPT
AMPERE2-450-FullTech-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
166,94 | 10844,76
10844,76
10844,76
10844,76
13521,52
10844,76
10844,76
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-334,0

 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-FullTech-OPT
AMPERE2-450-LimSW-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73 | 10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
166,94
166,94
166,94 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSU-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimSU-OPT
AMPERE2-450-LimSU-OPT
AMPERE2-450-LimSU-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10325,85
13307,78
16728,00
13920,23
0,00
6764,11
 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
166,94
166,94
166,94
210,52
210,52 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x
x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | X
X
X
X
X
X
X
X
X
X
X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-FullTech-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
103925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73
206,69
c00 e1 | 10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
166,94
166,94
210,52
210,52
210,52 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
152,2
 | 2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X
X

 | X
X
X
X
X
X
X
X
X
X
X
X
X
X | X X X X X X X X X X X X X X X X X X X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x
x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-UINSCHLST
AMPERE2-450-UINSCHLST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-NUCFOPT
AMPERE2-450-LIMSCHOPT
AMPERE2-450-LIMSCHOPT
AMPERE2-450-NOCCS-OPT | CQ2 captured & stored [G1]
CO2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10327,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73
206,69
6600,81 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13844,76
10844,76
10844,76
166,94
166,94
166,94
166,94
210,52
210,52
254,10 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X

 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | |
 | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-FullTech-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-NucOff-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSio-OPT
AMPERE2-450-LimSio-OPT
AMPERE2-450-LowEI-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
144,73
206,69
600,81
86,64 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
 | 2050
2050
2050
2050
2050
2050
2050
2050 | x x x x x x x x x x x x x x x x x x x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT | CQ_captured & stored [Gt]
CQ_captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10327,78
16728,00
13920,23
0,00
6764,11
166,54
6,70
141,73
206,69
600,81
86,64 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
166,94
166,94
210,52
210,52
254,10
166,94 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X

 | X X X X X X X X X X X X X X X X X X X | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT | C22 captured & stored [G1]
C02 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10325,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73
206,69
600,81
86,64
172,77 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
 | 2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | X X X X X X X X X X X X X X X X X X X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LumSU-LST
AMPERE2-450-LumSU-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LumSU-OPT
AMPERE2-450-LumSU-OPT
AMPERE2-450-LumSU-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73
206,69
600,81
86,64
88,66
172,77
6,70 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | x x x x x x x x x x x x x x x x x x x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | |
 | | | |
 | | | | | |
 | | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT | CQ2 captured & stored [G1]
CQ2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10325,85
13307,78
16728,00
13920,23
0,00
6764,11
1666,94
6,70
141,73
206,69
600,81
86,64
172,77
6,70
190 c2 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
1066,94
166,94
166,94
166,94
166,94
166,94 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,2
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93,7
-93 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X X X X X X X X X X X X X X X X X X X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | X X X X X X X X X X X X X X X X X X X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LumBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST | CQ_captured & stored [Gt]
CQ_captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
-35
-93,7
18,5
-93,7
18,5
-93,7
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10,0
-10, | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X X X X X X X X X X X X X X X X X X X

 | X | X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST | CQ2 captured & stored [G1]
CQ2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10327,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73
206,69
600,81
86,64
172,77
6,70
180,83
205,71 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
105,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | x x x x x x x x x x x x x x x x x x x | X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | |
 | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-NuCOFI-LST
AMPERE2-450-NuCOFI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-NuCOFI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-NuCCS-LST | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 225,71 715,12 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
108 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X | X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | |
 | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-LOCCS-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOWEI-LST | CQ2 captured & stored [G1]
CQ2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10327,78
16728,00
13920,23
0,00
6764,11
166,54
6,70
141,73
206,69
600,81
86,64
172,77
6,70
180,83
255,71
715,12
82,55 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X
X
X
X

 | X | X X X X X X X X X X X X X X X X X X X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 2255,71 715,12 82,55 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
108 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 |

 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X | X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LumSW-LST
AMPERE2-450-LumSW-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LumSW-OPT
AMPERE2-450-LumSW-OPT
AMPERE2-450-LumSW-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-CST
AMPERE2-450-LumSW-LST
AMPERE2-450-NucCGFLST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST | CQ ₂ captured & stored [Gt]
CQ ₂ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,55 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
166,94
166,94
166,94
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 |

 | X | X

 | x x x x x x x x x x x x x x x x x x x

 | X | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | C22 captured & stored [G1]
C02 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW] | 0,00
6807,59
10307,78
16728,00
13920,23
0,00
6764,11
1666,94
6,70
141,73
206,69
600,81
86,64
172,77
6,70
180,83
225,571
715,12
82,55
146,83 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
1066,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
16 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
0,0
-0,0
-0,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,00
-34,00
-34,00
-34,0 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X | X X
 X X X X X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | x | x x x x x x x x x x x x x x x x x x x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LumSW-LST
AMPERE2-450-LumSW-LST
AMPERE2-450-NOCCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMSW-OPT
AMPERE2-450-LUMSW-OPT
AMPERE2-450-LUMSW-OPT
AMPERE2-450-LUMSW-OPT
AMPERE2-450-LUMSW-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMSW-LST
AMPERE2-450-NUCCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMSI-LST
AMPERE2-450-LUMSI-LST
AMPERE2-450-LUMSI-LST
AMPERE2-450-LUMSI-LST | CQ_captured & stored [Gt]
CQ_captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion [IN [I]
Bioenergy Supply [E]]
Bioenergy Supply [E]
Supple [I]
Supple [I]
Supple [I]
Supple [I]
Supple [| 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73
206,69
600,81
86,64
172,77
6,70
180,83
255,71
715,12
82,56
146,83
150,44 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
210,52
210,52
254,10
166,94 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
-3,2
-0,0
-3,2
-0,0
-3,2
-0,0
-3,2
-0,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-1,0
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-3,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5,7
-5 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 |

 | X | X X X X X X X X X X X X X X X X X X X

 | x x x x x x x x x x x x x x x x x x x

 | X | x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OFT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | CQ2 captured & stored [G1]
CQ2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1] | 0,00
6807,59
10327,78
16728,00
13920,23
0,00
6764,11
1666,94
6,70
141,73
206,69
600,81
86,64
172,77
6,70
180,83
2255,71
715,12
82,56
146,83
150,44 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
10844,76
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95
166,95166,95
166,95
166,95
166,95
166,95166,95
166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95
166,95166,95
166,95166,95
166,95166,95
166,95
166,95166,95
166,95166,95
166,95
166,95166,95
166,95166,95
166,95166,95
166,95166, | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
0,0
0,0
3,3
-3
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 |

 | X | X

 | x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x
x

 | X | x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMSW-OPT
AMPERE2-450-LIMSW-OPT
AMPERE2-450-LIMSW-OPT
AMPERE2-450-LIMSW-OPT
AMPERE2-450-LIMSW-OPT
AMPERE2-450-LIMSW-DPT
AMPERE2-450-LIMSW-LST
AMPERE2-450-LIMSW-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSU-LST
AMPERE2-450-LIMSW-OPT
AMPERE2-450-LIMSW-OPT | C2_captured & stored [G1]
C0_captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
210,52
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
210,52
210,52
254,10
166,94
168,94
168,94
168,94
168,94 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
0,0
3,3
3,6
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X
X
X
X
X
X

 | X X <t< td=""><td>x x</td><td>x x x x x x x x x x x x x x x x x x x</td><td>x x</td><td>x x</td></t<> | x

 | x x x x x x x x x x x x x x x x x x x

 | x | x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBiO-LST
AMPERE2-450-NucOff-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBiO-OPT
AMPERE2-450-LimBiO-OPT
AMPERE2-450-LimBiO-OPT
AMPERE2-450-NuCCS-OPT
AMPERE2-450-NuCCS-OPT
AMPERE2-450-NuCCS-OPT
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-DPT
AMPERE2-450-LimBiO-DPT
AMPERE2-450-LimBiO-LST
AMPERE2-450-LimBiO-DPT
AMPERE2-450-LimBiO-OPT
AMPERE2-450-LimBiO-OPT | CQ2 captured & stored [G1]
CQ2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 2255,71 715,12 82,56 146,83 150,44 168,30 108,54 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
105,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96162,96 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 |

 | X | X

 | x x x x x x x x x x x x x x x x x x x

 | x | x x x x x x x x x x x x x x x x x x x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-DT
AMPERE2-450-LimSIO-DT
AMPERE2-450-LimSIO-LST
AMPERE2-450-LimSIO-DT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 6,70 141,73 206,69 600,81 88,64 172,77 6,70 180,83 255,71 1715,12 82,56 146,83 150,44 168,30 108,54 170,05 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210,52
210, | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 |

 | X | x

 | x x x x x x x x x x x x x x x x x x x

 | x | x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | |
 | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LumSW-LST
AMPERE2-450-LumSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-LST
AMPERE2-450-LumSH-CST
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT
AMPERE2-450-LumSH-OPT | CQ2 captured & stored [G1]
CQ2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,055 | 10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
0,0
3,3
3,6
-35,3
11,6
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X X <t< td=""><td>X X</td><td>x x x x x x x x x x x x x x x x x x x</td><td>x x</td><td>x x</td></t<> | X X
 X X X X X X X X

 | x x x x x x x x x x x x x x x x x x x

 | x | x x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-LST
AMPERE2-450-LIMEN-DPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT
AMPERE2-450-LIMEN-OPT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bioenergy supply [E1] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 172,05 96,88 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
1066,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,9516,95
166,95
166,95
166,95
166,9516,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,9516,95
166,95
166,95
166,9516,95 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 |

 | X X <t< td=""><td>x x</td><td>x x x x x x x x x x x x x x x x x x x</td><td>x x</td><td>x x</td></t<> | x

 | x x x x x x x x x x x x x x x x x x x

 | x | x | | | |
 | | |
 | | |

 |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | | |
 | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUINGW-LST
AMPERE2-450-LUINGW-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUINGW-OPT
AMPERE2-450-LUINGW-OPT
AMPERE2-450-LUINGW-OPT
AMPERE2-450-LUINGW-LST
AMPERE2-450-LUINGW-LST
AMPERE2-450-LUINGW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUINGW-OPT
AMPERE2-450-LUINGW-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT | CQ captured & stored [G]
CQ captured & stored [G]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E]
Bioenergy supply [E] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
16 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-35,3
11,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,6
-35,7
-32,0
-35,6
-35,7
-32,0
-35,7
-32,0
-35,7
-32,0
-35,7
-32,0
-35,7
-35,7
-32,0
-35,7
-32,0
-35,7
-35,7
-32,0
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35, | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X X <t< td=""><td>x x</td><td>x x x x x x x x x x x x x x x x x x x</td><td>X X</td><td>x x</td></t<> | x x
 x

 | x x x x x x x x x x x x x x x x x x x

 | X | x x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT | CQ2 captured & stored [G1]
CQ2 captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1]
Bi | 0,00
6807,59
10327,78
16728,00
13920,23
0,00
6764,11
166,94
6,70
141,73
206,69
600,81
86,64
172,77
6,70
180,83
225,71
715,12
82,56
146,83
150,44
168,30
108,54
170,05
96,88
148,49 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
1 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-30,6
0,3
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X X <t< td=""><td>× ×</td><td>x x</td><td>x x</td><td>x x </td></t<> | ×

 | x

 | x | x | | | |
 | | |
 | | |

 | | | | | | | |
 | | | |
 | | | |
 | | | | | | |
 | | |
 | | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 | |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E1] | 0,00
6807,59
10925,85
13307,78
16728,00
13920,23
0,00
6764,11
 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
0,3
6,8
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 |

 | X | x

 | x

 | X | x | | | |
 | | |
 | | |

 | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E]
Bioenergy supply [E] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,82 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
106,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166,94
1166 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-32,4
-32,4
-32,6
-33,6
-34,0
-33,6
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,0
-34,00
-34,00
-34,00 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X | ×

 | x

 | x | x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-LimSW-OPT
AMPERE2-450-NoCCS-OPT
AMPERE2-450-NoCCS-OPT
AMPERE2-450-NoCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT
AMPERE2-450-NOCCS-OPT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
356,8
181,4
-32,0
0,0
0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
6,8
3,4
22,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2
25,2 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | x | x

 | x

 | X | x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST | CQ ₂ captured & stored [Gt]
CQ ₂ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [EJ]
Bioenergy supply [EJ]
Bioene | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 110,83 | 10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
10844,76
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
3,5
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-32,4
-32,4
-32,0
-32,4
-32,4
-32,0
-32,7
-32,4
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-34,6
-35,3
-34,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,3
-35,6
-35,6
-35,3
-35,6
-35,6
-35,6
-35,3
-35,6
-35,6
-35,6
-35,6
-35,6
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-35,7
-
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X X X X X X X X X X X X X X X X X X X

