V	Vork pack	ages	Wastable.	11	
	-	Diagnostics		Unit	Definition  Tatal paraleties
			Population GDP MER	million billion US\$2005/yr	Total population GDP at market exchange rate
			GDP PPP	billion US\$2005/yr	GDP converted to US \$ using purchasing power parity
			Primary Energy Primary Energy Fossil	EJ/yr EJ/yr	total primary energy consumption (direct equivalent) coal, gas, conventional and unconventional oil primary energy consumption
			Primary Energy Fossil w/ CCS	EJ/yr	coal, gas, conventional and unconventional oil primary energy consumption used in combination with CCS
			Primary Energy Fossil w/o CCS Primary Energy Coal	EJ/yr EJ/yr	coal, gas, conventional and unconventional oil primary energy consumption without CCS coal primary energy consumption
			Primary Energy Coal w/ CCS	EJ/yr	coal primary energy consumption used in combination with CCS
			Primary Energy Coal w/o CCS Primary Energy Oil	EJ/yr EJ/yr	coal primary energy consumption without CCS conventional & unconventional oil primary energy consumption
			Primary Energy Oil w/ CCS	EJ/yr	conventional & unconventional oil primary energy consumption used in combination with CCS
			Primary Energy Oil w/o CCS Primary Energy Gas	EJ/yr EJ/yr	conventional & unconventional oil primary energy consumption without CCS gas primary energy consumption
			Primary Energy Gas w/ CCS	EJ/yr	gas primary energy consumption used in combination with CCS
			Primary Energy Gas w/o CCS Primary Energy Biomass	EJ/yr EJ/yr	gas primary energy consumption without CCS purpose-grown bioenergy crops, crop and forestry residue bioenergy, municipal solid waste bioenergy, traditional biomass primary energy consumption
			Primary Energy Biomass w/ CCS	EJ/yr	purpose-grown bioenergy crops, crop and forestry residue bioenergy, municipal solid waste bioenergy, traditional biomass primary energy consumption used in combination with CCS
			Primary Energy Biomass w/o CCS Primary Energy Biomass Modern	EJ/yr EJ/yr	purpose-grown bioenergy crops, crop and forestry residue bioenergy, municipal solid waste bioenergy, traditional biomass primary energy consumption without CCS modern biomass primary energy consumption, including purpose-grown bioenergy crops, crop and forestry residue bioenergy and municipal solid waste bioenergy
			Primary Energy Biomass Traditional	EJ/yr	traditional biomass primary energy consumption
			Primary Energy Nuclear Primary Energy Non-Biomass Renewables	EJ/yr EJ/yr	nuclear primary energy consumption (direct equivalent, includes electricity, heat and hydrogen production from nuclear energy) non-biomass renewable energy consumption (direct equivalent, includes hydro electricity, wind electricity, geothermal electricity and heat, solar electricity, heat and hydrogen, ocean energy)
			Primary Energy Hydro	EJ/yr	total hydro primary energy consumption
			Primary Energy Wind Primary Energy Solar	EJ/yr EJ/yr	total wind primary energy consumption total solar primary energy consumption
			Primary Energy Geothermal	EJ/yr	total geothermal primary energy consumption
			Primary Energy Ocean Primary Energy Secondary Energy Trade	EJ/yr EJ/yr	total ocean primary energy consumption trade in secondary energy carriers (e.g. electricity, hydrogen, fossil synfuels, negative means net exports)
			Primary Energy Other	EJ/yr	primary energy consumption from sources that do not fit to any other category (direct equivalent)
			Primary Energy Coal Electricity Primary Energy Gas Electricity	EJ/yr EJ/yr	coal primary energy consumption in the electricity sector gas primary energy consumption in the electricity sector
			Secondary Energy	EJ/yr	total secondary energy - the sum of all secondary energy carrier production
			Secondary Energy Electricity	EJ/yr	total net electricity production
			Secondary Energy Electricity Coal Secondary Energy Electricity Coal w/ CCS	EJ/yr EJ/yr	net electricity production from coal net electricity production from coal with a CO2 capture component
			Secondary Energy Electricity Coal w/o CCS	EJ/yr	net electricity production from coal with freely vented CO2 emissions
			Secondary Energy Electricity Oil Secondary Energy Electricity Oil w/ CCS	EJ/yr EJ/yr	net electricity production from refined liquids net electricity production from refined liquids with a CO2 capture component
			Secondary Energy Electricity Oil w/o CCS	EJ/yr	net electricity production from refined liquids with freely vented CO2 emissions
			Secondary Energy Electricity Gas Secondary Energy Electricity Gas w/ CCS	EJ/yr EJ/yr	net electricity production from natural gas net electricity production from natural gas with a CO2 capture component
			Secondary Energy Electricity Gas w/o CCS	EJ/yr	net electricity production from natural gas with freely vented CO2 emissions
			Secondary Energy Electricity Biomass Secondary Energy Electricity Biomass w/ CCS	EJ/yr EJ/yr	net electricity production from municipal solid waste, purpose-grown biomass, crop residues, forest industry waste, biogas net electricity production from municipal solid waste, purpose-grown biomass, crop residues, forest industry waste with a CO2 capture component
			Secondary Energy Electricity Biomass w/o CCS	EJ/yr	net electricity production from municipal solid waste, purpose-grown biomass, crop residues, forest industry waste with freely vented CO2 emissions
			Secondary Energy Electricity Nuclear Secondary Energy Electricity Non-Biomass Renewables	EJ/yr EJ/yr	net electricity production from nuclear energy net electricity production from hydro, wind, solar, geothermal, ocean, and other renewable sources (excluding bioenergy). This is a summary category for all the non-biomass renewables.