 | x x x x x x x x x x x x x x x x x x x | ×

 | x

 | x | x | | | |
 | | |
 | | |

 | | | | | | | |
 | | | |
 | | | |
 | | | | | | |
 | | |
 | | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 | |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-NoCCS-OPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DTT
AMPERE2-450-LimBio-DTT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E | 0,00 6,007,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 150,44 168,30 108,54 170,05 715,12 82,56 7 146,83 150,44 168,30 108,54 170,05 96,88 7 148,49 157,42 168,62 110,83 216,14 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166, | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
5,5
5,5
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | x | x

 | x

 | x | x | | | |
 | | |
 | | |

 | | | | | | | |
 | | | |
 | | | |
 | | | | | | |
 | | |
 | | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 | |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-LOCCS-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 110,83 226,14 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
108544,76
108544,76
10854
10952
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | x | x

 | x

 | x | x | | | |
 | | |
 | | |

 | | | | | | | |
 | | | |
 | | | |
 | | | | | | |
 | | |
 | | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 | |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 72,77 6,70 180,83 205,71 715,12 82,56 7 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30, | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 |

 | X | × × <t<
td=""><td>x x</td><td>X X</td><td>x x <t< td=""></t<></td></t<>

 | x

 | X | x x <t< td=""></t<> | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUIST
AMPERE2-450-LUST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E]
Bioenergy suppl | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
1 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,3
-35,5
-35,3
-35,3
-35,5
-35,3
-35,5
-35,3
-35,5
-35,3
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,00
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5
-35,000
-35,5000
-35,5000
-35,50000
-35,500000000000000000000000000000000000
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X | x x x x <tr <="" td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></tr>
<tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIWEI-OFT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,770 6,770 180,83 2255,71 715,12 82,56 146,83 150,44 168,30 108,84 150,44 168,30 108,84 170,05 96,88 148,49 157,42 168,62 110,83 226,14 113,84</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
0,0
202
0,0
0,0
0,0
0,0
0,0</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X</td><td>X X</td><td>x x</td><td>x x
 x x</td><td>X X</td><td>x x</td></tr> <tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-NOCCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 150,44 168,20 110,83 216,14 113,84 2637,39 2637,89
2637,89</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
1052
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
-35,3
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,9
56,5
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X
X
X
X
X
X
X
X
X
X
X
X
X
X</td><td>x x</td><td>X X
X X <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIWEI-OFT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-DT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy suppl</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 2255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 140,83 226,14
113,84</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X</td><td>X X</td><td>×
 × ×</td><td>x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
1052
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
18,3
-32,4
-33,5
-33,7
18,3
-32,4
-33,7
-33,7
-32,4
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-35,5
-30,6
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-3,5
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,0000
-3,5,000
-3,5,0</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X
X
X
X
X
X
X
X
X
X
X
X
X
X</td><td>x x</td><td>× × <t< td=""><td>x x
x x</td><td>X X</td><td>x x</td></t<></td></tr> <tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST</td><td>CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [EJ]
Bioenergy and wind upscaling
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,80 148,89 157,42 168,82 110,83 215,14
113,84</td><td>10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39165
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
162,73,99165
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,9</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-32,4
3,5
-33,7
15,3
-32,4
3,5
-32,4
3,5
-33,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-31,6
-32,4
-33,9
-35,5
-30,0
-35,3
-32,4
-32,4
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,5
-30,0
-30,6
-35,5
-30,0
-30,6
-30,6
-30,6
-30,6
-30,6
-30,6
-30,0
-30,6
-30,0
-30,0
-30,6
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X X X X X X X X X X X X X X X X X X</td><td>x x x x x x x x x x x x x x x x x x x</td><td>X X <t< td=""><td>x x
x x x x <td>X X </td><td>x x <t< td=""></t<></td></td></t<></td></tr> <tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOXEL-ST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy su</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852,152
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,9</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
3,3
3,6
-35,3
11,6
-30,6
3,3
3,6
-35,3
11,6
-30,6
20,0
0,0
0,0
0,0
0,0
0,0
0,0
0,</td><td>2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050</td><td>X X</td><td>x x</td><td>× ×</td><td>x x</td><td>X X <t< td=""><td>x x
x</td></t<></td></tr> <tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST</td><td>CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [EJ]
Bioenergy supply [EJ]
Bioener</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 110,83 215,74 113,84 216,14 216,14
216,14</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
10,52
10,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
3,5
-33,7
1,9
45,1
153,3
-32,4
3,5
-33,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,7
-32,4
-32,4
-32,4
-32,0
-32,4
-32,5
-32,0
-35,3
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-3,</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X</td><td>X X</td><td>X X
 X <t< td=""><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5</td><td>2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050</td><td>X X</td><td>x x x x x x x x x x
 x x</td><td>x x</td><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr><tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr></td></tr></td></t<></td></tr> | X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<>

 | X X <t< td=""><td>x x</td></t<> | x | AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIWEI-OFT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,770 6,770 180,83 2255,71 715,12 82,56 146,83 150,44 168,30 108,84 150,44 168,30 108,84 170,05 96,88 148,49 157,42 168,62 110,83 226,14 113,84 |
10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
0,0
202
0,0
0,0
0,0
0,0
0,0 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
 | X X | x | x

 | X X
 X | x | AMPERE2-450-NOCCS-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-NOCCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 150,44 168,20 110,83 216,14 113,84 2637,39 2637,89 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
1052
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
-35,3
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,9
56,5
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X | x | X X
<t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<> | X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<> | X X <t< td=""><td>X X</td></t<> | X X | AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIWEI-OFT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-DT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy suppl | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 2255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 140,83 226,14 113,84 |
10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
 | X | × × | x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<> | X X <t< td=""><td>x x</td></t<> | x | AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioener | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 |
10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
1052
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
18,3
-32,4
-33,5
-33,7
18,3
-32,4
-33,7
-33,7
-32,4
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-35,5
-30,6
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-3,5
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,0000
-3,5,000
-3,5,0 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
 | x | × × <t< td=""><td>x x</td><td>X X</td><td>x x</td></t<> | x | X | x | AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear
capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [EJ]
Bioenergy and wind upscaling
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,80 148,89 157,42 168,82 110,83 215,14 113,84 | 10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39165
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
162,73,99165
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,9 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-32,4
3,5
-33,7
15,3
-32,4
3,5
-32,4
3,5
-33,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-31,6
-32,4
-33,9
-35,5
-30,0
-35,3
-32,4
-32,4
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,5
-30,0
-30,6
-35,5
-30,0
-30,6
-30,6
-30,6
-30,6
-30,6
-30,6
-30,0
-30,6
-30,0
-30,0
-30,6
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X X X X X X X X X X X X X X X X X X X
 | x x x x x x x x x x x x x x x x x x x | X X <t< td=""><td>x x x x <td>X X </td><td>x x <t< td=""></t<></td></td></t<> | x x x x <td>X X </td> <td>x x <t< td=""></t<></td> | X X
 X | x x <t< td=""></t<> | AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOXEL-ST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy su | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852,152
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,9 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
3,3
3,6
-35,3
11,6
-30,6
3,3
3,6
-35,3
11,6
-30,6
20,0
0,0
0,0
0,0
0,0
0,0
0,0
0,
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X

 | x | × × | x

 | X X <t< td=""><td>x x</td></t<> | x |
AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [EJ]
Bioenergy supply [EJ]
Bioener | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 110,83 215,74 113,84 216,14 216,14 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
10,52
10,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
3,5
-33,7
1,9
45,1
153,3
-32,4
3,5
-33,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,7
-32,4
-32,4
-32,4
-32,0
-32,4
-32,5
-32,0
-35,3
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-3,
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X

 | X X | X X <t< td=""><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5</td><td>2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050</td><td>X X</td><td>x x x x x x x x x x
 x x</td><td>x x</td><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr><tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr></td></tr></td></t<> | x x x x <tr <="" td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5</td><td>2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050</td><td>X X</td><td>x x x x x x x x x x
 x x</td><td>x x</td><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr><tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr></td></tr> | X X <t< td=""><td>x x <t< td=""></t<></td></t<> | x x <t< td=""></t<> | AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 |
10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
 | x x | x | x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr> <tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr> | X X <t< td=""><td>x x</td></t<> | x | AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 |
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X X <t< td=""><td>X X</td><td>X X <t< td=""><td>x x x x x x x x
x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<> | X X | X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<> | x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<> | X X | x x <t< td=""></t<> | AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind
upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03 2737,18 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X | x x | x x | x x
 x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<> | X X <t< td=""><td>x x <t< td=""></t<></td></t<> | x x <t< td=""></t<> | AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X <t< td=""><td>x x</td><td>x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<> | x x | x x | x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<> | X X <t< td=""><td>x x</td></t<> | x x | AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1134,46 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0 | 2050 2050 | X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<></td></t<> | X X | × × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<> | x
x x x x x x x x x x x x x x x x x x x <td>X X <t< td=""><td>x x</td></t<></td> | X X <t< td=""><td>x x</td></t<> | x x | AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95 1134,66 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X <t< td=""><td>X X <t< td=""><td>× ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<> | X X <t< td=""><td>× ×</td><td>X X
 X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<> | × × | X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<> | X X <t< td=""><td>X X</td></t<> | X X | AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66 13574,35 |
10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162, | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55 | 2050 2050 | X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<> | x x | × × | x x x x <tr <="" td=""><td>X X</td><td>x x</td></tr> <tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr> | X X | x x | AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050 | X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<> | X X X | × ×
 × × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<> | X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<> | X X <t< td=""><td>x x</td></t<> | x x |
| X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<> | X X <t< td=""><td>x x</td></t<> | x | |
 | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIWEI-OFT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3] | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,770 6,770 180,83 2255,71 715,12 82,56 146,83 150,44 168,30 108,84 150,44 168,30 108,84 170,05 96,88 148,49 157,42 168,62 110,83 226,14 113,84 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
0,0
202
0,0
0,0
0,0
0,0
0,0
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | X | x

 | x

 | X | x | | | |
 | | |
 | | |

 | | | | | | | |
 | | | |
 | | | |
 | | | | | | |
 | | |
 | | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 | |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NOCCS-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-NOCCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 180,83 150,44 168,30 108,54 170,05 150,44 168,20 110,83 216,14 113,84 2637,39 2637,89 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
1052
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
-35,3
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,9
56,5
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | x | X X <t<
td=""><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<>

 | X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<>

 | X X <t< td=""><td>X X</td></t<> | X X | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LIWEI-OFT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-OPT
AMPERE2-450-LIWEI-DT
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST
AMPERE2-450-LIWEI-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy suppl | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 2255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 148,49 157,42 168,62 140,83 226,14 113,84 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
10844,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1084,76
1 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
0,3
6,8
3,4
-33,9
56,5
-30,0
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,20
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
-35,200
 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X

 | X | ×

 | x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<>

 | X X <t< td=""><td>x x</td></t<> | x | | | |
 | | |
 | | |

 | | | | | | | |
 | | | |
 | | | |
 | | | | | | |
 | | |
 | | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 | |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-NoCCS-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioener | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
1052
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
18,3
-32,4
-33,5
-33,7
18,3
-32,4
-33,7
-33,7
-32,4
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-35,5
-30,6
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-3,5
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,0
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,00
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,000
-3,5,0000
-3,5,000
-3,5,0 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X
X
X
X
X
X
X
X
X
X
X
X
X
X

 | x | × × <t<
td=""><td>x x</td><td>X X</td><td>x x</td></t<>

 | x

 | X | x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [EJ]
Bioenergy and wind upscaling
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,80 148,89 157,42 168,82 110,83 215,14 113,84 | 10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39165
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
162,73,99165
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,95
17,9 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-32,4
3,5
-33,7
15,3
-32,4
3,5
-32,4
3,5
-33,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-31,6
-32,4
-33,9
-35,5
-30,0
-35,3
-32,4
-32,4
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-32,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,5
-30,0
-30,6
-35,5
-30,0
-30,6
-30,6
-30,6
-30,6
-30,6
-30,6
-30,0
-30,6
-30,0
-30,0
-30,6
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
-30,0
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X X X X X X X X X X X X X X X X X X X

 | x x x x x x x x x x x x x x x x x x x | X X <t<
td=""><td>x x x x <td>X X </td><td>x x <t< td=""></t<></td></td></t<>

 | x x x x <td>X X </td> <td>x x <t< td=""></t<></td>

 | X | x x <t< td=""></t<> | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOXEL-ST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-DPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy su | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852,152
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,9 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
3,3
3,6
-35,3
11,6
-30,6
3,3
3,6
-35,3
11,6
-30,6
20,0
0,0
0,0
0,0
0,0
0,0
0,0
0,
 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X

 | x | ×

 | x

 | X X <t< td=""><td>x x</td></t<> | x | | | |
 | | |
 | | |

 | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | |
 | | | | | | |
 | | |

 |
 | |

 | | | | | |
 | | |

 | |

 |

 | | | | | |
 | | |
 | | |

 | |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | | | |
 | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-DPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-OPT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-DT
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST
AMPERE2-450-LUMEN-LST | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [EJ]
Bioenergy supply [EJ]
Bioener | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 10 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 96,88 148,49 157,42 168,62 110,83 215,74 113,84 216,14 216,14 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
113521,52
10,52
10,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
3,5
-33,7
1,9
45,1
153,3
-32,4
3,5
-33,7
18,3
56,8
181,4
-32,0
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,7
-32,4
-32,4
-32,4
-32,0
-32,4
-32,5
-32,0
-35,3
-32,4
-32,6
-35,3
-32,4
-32,6
-35,3
-32,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-35,3
-30,6
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-30,0
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-32,5
-3, | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X

 | X | X X <t<
td=""><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5</td><td>2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050</td><td>X X</td><td>x x x x x x x x x x
 x x</td><td>x x</td><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr><tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr></td></tr></td></t<>

 | x x x x <tr <="" td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5</td><td>2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050</td><td>X X</td><td>x x x x x x x x x x
 x x</td><td>x x</td><td>x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr><tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr><tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr></td></tr> | X X <t< td=""><td>x x <t< td=""></t<></td></t<> | x x <t< td=""></t<> | AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 |
10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X
 | x x | x | x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr> <tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr> | X X <t< td=""><td>x x</td></t<> | x | AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 |
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X X <t< td=""><td>X X</td><td>X X <t< td=""><td>x x x x x x x
x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<> | X X | X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<> | x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<> | X | x x <t< td=""></t<> |
AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03 2737,18 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32 |
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X | x x | x | x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<> | X X <t< td=""><td>x x
 x <t< td=""></t<></td></t<> | x x <t< td=""></t<> | AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3 |
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X <t< td=""><td>x x</td><td>x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<> | x x | x | x x <t< td=""><td>X X <t< td=""><td>x x x x x x x x x x
 x x</td></t<></td></t<> | X X <t< td=""><td>x x</td></t<> | x x | AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1134,46 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0 | 2050 | X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<></td></t<> | X
 | × × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<> | x x x x <td>X X <t< td=""><td>x x</td></t<></td> | X X <t< td=""><td>x x</td></t<> | x x | AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity
expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95 1134,66 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X
 X X X X X X <t< td=""><td>X X <t< td=""><td>× ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<>

 | X X <t< td=""><td>× ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<> | × × | X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<>

 | X X <t< td=""><td>X X</td></t<> | X X | AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66 13574,35 |
10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162, | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55 | 2050 | X X <t< td=""><td>x x</td><td>× × × × × × × × × × × × × × × × × × × ×
 × ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<> | x | ×

 | x x x x <tr <="" td=""><td>X X</td><td>x x</td></tr> <tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr>

 | X | x x | AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply
[E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050 | X X <t< td=""><td>X X X</td><td>× × ×
 × × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<> | X X X | × × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<> | X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<>

 | X X
 X X <t< td=""><td>x x</td></t<> | x x | | | | |
 | | | | | | | |
 | | | | | | |
 | | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | |
 | | | | | |
| X X <t< td=""><td>x x <t< td=""></t<></td></t<> | x x <t< td=""></t<> | | |
 | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-DPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT | CQ captured & stored [Gt]
CQ captured & stored [Gt]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
200,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
3,5
-93,7
18,3
3,5
-93,7
18,3
3,6
8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-32,4
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-30,0
-33,9
-35,5
-30,0
-33,9
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,2
-55,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5
-20,5 | 2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050
2050 | X

 | x | x

 | x x x x <tr <="" td=""><td>X X <t< td=""><td>x x</td></t<></td></tr> <tr><td>AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59
1033,60</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20</td><td>X X <t< td=""><td>X X
 X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03
2737,18</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X</td><td>x x</td><td>x x
 x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT</td><td>C2₂ captured & stored [G1]
C0₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95
1134,46</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0</td><td>2050 2050</td><td>X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x
 x x</td></t<></td></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95
1134,66</td><td>10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20</td><td>X X <t< td=""><td>X X <t< td=""><td>× × × × × × × × × × ×
 × ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<></td></tr> <tr><td>AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling</td><td>0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66
13574,35</td><td>10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55</td><td>2050 2050</td><td>X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
 x x x x x x x x x x x x x x x x x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<></td></tr>

 | X X <t< td=""><td>x x</td></t<> | x | AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X X <t< td=""><td>X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<> | X X | X X X X X X X X X X X X X X
 X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<> | x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<>

 | X | x x <t< td=""></t<> |
AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03 2737,18 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X | x x | x
 | x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<> | X X <t< td=""><td>x x <t< td=""></t<></td></t<> | x x <t< td=""></t<> | AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 |
10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X <t< td=""><td>x x</td><td>x x </td><td>x x
 x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<> | x x | x | x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<> | X X <t< td=""><td>x x</td></t<> | x x | AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1134,46 |
10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0 | 2050 | X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x
 x x x x x x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<></td></t<> | X | × × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<> | x x x x <td>X X <t< td=""><td>x x</td></t<></td> | X X <t< td=""><td>x x</td></t<> | x x | AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear
capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95 1134,66 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X <t< td=""><td>X X X X X X X X
 X <t< td=""><td>× ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<> | X X <t< td=""><td>× ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<> | × | X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<> | X
X X <t< td=""><td>X X</td></t<> | X X | AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66 13574,35 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162, |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55 | 2050 | X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<> | x | × × | x x x x <tr <="" td=""><td>X X</td><td>x x</td></tr>
<tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr> | X | x x | AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 |
10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050 | X X <t< td=""><td>X X X</td><td>× ×
 × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<>
 | X X X
 | × × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<>

 | X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<>

 | X X <t< td=""><td>x x</td></t<> | x x | | |
 | | | | |
 | | |

 |
 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |

 | | |

 | | | | | |
 | | | |
 | | | | | |
| X X <t< td=""><td>x x</td></t<> | x | | |
 | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOWEI-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUWEI-OPT
AMPERE2-450-LUMEI-OFT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 166,54 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 715,12 715,12 715,12 715,12 715,24 168,83 1108,54 170,05 96,88 148,49 150,44 168,83 108,54 170,05 96,88 148,49 157,42 168,62 110,83 216,14 113,84 12 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97
199
2637,39
2637,39
162,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
192,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97
194,97 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
-33,5
-32,4
-33,5
-33,7
-32,4
-33,5
-32,4
-33,5
-34,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-30,5
-30,5
-30,5
-30,5
-30,5
-30,5
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20 | X X <t< td=""><td>X X</td><td>X X <t< td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<></td></t<>

 | X | X X <t<
td=""><td>x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<></td></t<>

 | x x <t< td=""><td>X X</td><td>x x <t< td=""></t<></td></t<>

 | X | x x <t< td=""></t<> | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NoCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-LST
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-OPT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT
AMPERE2-450-LimBio-DT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 13307,78 16728,00 13920,23 0,00 6764,11 70 166,94 6,70 141,73 206,69 600,81 712,77 6,70 180,83 255,71 82,56 7 146,83 75,42 168,30 108,54 170,05 96,88 7 148,49 157,42 168,20 110,83 216,14 113,84 7 2637,39 2631,82 933,03 2737,18 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
20,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,99
2637,39
2637,39
2637,39
2637,39 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,3
3,6
-35,3
11,6
-30,6
0,3
3,6
3,7
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32,0
-32 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X

 | x | x

 | x x <t< td=""><td>X X <t< td=""><td>x x <t< td=""></t<></td></t<></td></t<>

 | X X <t< td=""><td>x x <t< td=""></t<></td></t<> | x x <t< td=""></t<> | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMSV-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-OPT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DT
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-LST
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT
AMPERE2-450-LUMBIO-DPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
181,4
-32,0
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
202
-35,3
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
202
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-35,5
-3 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X <t< td=""><td>x x</td><td>x x </td><td>x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<>

 | x | x

 | x x <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<>

 | X X <t< td=""><td>x x</td></t<> | x x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOXES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-DT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT
AMPERE2-450-LUMEI-DPT | C2 ₂ captured & stored [G1]
C0 ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 141,73 206,69 600,81 72,77 6,70 141,73 206,69 600,81 72,77 6,70 180,83 255,71 715,12 82,56 7 146,83 750,44 168,30 108,54 757,42 168,62 748,49 157,42 168,62 110,83 216,14 113,84 7 723,18 216,14 113,84 7 733,18 2637,39 2631,82 933,03 2737,18 2637,39 2631,82 933,03 2737,18 26079,59 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1033,60 2828,07 297,95 1134,46 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
10844,76
10844,76
10844,76
10844,76
200,52
210,52
210,52
24,10
166,94
166,94
166,94
210,52
210,52
210,52
210,52
24,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166,95
166 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
56,8
181,4
-32,0
-0,0
3,3
3,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
-3,4
-3,5
-32,4
-32,4
-32,0
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,4
-32,0
-32,5
-32,0
-32,3
-32,4
-32,0
-32,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,0
-35,5
-30,2
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0 | 2050 | X X <t< td=""><td>X X</td><td>× × <t< td=""><td>x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<></td></t<>

 | X | × × <t<
td=""><td>x x x x<td>X X <t< td=""><td>x x</td></t<></td></td></t<>

 | x x x x <td>X X <t< td=""><td>x x</td></t<></td>

 | X X <t< td=""><td>x x</td></t<> | x x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-NOCCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LimSU-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LimSW-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-OPT
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DPT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT
AMPERE2-450-LIMBIO-DT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioenergy supply [E5]
Bioenergy supply [E4]
Bioenergy supply [E6]
Bioenergy supply [E6]
Bioenergy sup | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 166,94 6,70 141,73 206,69 600,81 86,64 172,77 6,70 180,83 255,71 715,12 82,56 146,83 150,44 168,30 108,54 170,05 148,49 157,42 168,62 110,83 216,14 113,84 2637,39 2631,82 933,03 2737,18 6079,59 1033,60 2828,07 2971,95 1134,66 | 10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,97,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39
2637,39 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-33,7
1,9
45,1
153,3
-32,4
-35,3
-32,4
-35,3
-32,4
-35,3
-35,3
181,4
-32,0
-33,3
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-33,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
20,2
-35,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-66,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,3
20,2
-7,5,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5
-7,5 | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
200
20 | X X <t< td=""><td>X X <t< td=""><td>× ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<></td></t<>

 | X X <t< td=""><td>× ×</td><td>X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<></td></t<> | × ×
 × × × × × × × ×

 | X X <t< td=""><td>X X <t< td=""><td>X X</td></t<></td></t<>

 | X X <t< td=""><td>X X</td></t<> | X X | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-LOVES-OPT
AMPERE2-450-LOWEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LUMEI-LST
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT
AMPERE2-450-LUMEI-OPT | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Maximum PV and wind upscaling
Maximum PV and wind upscaling | 0,00 6807,59 10925,85 113307,78 16728,00 13920,23 0,00 6764,11 70 6,70 141,73 206,69 600,81 86,64 7172,77 6,70 180,83 2255,71 715,52 82,56 74 146,83 150,44 168,30 108,54 157,42 168,63 150,44 168,30 108,54 177,72 6,70 180,88 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 108,54 150,44 168,30 100,54 168,62 172,77 15,12 100,5 103,60 103,60 12828,07 2971,95 1134,66 13574,35 | 10844,76
10844,76
10844,76
10844,76
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
13521,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,96
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162,95
162, |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
3,5
-33,7
-32,4
-32,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
-35,3
11,6
-30,6
202
-35,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,3
202
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55,5
-55 | 2050 | X X <t< td=""><td>x x</td><td>× ×</td><td>x x x x <tr <="" td=""><td>X X</td><td>x x
x</td></tr><tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr></td></t<> | x | ×

 | x x x x <tr <="" td=""><td>X X X X X X X X
 X X</td><td>x x</td></tr> <tr><td>AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST</td><td>C2₂ captured & stored [G1]
CO₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener</td><td>0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00
6764,11</td><td>10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96</td><td>-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-</td><td>20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050</td><td>X X
 X X X X X X X X X X X X X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<></td></tr>

 | X | x x | AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply
[E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96 | -100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050 | X X <t< td=""><td>X X
 X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<> | X X X | × × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<> | X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<>

 | X X <t< td=""><td>x x</td></t<> | x x | | | | |
 | | |
 | | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| X | x | | |
 | |

 | |

 |

 | | | | |
 | | | | |
 | | |

 |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | | | | |
 | | | |
 | | | | | |
 | | | | |
 | | | |
 | | | | |
 | | | | |