			Secondary Energy Electricity Hydro	EJ/yr	net hydroelectric production
			Secondary Energy Electricity Solar Secondary Energy Electricity Solar CSP	EJ/yr EJ/yr	net electricity production from all sources of solar energy (e.g., PV and concentrating solar power) net electricity production from concentrating solar power (CSP)
			Secondary Energy Electricity Solar PV	EJ/yr	net electricity production from solar photovoltaics (PV)
			Secondary Energy Electricity Wind Secondary Energy Electricity Geothermal	EJ/yr EJ/yr	net electricity production from wind energy (on- and offshore) net electricity production from all sources of geothermal energy (e.g., hydrothermal, enhanced geothermal systems)
			Secondary Energy Electricity Ocean	EJ/yr	net electricity production from all sources of ocean energy (e.g., tidal, wave, ocean thermal electricity generation)
			Secondary Energy Electricity Other Secondary Energy Liquids	EJ/yr EJ/yr	net electricity production from sources that do not fit to any other category  Total final energy
			Secondary Energy Liquids Biomass	EJ/yr	total liquid biofuels production
			Secondary Energy Liquids Biomass w/ CCS Secondary Energy Liquids Biomass w/o CCS	EJ/yr EJ/yr	total production of liquid biofuels from facilities with CCS total production of liquid biofuels from facilities without CCS
			Secondary Energy Liquids Fossil	EJ/yr	total production of fossil liquid synfuels
			Secondary Energy Liquids Fossil w/ CCS Secondary Energy Liquids Fossil w/o CCS	EJ/yr EJ/yr	total production of fossil liquid synfuels from facilities with CCS total production of fossil liquid synfuels from facilities without CCS
			Secondary Energy Liquids Coal	EJ/yr	total production of fossil liquid synfuels from coal-to-liquids (CTL) technologies
		ı	Secondary Energy Liquids Gas Secondary Energy Liquids Oil	EJ/yr EJ/yr	total production of fossil liquid synfuels from gas-to-liquids (GTL) technologies total production of liquid fuels from petroleum, including both conventional and unconventional sources
			Secondary Energy Gases	EJ/yr	total production of gaseous fuels, including natural gas
			Secondary Energy Gases Biomass Secondary Energy Gases Natural Gas	EJ/yr EJ/yr	total production of biogas total production of natural gas
		•	Secondary Energy Gases Coal	EJ/yr	total production of coal gas from coal gasification
			Secondary Energy Gases Other Secondary Energy Solids	EJ/yr EJ/yr	total production of gases from sources that do not fit any other category solid secondary energy carriers (e.g., briquettes, coke, wood chips, wood pellets)
		•	Secondary Energy Solids Coal	EJ/yr	solid secondary energy carriers produced from coal (e.g., briquettes, coke)
		ı	Secondary Energy Solids Biomass Secondary Energy Heat	EJ/yr EJ/yr	solid secondary energy carriers produced from biomass (e.g., commercial charcoal, wood chips, wood pellets) secondary energy used for heat purposes
			Secondary Energy Heat Geothermal	EJ/yr	secondary energy used for heat purposes coming from geothermal
		l	Secondary Energy Hydrogen Secondary Energy Hydrogen Biomass	EJ/yr EJ/yr	total hydrogen production hydrogen production from biomass
			Secondary Energy Hydrogen Electricity	EJ/yr	hydrogen production from electricity via electrolyzes
			Secondary Energy Hydrogen Fossil Secondary Energy Hydrogen Other	EJ/yr EJ/yr	hydrogen production from fossil fuels hydrogen production from other sources (e.g., thermochemical production from nuclear or solar heat)
			Secondary Energy Other Carrier	EJ/yr	generation of other secondary energy carriers that do not fit any other category
			Final Energy Final Energy Industry	EJ/yr EJ/yr	final final energy consumed by end-use sectors, excluding transmission/distribution losses final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing
			Final Energy Industry Solids	EJ/yr	final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing coming from solids
			Final Energy Industry Solids Coal Final Energy Industry Solids Biomass	EJ/yr EJ/yr	final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing coming from coal final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing coming from biomass
			Final Energy Industry Liquids	EJ/yr	final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing coming from liquids
			Final Energy Industry Gases Final Energy Industry Electricity	EJ/yr EJ/yr	final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing coming from gases final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing coming from electricity
			Final Energy Industry Other	EJ/yr	final energy consumed by the industrial sector, including non-energy use (e.g. feedstocks in the petrochemical industry), including agriculture and fishing coming from other sources
			Final Energy Residential and Commercial Final Energy Residential and Commercial Solids Coal	EJ/yr EJ/yr	final energy consumed in the residential & commercial sector final energy consumed in the residential & commercial sector coming from coal
			Final Energy Residential and Commercial Solids Biomass	EJ/yr	final energy consumed in the residential & commercial sector coming from biomass
			Final Energy Residential and Commercial Solids Biomass Traditional Final Energy Residential and Commercial Liquids	EJ/yr EJ/yr	final energy consumed in the residential & commercial sector coming from biomass (traditional) final energy consumed in the resi sector coming from liquids
			Final Energy Residential and Commercial Gases	EJ/yr	final energy consumed in the residential & commercial sector coming from gases
		l	Final Energy Residential and Commercial Electricity Final Energy Residential and Commercial Space Heating	EJ/yr EJ/yr	final energy consumed in the residential & commercial sector coming from electricity final energy consumed for space heating in residential and commercial buildings
			Final Energy Residential and Commercial Other	EJ/yr	final energy consumed in the residential & commercial sector coming from other sources
			Final Energy Transportation Final Energy Transportation Freight	EJ/yr EJ/yr	final energy consumed in the transportation, bunker fuels (excluding pipelines) final energy consumed for freight transportation
			Final Energy Transportation Passenger	EJ/yr	final energy consumed for passenger transportation
		l	Final Energy Transportation Liquids Final Energy Transportation Liquids Oil	EJ/yr EJ/yr	final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from liquids final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from petroleum products
			Final Energy Transportation Liquids Biomass	EJ/yr	final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from biofuels

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Final Energy|Transportation|Liquids|Coal
                                                                                         EJ/yr
                                                                                                             final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from liquified coal