 |
 | |

 | | | | |
 | | | |

 |
 |

 |

 | | | | |
 | | | | |
 | | |

 | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | |
 | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |
| AMPERE2-450-N0CCS-OPT
AMPERE2-450-LowEI-OPT
AMPERE2-450-LowBI-OPT
AMPERE2-450-LimBio-LST
AMPERE2-450-LimBio-LST
AMPERE2-450-N0CCS-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LOWEI-LST
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-DPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-OPT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-DT
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBio-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST
AMPERE2-450-LIMBIO-LST | C2 ₂ captured & stored [G1]
CO ₂ captured & stored [G1]
Nuclear capacity expansion in Newcomers [in GW]
Nuclear capacity expansion in Newcomers [in GW]
Bioenergy supply [E1]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E2]
Bioenergy supply [E3]
Bioenergy supply [E4]
Bioenergy supply [E4]
Bioener | 0,00 6807,59 10925,85 133307,78 16728,00 13920,23 0,00 6764,11 | 10844,76
10844,76
10844,76
10844,76
113521,52
113521,52
113521,52
10844,76
10844,76
10844,76
10844,76
10852
210,52
210,52
254,10
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,94
166,95
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96
166,96 |
-100,0
-36,8
-0,2
14,5
20,0
-17,1
-100,0
-34,0
-0,0
-93,7
1,9
45,1
153,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-93,7
18,3
-32,4
3,5
-33,7
-32,4
-33,5
-33,7
-32,4
-33,5
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,7
-33,9
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-35,3
-30,0
-55,5
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
-50,0
- | 20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050
20050 | X X <t< td=""><td>X X X</td><td>× × <t< td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<></td></t<>

 | X X X | × × <t<
td=""><td>X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<></td></t<>

 | X X <t< td=""><td>X X <t< td=""><td>x x</td></t<></td></t<>

 | X X <t< td=""><td>x x</td></t<> | x x | | |
 | | | | |
 | | |

 | | | | | | |
 | | |
 | | | | | | |
 | | | |
 | | | | | | |
 | | | | |
 | | | | |
 | | | | | |
 | | |
 | | | | | |
 | | | | |

 | | |

 | | | | |
 | | | |

 | |

 |

 | | | |
 | | | |
 | | | |

 | | | | | | | |
 | | | |
 | | | | | | |
 | | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | | | | |
 | | |
 | | | | | | | |
 | | |

 | | |

 | | | | | |
 | | | | |
 | | | | | |

7 Acronyms and definitions

All acronym and definitions are adapted from Allwood *et al* (2014), mostly following von Stechow *et al* (2015). Blue words indicate that the term is defined in the following:

Adverse side-effects: the potential negative effects of a policy aimed at one objective on other objectives, without evaluating social welfare implications.

Aerosol: a suspension of airborne solid [primary particulate matter (PM)] or liquid particles (secondary PM from gaseous precursors) that may influence climate in several ways.

AFOLU: Agriculture, Forestry and Other Land Use plays a central role for food security and sustainable development (SD).

Black carbon (BC): an aerosol species mostly formed by incomplete fuel combustion, causing a warming effect by absorbing heat into the atmosphere.

Carbon dioxide (CO_2): A naturally occurring gas and by-product of burning fossil fuels and biomass, of land use changes and of industrial processes – the principal anthropogenic greenhouse gas (GHG).

 CO_2 -equivalent concentration (CO_2 eq): The concentration of carbon dioxide (CO_2) that would cause the same radiative forcing as a given mixture of GHGs, aerosols, and surface albedo changes.

Co-benefits: the potential positive effects of a policy aimed at one objective on other objectives, without evaluating social welfare implications.

Conference of Parties (COP): The supreme body of the United Nations Framework Convention on Climate Change (UNFCCC).

Cost-effectiveness analysis (CEA): a tool based on constrained optimization for comparing policies designed to meet a pre-specified target.

Cost-benefit analysis (CBA): monetary measurement of all negative and positive effects associated with a given policy.

Carbon dioxide capture and storage (CCS): Carbon dioxide (CO₂) from industrial and energy-related sources, which is captured, conditioned, compressed, and transported to a long-term storage location.

Bioenergy and CCS (BECCS): the application of CCS technology to bioenergy conversion processes. Depending on the total lifecycle emissions, BECCS has the potential for net carbon dioxide (CO_2) removal from the atmosphere.

Energy intensity (EI): the ratio of energy use to economic or physical output.

EJ: exajoule

Greenhouse gas (GHG): gaseous constituents of the atmosphere (natural and anthropogenic), which absorb and emit radiation at specific wavelengths emitted, e.g., by Earth's surface.

Gross domestic product (GDP): the sum of gross value added by all producers in an economy for a given period, normally one year.

Hg: mercury

Integrated assessment model (IAM): integrated (assessment) models explore the interactions between multiple sectors of the economy or components of particular systems, such as the energy system. In this letter, we refer to these models as 'integrated models'.

Mitigation (of climate change): reducing the sources or enhancing the sinks of greenhouse gases (GHGs); or reducing other substances that contribute directly or indirectly to limiting climate change.

Mitigation measures: technologies, processes or practices that contribute to mitigation.

Mitigation pathway: The trajectory taken over time to meet different goals for greenhouse gas (GHG) emissions, atmospheric concentrations, or global mean surface temperature change that implies a set of economic, technological, and behavioural changes.

Nitrogen oxides (NO_x): Any of several oxides of nitrogen.

Particulate matter (PM): very small solid particles from solid fuel combustion, which cause adverse health effects and can directly alter the radiation balance.

PM_{2.5}: particulate matter 2.5 micrometers in diameter or smaller.

Precursors: atmospheric compounds that have an effect on greenhouse gas (GHG) or aerosol concentrations regulating their production or destruction rates.

Radiative forcing: the change in the net radiative flux at the tropopause due to a change in an external driver of climate change.

Renewable energy (RE): Any form of energy from solar, geophysical, or biological sources that is replenished by natural processes at a rate that equals or exceeds its rate of use.

Sink: any process, activity, or mechanism that removes a greenhouse gas (GHG), an aerosol, or a precursor of a GHG or aerosol from the atmosphere.

SO₂: sulfur dioxide.

Sustainable development (SD): development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Traditional biomass: fuelwood, charcoal, agricultural residues, and animal dung used with traditional technologies, e.g., open fires for cooking, rustic kilns, and ovens for small industries.

WGIII AR5: Working Group III Contribution to the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report.

8 References

- Aboumahboub T, Luderer G, Kriegler E, Leimbach M, Bauer N, Pehl M and Baumstark L 2014 On the regional distribution of climate mitigation costs: The impact of delayed cooperative action *Clim. Change Econ.* **05** 1440002
- Ackerman F and Heinzerling L 2002 Pricing the priceless: Cost-benefit analysis of environmental protection *University of Pennsylvania Law Review* **150** 1553–84
- Adibee N, Osanloo M and Rahmanpour M 2013 Adverse effects of coal mine waste dumps on the environment and their management *Environ Earth Sci* **70** 1581–92
- Ahmed S A, Diffenbaugh N S and Hertel T W 2009 Climate volatility deepens poverty vulnerability in developing countries *Environ. Res. Lett.* **4** 034004
- Akimoto K, Sano F, Homma T, Wada K, Nagashima M and Oda J 2012 Comparison of marginal abatement cost curves for 2020 and 2030: Longer perspectives for effective global GHG emission reductions *Sustain Sci* **7** 157–68
- Allwood J M, Bosetti V, Dubash N K, Gómez-Echeverri L and von Stechow C 2014 Glossary Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 1249–79
- Amigun B, Musango J K and Stafford W 2011 Biofuels and sustainability in Africa *Renewable and Sustainable Energy Reviews* **15** 1360–72
- Anenberg S C, Schwartz J, Shindell D, Amann M, Faluvegi G, Klimont Z, Janssens-Maenhout G, Pozzoli L, Van Dingenen R, Vignati E, Emberson L, Muller N Z, West J J, Williams M, Demkine V, Hicks W K, Kuylenstierna J, Raes F and Ramanathan V 2012 Global air quality and health cobenefits of mitigating near-term climate change through methane and black carbon emission controls *Environ Health Perspect* **120** 831–9
- Apps J A, Zheng L, Zhang Y, Xu T and Birkholzer J T 2010 Evaluation of Potential Changes in Groundwater Quality in Response to CO2 Leakage from Deep Geologic Storage *Transp Porous Med* 82 215–46
- Arndt C, Pauw K and Thurlow J 2012 Biofuels and economic development: A computable general equilibrium analysis for Tanzania *Energy Economics* **34** 1922–30
- Atchley A L, Maxwell R M and Navarre-Sitchler A K 2013 Human Health Risk Assessment of CO2 Leakage into Overlying Aquifers Using a Stochastic, Geochemical Reactive Transport Approach *Environ. Sci. Technol.* 47 5954–62
- Babiker M H and Eckaus R S 2007 Unemployment effects of climate policy *Environmental Science & Policy* **10** 600–9
- Bartis J T, LaTourrette T, Dixon L, Peterson D J and Cecchine G 2005 *Oil Shale Development in the United States* (Santa Monica, CA, Arilngton, VA, Pittsburgh, PA: RAND corperation) Online: http://www.rand.org/pubs/monographs/MG414.html
- Bauer N, Baumstark L and Leimbach M 2011 The REMIND-R model: The role of renewables in the low-carbon transformation—first-best vs. second-best worlds *Climatic Change* **114** 145–68
- Bazilian M, Nussbaumer P, Eibs-Singer C, Brew-Hammond A, Modi V, Sovacool B, Ramana V and Aqrawi P-K 2012 Improving access to modern energy services: Insights from case studies *The Electricity Journal* 25 93–114
- Bell M L, Davis D L, Cifuentes L A, Krupnick A J, Morgenstern R D and Thurston G D 2008 Ancillary human health benefits of improved air quality resulting from climate change mitigation *Environmental Health* **7** 41
- Benson S, Cook P, Anderson J, Bachu S, Nimir H B, Basu B, Bradshaw J, Deguchi G, Gale J, von Goerne G and others 2005 Underground geological storage *IPCC Special Report on Carbon Dioxide Capture and Storage* (Cambridge University Press, Cambridge, UK, and New York, NY, USA) pp 195–276

- Bertram C, Johnson N, Luderer G, Riahi K, Isaac M and Eom J 2015a Carbon lock-in through capital stock inertia associated with weak near-term climate policies *Technological Forecasting and Social Change* **90, Part A** 62–72
- Bertram C, Luderer G, Pietzcker R C, Schmid E, Kriegler E and Edenhofer O 2015b Complementing carbon prices with technology policies to keep climate targets within reach *Nature Climate Change* **5** 235–9
- Blanchard O and Wolfers J 2000 The role of shocks and institutions in the rise of European unemployment: The aggregate evidence *The Economic Journal* **110** 1–33
- Böhringer C, Keller A and van der Werf E 2013 Are green hopes too rosy? Employment and welfare impacts of renewable energy promotion *Energy Economics* **36** 277–85
- Bonsch M, Humpenöder F, Popp A, Bodirsky B, Dietrich J P, Rolinski S, Biewald A, Lotze-Campen H, Weindl I, Gerten D and Stevanovic M 2016 Trade-offs between land and water requirements for large-scale bioenergy production *Glob. Change Biol. Bioenergy* **8** 11–24
- Borzoni M 2011 Multi-scale integrated assessment of soybean biodiesel in Brazil *Ecological Economics* **70** 2028–38
- Bosetti V, Carraro C, Duval R and Tavoni M 2011 What should we expect from innovation? A modelbased assessment of the environmental and mitigation cost implications of climate-related R&D *Energy Economics* **33** 1313–20
- Bosetti V, Carraro C, Galeotti M, Massetti E and Tavoni M 2006 WITCH A World Induced Technical Change Hybrid Model *The Energy Journal* **27** 13–38
- Bosetti V, Carraro C and Tavoni M 2009a Climate change mitigation strategies in fast-growing countries: The benefits of early action *Energy Economics* **31**, **Supplement 2** S144–51
- Bosetti V, De Cian A, Sgobbi A and Tavoni M 2009b *The 2008 WITCH model: New model features and baseline* (Venice, Italy: FEEM Working Paper 85)
- Boucher O, Halloran P R, Burke E J, Doutriaux-Boucher M, Jones C D, Lowe J, Ringer M A, Robertson E and Wu P 2012 Reversibility in an Earth System model in response to CO2 concentration changes *Environ. Res. Lett.* **7** 024013
- Bouwman A F, Kram T and Klein Goldewijk K 2006 Integrated modelling of global environmental change An overview of IMAGE 2.4 (Bilthoven, The Netherlands: Netherlands Environmental Assessment Agency (MNP))
- Bovenberg A L and van der Ploeg F 1994 Environmental policy, public finance and the labour market in a second-best world *Journal of Public Economics* **55** 349–90
- von Braun J, Ahmed A, Asenso-Okyere K, Fan S, Gulati A, Hoddinott J, Pandya-Lorch R, Rosegrant M W, Ruel M, Torero M and van Rheenen T 2008 *High Food Prices: The What, Who, and How of Proposed Policy Actions* (Washington D.C.: International Food Policy Research Institute)
- Bruckner T, Bashmakov I A, Mulugetta Y, Chum H, de la Vega Navarro A, Edmonds J, Faaij A, Fungtammasan B, Garg A, Hertwich E, Honnery D, Infield D, Kainuma M, Khennas S, Kim S, Nimir H B, Riahi K, Strachan N, Wiser R and Zhang X 2014 Energy Systems *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 511–97
- Brunner S, Flachsland C and Marschinski R 2012 Credible commitment in carbon policy *Climate Policy* **12** 255–71
- Bustamante M, Robledo-Abad C, Harper R, Mbow C, Ravindranat N H, Sperling F, Haberl H, de Siqueira Pinto A and Smith P 2014 Co-benefits, trade-offs, barriers and policies for greenhouse gas mitigation in the agriculture, forestry and other land use (AFOLU) sector *Glob Change Biol* **20** 3270–90
- Cai W, Wang C, Chen J and Wang S 2011 Green economy and green jobs: Myth or reality? The case of China's power generation sector *Energy* **36** 5994–6003

- Calvin K, Edmonds J, Bond-Lamberty B, Clarke L, Kim S H, Kyle P, Smith S J, Thomson A and Wise M 2009 2.6: Limiting climate change to 450 ppm CO2 equivalent in the 21st century *Energy Economics* **31**, **Supplement 2** S107–20
- Calvin K, Wise M, Kyle P, Patel P, Clarke L and Edmonds J 2014 Trade-offs of different land and bioenergy policies on the path to achieving climate targets *Climatic Change* **123** 691–704
- Calvin K, Wise M, Luckow P, Kyle P, Clarke L and Edmonds J 2013 Implications of uncertain future fossil energy resources on bioenergy use and terrestrial carbon emissions *Climatic Change* 1–12
- Cameron C, Pachauri S, Rao N D, McCollum D L, Rogelj J and Riahi K 2016 Policy trade-offs between climate mitigation and clean cook-stove access in South Asia *Nature Energy* **1**
- Cao L and Caldeira K 2008 Atmospheric CO2 stabilization and ocean acidification *Geophys. Res. Lett.* **35** L19609
- Cao L, Caldeira K and Jain A K 2007 Effects of carbon dioxide and climate change on ocean acidification and carbonate mineral saturation *Geophys. Res. Lett.* **34** L05607
- Casillas C E and Kammen D M 2010 The energy-poverty-climate nexus *Renewable energy* **300** 200
- Cherp A, Adenikinju A, Goldthau A, Hernandez F, Hughes L, Jansen J C, Jewell J, Olshanskaya M, Soares de Oliveira R, Sovacool B K and Vakulenko S 2012 Chapter 5 - Energy and Security *Global Energy Assessment: Toward a More Sustainable Future* (Cambridge University Press, Cambridge, UK and New York, NY, USA and the International Institute for Applied Systems Analysis, Laxenburg, Austria: Cambridge University Press) pp 325–83
- Cherp A and Jewell J 2014 The concept of energy security: Beyond the four As *Energy Policy* **75** 415–21
- Cherp A and Jewell J 2011 The three perspectives on energy security: Intellectual history, disciplinary roots and the potential for integration *Current Opinion in Environmental Sustainability* **3** 202–12
- Chum H, Faaij A, Moreira J, Berndes G, Dhamija P, Dong H, Gabrielle B, Goss Eng G, Lucht W, Mapako M, Masera Cerutti O, McIntyre T, Minowa T and Pingoud K 2011 Bioenergy *IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation* [O. Edenhofer, R. Pichs-Madruga, Y. Sokona, K. Seyboth, P. Matschoss, S. Kadner, T. Zwickel, P. Eickemeier, G. Hansen, S. Schlömer, C. von Stechow (eds)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 209–331
- Clarke L, Jiang K, Akimoto K, Babiker M, Blanford G, Fisher-Vanden K, Hourcade J-C, Krey V, Kriegler E, Löschel A, McCollum D, Paltsev S, Rose S, Shukla P R, Tavoni M, van der Zwaan B and van Vuuren D P 2014 Assessing Transformation Pathways *Climate Change 2014: Mitigation* of *Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 413–506
- Clarke L, Lurz M, Wise M, Edmonds J, Kim S, Smith S J and Pitcher H 2007 *Model Documentation* for the MiniCAM Climate Change Science Program Stabilization Scenarios: CCSP Product 2.1a. (PNNL Technical Report. PNNL-16735)
- Clinch J P and Healy J D 2001 Cost-benefit analysis of domestic energy efficiency *Energy Policy* **29** 113–24
- Corsten M, Ramírez A, Shen L, Koornneef J and Faaij A 2013 Environmental impact assessment of CCS chains Lessons learned and limitations from LCA literature *International Journal of Greenhouse Gas Control* **13** 59–71
- Creutzig F, Corbera E, Bolwig S and Hunsberger C 2013 Integrating place-specific livelihood and equity outcomes into global assessments of bioenergy deployment *Environ. Res. Lett.* **8** 035047
- Creutzig F, Popp A, Plevin R J, Luderer G, Minx J and Edenhofer O 2012a Reconciling top-down and bottom-up modeling on future bioenergy deployment *Nature Climate Change* **2** 320–7
- Creutzig F, von Stechow C, Klein D, Hunsberger C, Bauer N, Popp A and Edenhofer O 2012b Can bioenergy assessments deliver? *Economics of Energy & Environmental Policy* **1** 65–82
- Criqui P and Mima S 2012 European climate–energy security nexus. A model based scenario analysis *Energy Policy* **41** 827–42

- Crivelli E, Furceri D and Toujas-Bernate J 2012 Can Policies Affect Employment Intensity of Growth? A Cross-Country Analysis (Rochester, NY: Social Science Research Network) Online: http://papers.ssrn.com/abstract=2169762
- Daioglou V, van Ruijven B J and van Vuuren D P 2012 Model projections for household energy use in developing countries *Energy* **37** 601–15
- De Cian E, Bosetti V and Tavoni M 2011 Technology innovation and diffusion in "less than ideal" climate policies: An assessment with the WITCH model *Climatic Change* **114** 121–43
- De Fraiture C, Giordano M and Liao Y 2008 Biofuels and implications for agricultural water use: Blue impacts of green energy *Water Policy* **10** 67–81
- van Dingenen R, Dentener F J, Raes F, Krol M C, Emberson L and Cofala J 2009 The global impact of ozone on agricultural crop yields under current and future air quality legislation *Atmospheric Environment* **43** 604–18
- Dowling P and Russ P 2012 The benefit from reduced energy import bills and the importance of energy prices in GHG reduction scenarios *Energy Economics* **34**, **Supplement 3** S429–35
- Duvenage I, Taplin R and Stringer L C 2012 Towards implementation and achievement of sustainable biofuel development in Africa *Environment, Development and Sustainability* **14** 993–1012
- Edenhofer O, Kadner S, von Stechow C, Schwerhoff G and Luderer G 2014 Linking Climate Change Mitigation Research to Sustainable Development *Handbook of Sustainable Development* ed G Atkinson, S Dietz, E Neumayer and M Agarwala (Cheltenham, UK: Edward Elgar. 2nd Ed.) pp 476–99
- Ekholm T, Soimakallio S, Moltmann S, Höhne N, Syri S and Savolainen I 2010 Effort sharing in ambitious, global climate change mitigation scenarios *Energy Policy* **38** 1797–810
- Elzen M den and Höhne N 2008 Reductions of greenhouse gas emissions in Annex I and non-Annex I countries for meeting concentration stabilisation targets *Climatic Change* **91** 249–74
- Elzen M G J den, Lucas P L and Vuuren D P van 2008 Regional abatement action and costs under allocation schemes for emission allowances for achieving low CO2-equivalent concentrations *Climatic Change* **90** 243–68
- Engemann K M and Owyang M T 2010 Unconventional oil production: Stuck in a rock and a hard place *The Federal Reserve Bank of St. Louis' The Regional Economist* **18** 14–5
- Ewing M and Msangi S 2009 Biofuels production in developing countries: Assessing tradeoffs in welfare and food security *Environmental Science & Policy* **12** 520–8
- Fankhauser S, Sehlleier F and Stern N 2008 Climate change, innovation and jobs *Climate Policy* **8** 421–9
- Farrell A E, Zerriffi H and Dowlatabadi H 2004 Energy infrastructure and security *Annual Review of Environment and Resources* **29** 421–69
- Finco M V A and Doppler W 2010 Bioenergy and sustainable development: The dilemma of food security and climate change in the Brazilian savannah *Energy for Sustainable Development* **14** 194–9
- Fischedick M, Schaeffer R, Adedoyin A, Akai M, Bruckner T, Clarke L, Krey V, Savolainen I, Teske S and Ürge-Vorsatz D 2011 Mitigation Potential and Costs *IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation* [O. Edenhofer, R. Pichs-Madruga, Y. Sokona, K. Seyboth, P. Matschoss, S. Kadner, T. Zwickel, P. Eickemeier, G. Hansen, S. Schlömer, C. von Stechow (eds)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 791–864
- Fisher B S, Nakicenovic N, Alfsen K, Corfee Morlot J, De la Chesnaye F, Hourcade J-C, Jiang K, Kainuma M, La Rovere E, Matysek A, Rana A, Riahi K, Richels R, Rose S, van Vuuren D and Warren R 2007 Issues Related to Mitigation in the Long-Term Context *Climate Change 2007: Mitigation. Contribution of Working Group III to the Fourth Assessment Report of the Inter-governmental Panel on Climate Change [B. Metz, O.R. Davidson, P.R. Bosch, R. Dave, L.A. Meyer (eds)]* (Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp. 169-250)

- Fleurbaey M, Kartha S, Bolwig S, Chee Y L, Chen Y, Corbera E, Lecocq F, Lutz W, Muylaert M S, Norgaard R B, Okereke C and Sagar A D 2014 Sustainable Development and Equity *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 283–350
- Fleurbaey M and Zuber S 2012 Climate Policies Deserve a Negative Discount Rate *Chi. J. Int'l L.* **13** 565
- Frondel M, Ritter N, Schmidt C M and Vance C 2010 Economic impacts from the promotion of renewable energy technologies: The German experience *Energy Policy* **38** 4048–56
- Frondel M, Schmidt C M, aus dem Moore N, Bruckner T, Kondziella H, Krawinkel H and Goldammer K 2012 Energiewende und steigende Strompreise: Wer trägt die Hauptlast der hohen Kosten? *ifo Schnelldienst* 65 3–18
- Frondel M, Sommer S and Vance C 2015 The burden of Germany's energy transition: An empirical analysis of distributional effects *Economic Analysis and Policy* **45** 89–99
- Frumkin H 2002 Urban sprawl and public health. *Public Health Rep* **117** 201–17
- Fullerton D and Metcalf G E 2001 Environmental controls, scarcity rents, and pre-existing distortions *Journal of Public Economics* **80** 249–67
- Fuss S, Canadell J G, Peters G P, Tavoni M, Andrew R M, Ciais P, Jackson R B, Jones C D, Kraxner F, Nakicenovic N, Le Quéré C, Raupach M R, Sharifi A, Smith P and Yamagata Y 2014 Betting on negative emissions *Nature Clim. Change* 4 850–3
- GEA 2012 *Global Energy Assessment Toward a Sustainable Future* (Cambridge University Press, Cambridge, UK and New York, NY, USA and the International Institute for Applied Systems Analysis, Laxenburg, Austria) Online: www.globalenergyassessment.org
- German L and Schoneveld G 2012 A review of social sustainability considerations among EUapproved voluntary schemes for biofuels, with implications for rural livelihoods *Energy Policy* **51** 765–78
- Giavi S, Moretti M, Bontadina F, Zambelli N and Schaub M 2014 Seasonal survival probabilities suggest low migration mortality in migrating bats *PLoS ONE* **9** e85628
- Goldemberg J, Coelho S T and Guardabassi P 2008 The sustainability of ethanol production from sugarcane *Energy Policy* **36** 2086–97
- Grainger C A and Kolstad C D 2010 Who Pays a Price on Carbon? Environ Resource Econ 46 359–76
- Granier C, Bessagnet B, Bond T, D'Angiola A, Gon H D van der, Frost G J, Heil A, Kaiser J W, Kinne S, Klimont Z, Kloster S, Lamarque J-F, Liousse C, Masui T, Meleux F, Mieville A, Ohara T, Raut J-C, Riahi K, Schultz M G, Smith S J, Thompson A, Aardenne J van, Werf G R van der and Vuuren D P van 2011 Evolution of anthropogenic and biomass burning emissions of air pollutants at global and regional scales during the 1980–2010 period *Climatic Change* 109 163–90
- Griffin B, Buisson P, Criqui P and Mima S 2013 White Knights: will wind and solar come to the rescue of a looming capacity gap from nuclear phase-out or slow CCS start-up? *Climatic Change* 123 623–35
- Guivarch C, Crassous R, Sassi O and Hallegatte S 2011 The costs of climate policies in a second-best world with labour market imperfections *Climate Policy* **11** 768–88
- Guivarch C and Hallegatte S 2013 2C or not 2C? *Global Environmental Change* 23 179–92
- Haberl H, Mbow C, Deng X, Irwin E G, Kerr S, Kuemmerle T, Mertz O, Meyfroidt P and Turner I 2014 Finite land resources and competition *Rethinking Global Land Use in an Urban Era. MIT Press, Cambridge* Online: http://forskningsbasen.deff.dk/Share.external?sp=S9da8ee83-6e21-4a42-ba50-4cb882bd7d9e&sp=Sku
- Hall J, Matos S, Severino L and Beltrão N 2009 Brazilian biofuels and social exclusion: Established and concentrated ethanol versus emerging and dispersed biodiesel *Journal of Cleaner Production* 17 S77–85

- Heinävaara S, Toikkanen S, Pasanen K, Verkasalo P K, Kurttio P and Auvinen A 2010 Cancer incidence in the vicinity of Finnish nuclear power plants: An emphasis on childhood leukemia *Cancer Causes & Control* **21** 587–95
- Hendriks C, Graus W and van Bergen F 2004 *Global carbon dioxide storage potential and costs* (Ecofys, Utrecht) Online: http://www.researchgate.net/profile/Wina_Crijns-Graus/publication/260095614_Global_carbon_dioxide_storage_potential_and_costs/links/02e7e52f 8a006a9854000000.pdf
- Hertwich E G, Gibon T, Bouman E A, Arvesen A, Suh S, Heath G A, Bergesen J D, Ramirez A, Vega M I and Shi L 2015 Integrated life-cycle assessment of electricity-supply scenarios confirms global environmental benefit of low-carbon technologies *PNAS* **112** 6260–4
- Hertwich E G, van der Voet E, Suh S, Tukker A, Huijbregts M A J, Kazmierczyk P, Lenzen M, McNeely J and Morguchi Y 2010 Assessing the Environmental Impacts of Consumption and Production: Priority Products and Materials. A Report of the Working Group on the Environmental Impacts of Products and Materials to the International Panel for Sustainable Resource Management. (UNEP/Earthprint) Online: http://www.unep.org/resourcepanelold/Portals/24102/PDFs/PriorityProductsAndMaterials_Report.pdf
- von Hippel F, Bunn M, Diakov A, Ding M, Goldston R, Katsuta T, Ramana M V, Suzuki T and Suyuan Y 2012 Chapter 14 - Nuclear Energy *Global Energy Assessment - Toward a Sustainable Future* (Cambridge University Press, Cambridge, UK and New York, NY, USA and the International Institute for Applied Systems Analysis, Laxenburg, Austria) pp 1069–130
- Hirth L 2013 The market value of variable renewables: The effect of solar wind power variability on their relative price *Energy Economics* **38** 218–36
- Hirth L and Ueckerdt F 2013 The Decreasing Market Value of Variable Renewables: Integration Options and Deadlocks *Transition to Renewable Energy Systems* ed D Stolten and -Ing Viktor Scherer (Wiley-VCH Verlag GmbH & Co. KGaA) pp 75–92 Online: http://onlinelibrary.wiley.com/doi/10.1002/9783527673872.ch6/summary
- Holttinen H 2012 Wind integration: experience, issues, and challenges WENE 1 243-55
- Holttinen H, Meibom P, Orths A, Lange B, O'Malley M, Tande J O, Estanqueiro A, Gomez E, Söder L, Strbac G, Smith J C and van Hulle F 2011 Impacts of large amounts of wind power on design and operation of power systems, results of IEA collaboration *Wind Energ.* **14** 179–92
- Hourcade J-C, Jaccard M, Bataille C and Ghersi F 2006 Hybrid modeling: New answers to old challenges introduction to the special issue of the energy journal *Energy Journal* **27** 1–11
- Huang J, Yang J, Msangi S, Rozelle S and Weersink A 2012 Biofuels and the poor: Global impact pathways of biofuels on agricultural markets *Food Policy* **37** 439–51
- Humpenöder F, Popp A, Dietrich J P, Klein D, Lotze-Campen H, Bonsch M, Bodirsky B L, Weindl I, Stevanovic M and Müller C 2014 Investigating afforestation and bioenergy CCS as climate change mitigation strategies *Environ. Res. Lett.* **9** 064029
- IEA 2009 *Technology Roadmap: Carbon Capture and Storage* (Paris, France: Organisation for Economic Co-operation and Development/International Energy Agency (IEA)) Online: https://www.iea.org/publications/freepublications/publication/technology-roadmap-carbon-capture-and-storage-2009.html
- IEA 2012 World Energy Outlook 2012 (Paris, France: Organisation for Economic Co-operation and Development/International Energy Agency (IEA)) Online: http://www.worldenergyoutlook.org/publications/weo-2012/
- IPCC 2014 Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.)]. IPCC, Geneva, Switzerland, 151 pp.
- IPTS 2010 Prospective Outlook on Long-Term Energy Systems POLES Manual, Version 6.1, (Institute for Prospective Technological Studies (IPTS), European Commission Joint Research Centre) Online: http://ipts.jrc.ec.europa.eu/activities/energy-andtransport/documents/POLESdescription.pdf
- Jakob M and Steckel J C 2014 How climate change mitigation could harm development in poor countries *WIREs Clim Change* **5** 161–8

- Jewell J 2011 Ready for nuclear energy?: An assessment of capacities and motivations for launching new national nuclear power programs *Energy Policy* **39** 1041–55
- Jewell J, Cherp A and Riahi K 2014 Energy security under de-carbonization scenarios: An assessment framework and evaluation under different technology and policy choices *Energy Policy* **65** 743–60
- Johansson B 2013 Security aspects of future renewable energy systems–A short overview *Energy* **61** 598–605
- Johnson N, Krey V, McCollum D L, Rao S, Riahi K and Rogelj J 2015 Stranded on a low-carbon planet: Implications of climate policy for the phase-out of coal-based power plants *Technological Forecasting and Social Change* **90, Part A** 89–102
- Joos F, Fröhlicher T L, Steinacher M and Plattner G-K 2011 Impact of climate change mitigation on ocean acidification projections *Ocean Acidification* ed J-P Gattuso and L Hansson (Oxford, UK: Oxford University Press) pp 272–90
- Kaatsch P, Spix C, Schulze-Rath R, Schmiedel S and Blettner M 2008 Leukaemia in young children living in the vicinity of German nuclear power plants *International Journal of Cancer* **122** 721–6
- Kanagawa M and Nakata T 2007 Analysis of the energy access improvement and its socio-economic impacts in rural areas of developing countries *Ecological Economics* **62** 319–29
- Kim S H, Wada K, Kurosawa A and Roberts M 2014 Nuclear energy response in the EMF27 study *Climatic Change* **123** 443–60
- Knopf B and Geden O 2014 A warning from the IPCC: the EU 2030's climate target cannot be based on science alone Online: http://www.energypost.eu/warning-ipcc-eu-2030s-climate-target-based-science-alone/
- Koornneef J, van Keulen T, Faaij A and Turkenburg W 2008 Life cycle assessment of a pulverized coal power plant with post-combustion capture, transport and storage of CO2 *International Journal of Greenhouse Gas Control* **2** 448–67
- Krey V, Masera O, Blanford G, Bruckner T, Cooke R, Fisher-Vanden K, Haberl H, Hertwich E, Kriegler E, Mueller D, Paltsev S, Price L, Schlömer S, Ürge-Vorsatz D, van Vuuren D and Zwickel T 2014 Annex II: Metrics & Methodology *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 1281–328
- Krey V, O'Neill B C, van Ruijven B, Chaturvedi V, Daioglou V, Eom J, Jiang L, Nagai Y, Pachauri S and Ren X 2012 Urban and rural energy use and carbon dioxide emissions in Asia *Energy Economics* 34, Supplement 3 S272–83
- Kriegler E, Petermann N, Krey V, Schwanitz V J, Luderer G, Ashina S, Bosetti V, Eom J, Kitous A, Méjean A, Paroussos L, Sano F, Turton H, Wilson C and Van Vuuren D P 2015a Diagnostic indicators for integrated assessment models of climate policy *Technological Forecasting and Social Change* 90, Part A 45–61
- Kriegler E, Riahi K, Bauer N, Schwanitz V J, Petermann N, Bosetti V, Marcucci A, Otto S, Paroussos L, Rao S, Arroyo Currás T, Ashina S, Bollen J, Eom J, Hamdi-Cherif M, Longden T, Kitous A, Méjean A, Sano F, Schaeffer M, Wada K, Capros P, P. van Vuuren D and Edenhofer O 2015b Making or breaking climate targets: The AMPERE study on staged accession scenarios for climate policy *Technological Forecasting and Social Change* **90**, **Part A** 24–44
- Kriegler E, Riahi K, Petermann N, Bosetti V, Capros P, Van Vuuren D, Criqui P, Egenhofer C, Fragkos P, Johnson N, Paroussos L, Behrens A, Edenhofer O and the AMPERE Consortium 2014a Assessing pathways toward ambitious climate targets at the global and European levels. A synthesis of results from the AMPERE project (Potsdam, Germany) Online: http://ampereproject.eu/web/images/Final_Conference/ampere_synthesis_5-2014-compact.pdf
- Kriegler E, Tavoni M, Aboumahboub T, Luderer G, Calvin K, Demaere G, Krey V, Riahi K, Rösler H, Schaeffer M and Van Vuuren D P 2013 What does the 2°C target imply for a global climate agreement in 2020? The limits study on Durban Platform scenarios *Clim. Change Econ.* **04** 1340008

- Kriegler E, Weyant J P, Blanford G J, Krey V, Clarke L, Edmonds J, Fawcett A, Luderer G, Riahi K, Richels R, Rose S K, Tavoni M and Vuuren D P van 2014b The role of technology for achieving climate policy objectives: Overview of the EMF 27 study on global technology and climate policy strategies *Climatic Change* 123 353–67
- Kruyt B, van Vuuren D P, de Vries H J M and Groenenberg H 2009 Indicators for energy security Energy Policy **37** 2166–81
- Kunreuther H, Gupta S, Bosetti V, Cooke R, Dutt V, Ha-Duong M, Held H, Llanes-Regueiro J, Patt A, Shittu E and Weber E 2014 Integrated Risk and Uncertainty Assessment of Climate Change Response Policies *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 151–205
- Lackey R T 2001 Values, Policy, and Ecosystem Health Options for resolving the many ecological policy issues we face depend on the concept of ecosystem health, but ecosystem health is based on controversial, value-based assumptions that masquerade as science *BioScience* **51** 437–43
- Lamarque J-F, Bond T C, Eyring V, Granier C, Heil A, Klimont Z, Lee D, Liousse C, Mieville A, Owen B, Schultz M G, Shindell D, Smith S J, Stehfest E, Van Aardenne J, Cooper O R, Kainuma M, Mahowald N, McConnell J R, Naik V, Riahi K and van Vuuren D P 2010 Historical (1850– 2000) gridded anthropogenic and biomass burning emissions of reactive gases and aerosols: methodology and application *Atmos. Chem. Phys.* **10** 7017–39
- Lambert R J and Silva P P 2012 The challenges of determining the employment effects of renewable energy *Renewable and Sustainable Energy Reviews* **16** 4667–74
- Lamb W F and Rao N D 2015 Human development in a climate-constrained world: What the past says about the future *Global Environmental Change* **33** 14–22
- Lehnert L S, Kramer-Schadt S, Schönborn S, Lindecke O, Niermann I and Voigt C C 2014 Wind farm facilities in Germany kill noctule bats from near and far *PLoS ONE* **9** e103106
- Lehr U, Lutz C and Edler D 2012 Green jobs? Economic impacts of renewable energy in Germany *Energy Policy* **47** 358–64
- Leiby P N and Rubin J 2013 Energy security implications of a national low carbon fuel standard *Energy Policy* **56** 29–40
- Leimbach M, Bauer N, Baumstark L and Edenhofer O 2009 Mitigation Costs in a Globalized World: Climate Policy Analysis with REMIND-R *Environ Model Assess* **15** 155–73
- Leimbach M, Bauer N, Baumstark L, Lüken M and Edenhofer O 2010 Technological Change and International Trade Insights from REMIND-R *The Energy Journal* **31** 109–36
- Lim S S, Vos T, Flaxman A D, Danaei G, Shibuya K, Adair-Rohani H, AlMazroa M A, Amann M, Anderson H R, Andrews K G, Aryee M, Atkinson C, Bacchus L J, Bahalim A N, Balakrishnan K, Balmes J, Barker-Collo S, Baxter A, Bell M L, Blore J D, Blyth F, Bonner C, Borges G, Bourne R, Boussinesq M, Brauer M, Brooks P, Bruce N G, Brunekreef B, Bryan-Hancock C, Bucello C, Buchbinder R, Bull F, Burnett R T, Byers T E, Calabria B, Carapetis J, Carnahan E, Chafe Z, Charlson F, Chen H, Chen J S, Cheng A T-A, Child J C, Cohen A, Colson K E, Cowie B C, Darby S, Darling S, Davis A, Degenhardt L, Dentener F, Des Jarlais D C, Devries K, Dherani M, Ding E L, Dorsey E R, Driscoll T, Edmond K, Ali S E, Engell R E, Erwin P J, Fahimi S, Falder G, Farzadfar F, Ferrari A, Finucane M M, Flaxman S, Fowkes F G R, Freedman G, Freeman M K, Gakidou E, Ghosh S, Giovannucci E, Gmel G, Graham K, Grainger R, Grant B, Gunnell D, Gutierrez H R, Hall W, Hoek H W, Hogan A, Hosgood H D, Hoy D, Hu H, Hubbell B J, Hutchings S J, Ibeanusi S E, Jacklyn G L, Jasrasaria R, Jonas J B, Kan H, Kanis J A, Kassebaum N, Kawakami N, Khang Y-H, Khatibzadeh S, et al 2012 A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990–2010: A systematic analysis for the Global Burden of Disease Study 2010 *The Lancet* **380** 2224–60

- Lotze-Campen H, von Lampe M, Kyle P, Fujimori S, Havlik P, van Meijl H, Hasegawa T, Popp A, Schmitz C, Tabeau A, Valin H, Willenbockel D and Wise M 2014 Impacts of increased bioenergy demand on global food markets: An AgMIP economic model intercomparison *Agricultural Economics* **45** 103–16
- Lucas P L, Shukla P R, Chen W, van Ruijven B J, Dhar S, den Elzen M G J and van Vuuren D P 2013 Implications of the international reduction pledges on long-term energy system changes and costs in China and India *Energy Policy* **63** 1032–41
- Lucon O, Ürge-Vorsatz D, Zain Ahmed A, Akbari H, Bertoldi P, Cabeza L F, Eyre N, Gadgil A, Harvey L D D, Jiang Y, Liphoto E, Mirasgedis S, Murakami S, Parikh J, Pyke C and Vilariño M V 2014 Buildings *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 671–738
- Luderer G, Bertram C, Calvin K, Cian E D and Kriegler E 2013a Implications of weak near-term climate policies on long-term mitigation pathways *Climatic Change* 1–14
- Luderer G, De Cian E, Hourcade J-C, Leimbach M, Waisman H and Edenhofer O 2012 On the regional distribution of mitigation costs in a global cap-and-trade regime *Climatic Change* **114** 59–78
- Luderer G, Leimbach M, Bauer N and Kriegler E 2011 Description of the ReMIND-R Model, Technical Report (Potsdam, Germany: Potsdam Institute for Climate Impact Research (PIK)) Online: www.pik-potsdam.de/research/sustainablesolutions/models/remind/REMIND Description.pdf
- Luderer G, Leimbach M, Bauer N, Kriegler E, Aboumahboub T, Curras T A, Baumstark L, Bertram C, Giannousakis A, Hilaire J, Klein D, Mouratiadou I, Pietzcker R, Piontek F, Roming N, Schultes A, Schwanitz V J and Strefler J 2013b *Description of the REMIND Model (Version 1.5)* (Rochester, NY: Social Science Research Network) Online: http://papers.ssrn.com/abstract=2312844
- Luderer G, Pietzcker R C, Bertram C, Kriegler E, Meinshausen M and Edenhofer O 2013c Economic mitigation challenges: How further delay closes the door for achieving climate targets *Environ*. *Res. Lett.* **8** 034033
- Marques A T, Batalha H, Rodrigues S, Costa H, Pereira M J R, Fonseca C, Mascarenhas M and Bernardino J 2014 Understanding bird collisions at wind farms: An updated review on the causes and possible mitigation strategies *Biological Conservation* **179** 40–52
- Mathesius S, Hofmann M, Caldeira K and Schellnhuber H J 2015 Long-term response of oceans to CO2 removal from the atmosphere *Nature Clim. Change* **5** 1107–13
- Mazzoldi A, Rinaldi A P, Borgia A and Rutqvist J 2012 Induced seismicity within geological carbon sequestration projects: Maximum earthquake magnitude and leakage potential from undetected faults *International Journal of Greenhouse Gas Control* **10** 434–42
- McCollum D L, Krey V, Riahi K, Kolp P, Grubler A, Makowski M and Nakicenovic N 2013 Climate policies can help resolve energy security and air pollution challenges *Climatic Change* **119** 479–94
- McMillan M, Rodrik D and Verduzco-Gallo Í 2014 Globalization, structural change, and productivity growth, with an update on africa *World Development* **63** 11–32
- Meldrum J, Nettles-Anderson S, Heath G and Macknick J 2013 Life cycle water use for electricity generation: A review and harmonization of literature estimates *Environ. Res. Lett.* **8** 015031
- Messner S and Schrattenholzer L 2000 MESSAGE–MACRO: linking an energy supply model with a macroeconomic module and solving it iteratively *Energy* **25** 267–82
- Moore R 2012 Definitions of fuel poverty: Implications for policy *Energy Policy* **49** 19–26
- Nelson T, Simshauser P and Kelley S 2011 Australian residential solar feed-in tariffs: Industry stimulus or regressive form of taxation? *Economic Analysis and Policy* **41** 113–29

- Oei P-Y, Gerbaulet C, Kemfert C, Kunz F, Reitz F and von Hirschhausen C 2015 Oei, P. Y., Gerbaulet, C., Kemfert, C., Kunz, F., Reitz, F., & von Hirschhausen, C. (2015). Effektive CO2-Minderung im Stromsektor: Klima-, Preis-und Beschäftigungseffekte des Klimabeitrags und alternativer Instrumente Online: http://www.diw.de/sixcms/detail.php?id=diw_01.c.509252.de
- Orr J C, Fabry V J, Aumont O, Bopp L, Doney S C, Feely R A, Gnanadesikan A, Gruber N, Ishida A, Joos F, Key R M, Lindsay K, Maier-Reimer E, Matear R, Monfray P, Mouchet A, Najjar R G, Plattner G-K, Rodgers K B, Sabine C L, Sarmiento J L, Schlitzer R, Slater R D, Totterdell I J, Weirig M-F, Yamanaka Y and Yool A 2005 Anthropogenic ocean acidification over the twenty-first century and its impact on calcifying organisms *Nature* **437** 681–6
- Pachauri S, Ruijven B J van, Nagai Y, Riahi K, Vuuren D P van, Brew-Hammond A and Nakicenovic N 2013 Pathways to achieve universal household access to modern energy by 2030 *Environ. Res. Lett.* 8 024015
- Pachauri S and Spreng D 2004 Energy use and energy access in relation to poverty *Economic and Political Weekly* **39** 271–8
- Palmer M A, Bernhardt E S, Schlesinger W H, Eshleman K N, Foufoula-Georgiou E, Hendryx M S, Lemly A D, Likens G E, Loucks O L, Power M E, White P S and Wilcock P R 2010 Mountaintop Mining Consequences Science 327 148–9
- Paltsev S and Capros P 2013 Cost concepts for climate change mitigation *Clim. Change Econ.* 04 1340003
- PBL 2012 Roads from Rio+20. Pathways to achieve global sustainability goals by 2050 (The Hague, The Netherlands: Netherlands 3 Environmental Assessment Agency (PBL)) Online: http://www.pbl.nl/en/publications/2012/roads-from-rio20
- Pindyck R S 2013 *Climate change policy: What do the models tell us? No. w19244* (National Bureau of Economic Research) Online: http://www.nber.org/papers/w19244
- Popp A, Dietrich J P, Lotze-Campen H, Klein D, Bauer N, Krause M, Beringer T, Gerten D and Edenhofer O 2011 The economic potential of bioenergy for climate change mitigation with special attention given to implications for the land system *Environ. Res. Lett.* **6** 034017
- Popp A, Rose S K, Calvin K, Vuuren D P V, Dietrich J P, Wise M, Stehfest E, Humpenöder F, Kyle P, Vliet J V, Bauer N, Lotze-Campen H, Klein D and Kriegler E 2014 Land-use transition for bioenergy and climate stabilization: Model comparison of drivers, impacts and interactions with other land use based mitigation options *Climatic Change* 123 495–509
- Porter J R, Xie L, Challinor A J, Cochrane K, Howden S M, Iqbal M M, Lobell D B and Travasso M I 2014 Food security and food production systems *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel of Climate Change ed C B Field, V R Barros, D J Dokken, K J Mach, M D Mastrandrea, T E Bilir, M Chatterjee, K L Ebi, Y O Estrada, R C Genova, B Girma, E S Kissel, A N Levy, S MacCracken, P R Mastrandrea and L L White (Cambridge, United Kingdom and New York, NY, USA: Cambridge University Press) pp 485–533*
- Rao S, Pachauri S, Dentener F, Kinney P, Klimont Z, Riahi K and Schoepp W 2013 Better air for better health: Forging synergies in policies for energy access, climate change and air pollution *Global Environmental Change* 23 1122–30
- Rao S and Riahi K 2006 The Role of Non-CO₃ Greenhouse Gases in Climate Change Mitigation: Long-term Scenarios for the 21st Century *The Energy Journal* **27** 177–200
- Ravallion M and Chen S 1997 What can new survey data tell us about recent changes in distribution and poverty? *World Bank Econ Rev* **11** 357–82
- Riahi K, Grübler A and Nakicenovic N 2007 Scenarios of long-term socio-economic and environmental development under climate stabilization *Technological Forecasting and Social Change* **74** 887–935
- Riahi K, Kriegler E, Johnson N, Bertram C, den Elzen M, Eom J, Schaeffer M, Edmonds J, Isaac M, Krey V, Longden T, Luderer G, Méjean A, McCollum D L, Mima S, Turton H, van Vuuren D P, Wada K, Bosetti V, Capros P, Criqui P, Hamdi-Cherif M, Kainuma M and Edenhofer O 2015 Locked into Copenhagen pledges Implications of short-term emission targets for the cost and feasibility of long-term climate goals *Technological Forecasting and Social Change* 90, Part A 8–23

- Rockström J, Steffen W, Noone K, Persson \AAsa, Chapin F S, Lambin E F, Lenton T M, Scheffer M, Folke C, Schellnhuber H J and others 2009 A safe operating space for humanity *Nature* **461** 472–5
- Rodrik D 2008 One Economics, Many Recipes: Globalization, Institutions, and Economic Growth (Princeton University Press)
- Rogelj J, Luderer G, Pietzcker R C, Kriegler E, Schaeffer M, Krey V and Riahi K 2015 Energy system transformations for limiting end-of-century warming to below 1.5 °C *Nature Clim. Change* **5** 519–27
- Rogelj J, McCollum D L, O'Neill B C and Riahi K 2013a 2020 emissions levels required to limit warming to below 2 °C *Nature Clim. Change* **3** 405–12
- Rogelj J, McCollum D L and Riahi K 2013b The UN's "Sustainable Energy for All" initiative is compatible with a warming limit of 2 °C *Nature Clim. Change* **3** 545–51
- Rogelj J, Nabel J, Chen C, Hare W, Markmann K, Meinshausen M, Schaeffer M, Macey K and Höhne N 2010 Copenhagen Accord pledges are paltry *Nature* **464** 1126–8
- Rogner H-H, Aguilera R F, Bertani R, Bhattacharya S C, Dusseault M B, Gagnon L, Haberl H, Hoogwijk M, Johnson A, Rogner M L, Wagner H and Yakushev V 2012 Chapter 7 - Energy Resources and Potentials *Global Energy Assessment - Toward a Sustainable Future* (Cambridge University Press, Cambridge, UK and New York, NY, USA and the International Institute for Applied Systems Analysis, Laxenburg, Austria) pp 423–512 Online: www.globalenergyassessment.org
- Romero-Jordán D, del Río P and Peñasco C 2016 An analysis of the welfare and distributive implications of factors influencing household electricity consumption *Energy Policy* **88** 361–70
- Rose S K, Ahammad H, Eickhout B, Fisher B, Kurosawa A, Rao S, Riahi K and van Vuuren D P 2012 Land-based mitigation in climate stabilization *Energy Economics* **34** 365–80
- Rozenberg J, Vogt-Schilb A and Hallegatte S 2014 Transition to clean capital, irreversible investment and stranded assets *World Bank Policy Research Working Paper* **6859** Online: http://papers.ssrn.com/abstract=2433812
- van Ruijven B J, van Vuuren D P, van Vliet J, Mendoza Beltran A, Deetman S and den Elzen M G J 2012 Implications of greenhouse gas emission mitigation scenarios for the main Asian regions *Energy Economics* **34, Supplement 3** S459–69
- Ruiz Romero S, Colmenar Santos A and Castro Gil M A 2012 EU plans for renewable energy. An application to the Spanish case *Renewable Energy* **43** 322–30
- Sagan S D 2011 The causes of nuclear weapons proliferation *Annual Review of Political Science* **14** 225–44
- Sano F, Akimoto K, Homma T, Oda J and Wada K 2012 Analysis of Asian Long-term Climate Change Mitigation in Power Generation sector 3rd IAEE Asian Conference (Kyoto, Japan) Online: http://eneken.ieej.or.jp/3rd_IAEE_Asia/pdf/paper/044p.pdf
- Sano F, Wada K, Akimoto K and Oda J 2015 Assessments of GHG emission reduction scenarios of different levels and different short-term pledges through macro- and sectoral decomposition analyses *Technological Forecasting and Social Change* **90**, **Part A** 153–65
- Sathaye J, Lucon O, Rahman A, Christensen J, Denton F, Fujino J, Heath G, Kadner S, Mirza M, Rudnick H, Schlaepfer A and Shmakin A 2011 Renewable Energy in the Context of Sustainable Development *IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation* [O. Edenhofer, R. Pichs-Madruga, Y. Sokona, K. Seyboth, P. Matschoss, S. Kadner, T. Zwickel, P. Eickemeier, G. Hansen, S. Schlömer, C. von Stechow (eds)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 707–89
- Schaeffer M, Gohar L, Kriegler E, Lowe J, Riahi K and van Vuuren D 2015 Mid- and long-term climate projections for fragmented and delayed-action scenarios *Technological Forecasting and Social Change* **90, Part A** 257–68
- Schakel W, Meerman H, Talaei A, Ramírez A and Faaij A 2014 Comparative life cycle assessment of biomass co-firing plants with carbon capture and storage *Applied Energy* **131** 441–67

- Sermage-Faure C, Laurier D, Goujon-Bellec S, Chartier M, Guyot-Goubin A, Rudant J, Hémon D and Clavel J 2012 Childhood leukemia around French nuclear power plants—the Geocap study, 2002– 2007 International Journal of cancer **131** E769–80
- Shearer C, Ghio N, Myllyvirta L and Nace T 2015 Boom and bust. Tracking the global coal plantpipeline(CoalSwarmandSierraClub)Online:http://action.sierraclub.org/site/DocServer/Coal_Tracker_report_final_3-9-15.pdf?docID=17381
- Shindell D, Kuylenstierna J C I, Vignati E, Dingenen R van, Amann M, Klimont Z, Anenberg S C, Muller N, Janssens-Maenhout G, Raes F, Schwartz J, Faluvegi G, Pozzoli L, Kupiainen K, Höglund-Isaksson L, Emberson L, Streets D, Ramanathan V, Hicks K, Oanh N T K, Milly G, Williams M, Demkine V and Fowler D 2012 Simultaneously mitigating near-term climate change and improving human health and food security *Science* 335 183–9
- Siirila E R, Navarre-Sitchler A K, Maxwell R M and McCray J E 2012 A quantitative methodology to assess the risks to human health from CO2 leakage into groundwater *Advances in Water Resources* **36** 146–64
- Sims R, Mercado P, Krewitt W, Bhuyan G, Flynn D, Holttinen H, Jannuzzi G, Khennas S, Liu Y, Nilsson L J, Ogden J, Ogimoto K, O'Malley M, Outhred H, Ulleberg Ø and Hulle F van 2011 Integration of Renewable Energy into Present and Future Energy Systems *IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation* [O. Edenhofer, R. Pichs-Madruga, Y. Sokona, K. Seyboth, P. Matschoss, S. Kadner, T. Zwickel, P. Eickemeier, G. Hansen, S. Schlömer, C. von Stechow (eds)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, ed O Edenhofer, R Pichs-Madruga, Y Sokona, K Seyboth, P Matschoss, S Kadner, T Zwickel, P Eickemeier, G Hansen, S Schlömer and C von Stechow pp 609–706
- Sims R, Schaeffer R, Creutzig F, Cruz-Núñez X, D'Agosto M, Dimitriu D, Figueroa Meza M J, Fulton L, Kobayashi S, Lah O, McKinnon A, Newman P, Ouyang M, Schauer J J, Sperling D and Tiwari G 2014 Transport *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 599–670
- Smith K R, Bruce N, Balakrishnan K, Adair-Rohani H, Balmes J, Chafe Z, Dherani M, Hosgood H D, Mehta S, Pope D and Rehfuess E 2014a Millions dead: how do we know and what does it mean? Methods used in the comparative risk assessment of household air pollution *Annual Review of Public Health* **35** 185–206
- Smith K R, Frumkin H, Balakrishnan K, Butler C D, Chafe Z A, Fairlie I, Kinney P, Kjellstrom T, Mauzerall D L, McKone T E, McMichael A J and Schneider M 2013 Energy and human health Annual Review of Public Health 34 159–88
- Smith K R and Haigler E 2008 Co-benefits of climate mitigation and health protection in energy systems: Scoping methods *Annual Review of Public Health* **29** 11–25
- Smith P, Bustamante M, Ahammad H, Clark H, Dong H, Elsiddig E A, Haberl H, Harper R, House J, Jafari M, Masera O, Mbow C, Ravindranath N H, Rice C W, Robledo Abad C, Romanovskaya A, Sperling F and Tubiello F 2014b Agriculture, Forestry and Other Land Use (AFOLU) *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 811–922
- Smith S J and Mizrahi A 2013 Near-term climate mitigation by short-lived forcers PNAS 110 14202–6
- Söder L, Hofmann L, Orths A, Holttinen H, Wan Y-H and Tuohy A 2007 Experience from wind integration in some high penetration areas *IEEE Transactions on Energy Conversion* **22** 4–12
- Sokona Y, Mulugetta Y and Gujba H 2012 Widening energy access in Africa: Towards energy transition *Energy Policy* **47**, **Supplement 1** 3–10

- Somanathan E, Sterner T, Sugiyama T, Chimanikire D, Dubash N K, Essandoh-Yeddu J, Fifita S, Goulder L, Jaffe A, Labandeira X, Managi S, Mitchell C, Montero J P, Teng F and Zylicz T 2014 National and Sub-national Policies and Institutions *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J. C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp 1141–205
- Stanton E A 2010 Negishi welfare weights in integrated assessment models: the mathematics of global inequality *Climatic Change* **107** 417–32
- von Stechow C, McCollum D, Riahi K, Minx J C, Kriegler E, van Vuuren D P, Jewell J, Robledo-Abad C, Hertwich E, Tavoni M, Mirasgedis S, Lah O, Roy J, Mulugetta Y, Dubash N K, Bollen J, Ürge-Vorsatz D and Edenhofer O 2015 Integrating global climate change mitigation goals with other sustainability objectives: A synthesis *Annual Review of Environment and Resources* **40** 363– 94
- Steckel J C, Brecha R J, Jakob M, Strefler J and Luderer G 2013 Development without energy? Assessing future scenarios of energy consumption in developing countries *Ecological Economics* **90** 53–67
- Steckel J C, Edenhofer O and Jakob M 2015 Drivers for the renaissance of coal *Proceedings of the National Academy of Sciences* **112** E3775–81
- Steinberger J K and Roberts J T 2010 From constraint to sufficiency: The decoupling of energy and carbon from human needs, 1975–2005 *Ecological Economics* **70** 425–33
- Szulczewski M L, MacMinn C W, Herzog H J and Juanes R 2012 Lifetime of carbon capture and storage as a climate-change mitigation technology *PNAS* **109** 5185–9
- Tadesse G, Algieri B, Kalkuhl M and von Braun J 2014 Drivers and triggers of international food price spikes and volatility *Food Policy* **47** 117–28
- Tavoni M, Kriegler E, Aboumahboub T, Calvin K, De Maere G, Wise M, Klein D, Jewell J, Kober T, Lucas P, Luderer G, McCOLLUM D, Marangoni G, Riahi K and Van Vuuren D 2013 The distribution of the major economies' effort in the Durban Platform scenarios *Clim. Change Econ.* 04 1340009
- Tavoni M, Kriegler E, Riahi K, van Vuuren D P, Aboumahboub T, Bowen A, Calvin K, Campiglio E, Kober T, Jewell J, Luderer G, Marangoni G, McCollum D, van Sluisveld M, Zimmer A and van der Zwaan B 2015 Post-2020 climate agreements in the major economies assessed in the light of global models *Nature Clim. Change* 5 119–26
- Tilman D, Socolow R, Foley J A, Hill J, Larson E, Lynd L, Pacala S, Reilly J, Searchinger T, Somerville C and others 2009 Beneficial biofuels—The food, energy, and environment trilemma *Science* **325** 270
- Ueckerdt F, Hirth L, Luderer G and Edenhofer O 2013 System LCOE: What are the costs of variable renewables? *Energy* **63** 61–75
- UNEP 2014 The Emissions Gap Report 2014: A UNEP Synthesis Report (Nairobi, Kenya) Online: http://www.unep.org/publications/ebooks/emissionsgapreport2014/
- Ürge-Vorsatz D and Tirado Herrero S 2012 Building synergies between climate change mitigation and energy poverty alleviation *Energy Policy* **49** 83–90
- Verones F, Hanafiah M M, Pfister S, Huijbregts M A J, Pelletier G J and Koehler A 2010 Characterization factors for thermal pollution in freshwater aquatic environments *Environ. Sci. Technol.* **44** 9364–9
- Vliet J van, Hof A F, Beltran A M, Berg M van den, Deetman S, Elzen M G J den, Lucas P L and Vuuren D P van 2013 The impact of technology availability on the timing and costs of emission reductions for achieving long-term climate targets *Climatic Change* **123** 559–69
- van Vuuren D P, Kok M, Lucas P L, Prins A G, Alkemade R, van den Berg M, Bouwman L, van der Esch S, Jeuken M, Kram T and Stehfest E 2015 Pathways to achieve a set of ambitious global sustainability objectives by 2050: Explorations using the IMAGE integrated assessment model *Technological Forecasting and Social Change* 98 303–23

- van Vuuren D, Hoogwijk M, Barker T, Riahi K, Boeters S, Chateau J, Scrieciu S, van Vliet J, Masui T, Blok K, Blomen E and Kram T 2009 Comparison of top-down and bottom-up estimates of sectoral and regional greenhouse gas emission reduction potentials *Energy Policy* **37** 5125–39
- Wada K, Sano F, Akimoto K and Homma T 2012 Assessment of Copenhagen pledges with long-term implications *Energy Economics* **34**, **Supplement 3** S481–6
- Walter A, Dolzan P, Quilodrán O, de Oliveira J G, da Silva C, Piacente F and Segerstedt A 2011 Sustainability assessment of bio-ethanol production in Brazil considering land use change, GHG emissions and socio-economic aspects *Energy Policy* **39** 5703–16
- Wei M, Patadia S and Kammen D M 2010 Putting renewables and energy efficiency to work: How many jobs can the clean energy industry generate in the US? *Energy policy* **38** 919–31
- Weyant J P, de la Chesnaye F C and Blanford G J 2006 Overview of EMF-21: Multigas mitigation and climate policy *The Energy Journal* **27** 1–32
- White J A, Chiaramonte L, Ezzedine S, Foxall W, Hao Y, Ramirez A and McNab W 2014 Geomechanical behavior of the reservoir and caprock system at the In Salah CO2 storage project *PNAS* **111** 8747–52
- Wilson C, Grubler A, Bauer N, Krey V and Riahi K 2013 Future capacity growth of energy technologies: are scenarios consistent with historical evidence? *Climatic Change* **118** 381–95
- Wise M, Calvin K, Thomson A, Clarke L, Bond-Lamberty B, Sands R, Smith S J, Janetos A and Edmonds J 2009 Implications of limiting CO2 concentrations for land use and energy *Science* **324** 1183–6
- Wise M, Dooley J, Luckow P, Calvin K and Kyle P 2014 Agriculture, land use, energy and carbon emission impacts of global biofuel mandates to mid-century *Applied Energy* **114** 763–73
- Woynillowicz D, Severson-Baker C and Raynolds M 2005 *Oil sands fever: The environmental implications of Canada's oil sands rush* (Calgary, Canada: Pembina Institute Edmonton) Online: http://www.pembina.org/pub/203
- Zhai H, Rubin E S and Versteeg P L 2011 Water use at pulverized coal power plants with postcombustion carbon capture and storage *Environ. Sci. Technol.* **45** 2479–85
- Zickfeld K, Arora V K and Gillett N P 2012 Is the climate response to CO2 emissions path dependent? *Geophys. Res. Lett.* **39** L05703