Final Energy|Transportation|Gases
                                                                                         EJ/yr
                                                                                                             final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from gases
Final Energy|Transportation|Electricity
                                                                                         EJ/yr
                                                                                                             final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from electricity
Final Energy|Transportation|Hydrogen
                                                                                                             final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from hydrogen
                                                                                         EJ/yr
                                                                                                             final energy consumed in the transportation, bunker fuels (excluding pipelines) coming from other sources
Final Energy|Transportation|Other
                                                                                         EJ/yr
Final Energy|Solids
                                                                                         EJ/yr
                                                                                                             final energy solid fuel consumption (including coal and solid biomass)
Final Energy|Solids|Coal
                                                                                         EJ/yr
                                                                                                             final energy coal consumption
Final Energy|Solids|Biomass
                                                                                         EJ/yr
                                                                                                             final energy consumption of solid biomass (modern and traditional), excluding final energy consumption of bioliquids which are reported in the liquids category
Final Energy|Solids|Biomass|Traditional
                                                                                         EJ/yr
                                                                                                             final energy consumption of traditional biomass
Final Energy|Liquids
                                                                                         EJ/yr
                                                                                                             final energy consumption of refined liquids (conventional & unconventional oil, biofuels, coal-to-liquids, gas-to-liquids) consumption
Final Energy|Gases
                                                                                         EJ/yr
                                                                                                             final energy consumption of gases (natural gas, biogas, coal-gas) consumption, excluding transmission/distribution losses
Final Energy|Electricity
                                                                                         EJ/yr
                                                                                                             final energy consumption of electricity (including on-site solar PV) consumption, excluding transmission/distribution losses
Final Energy|Hydrogen
                                                                                                             final energy consumption of hydrogen
                                                                                         EJ/yr
Final Energy|Heat
                                                                                         EJ/yr
                                                                                                             final energy consumption of heat (e.g., district heat, process heat, solar heating and warm water), excluding transmission/distribution losses
Final Energy|Other
                                                                                         EJ/yr
                                                                                                             final energy consumption of other sources that do not fit to any other category
Final Energy|Other Sector
                                                                                         EJ/yr
                                                                                                             final energy consumed by other sectors than industry, transportation, residential and commercial
Energy Service|Transportation|Freight
                                                                                                             energy service demand for freight transport
                                                                                         bn tkm/yr
Energy Service|Transportation|Passenger
                                                                                         bn pkm/yr
                                                                                                             energy service demand for passenger transport
                                                                                         Mt CO2/yr
Emissions|CO2
                                                                                                             total carbon dioxide emissions, including emissions from fossil fuel combustion, industrial processes and land-use change
                                                                                         Mt CO2/yr
Emissions|CO2|Fossil Fuels and Industry
                                                                                                             carbon dioxide emissions from fossil fuel combustion and industrial processes
                                                                                         Mt CO2/yr
Emissions|CO2|Fossil Fuels and Industry|Energy Supply
                                                                                                             carbon dioxide emissions from power and heat generation, other energy conversion (e.g. refineries, synfuel production), resource extration and energy transmission and distribution (e.g. gas pipelines)
Emissions|CO2|Fossil Fuels and Industry|Energy Supply|Electricity
                                                                                         Mt CO2/yr
                                                                                                             carbon dioxide emissions from electric power generation
Emissions|CO2|Fossil Fuels and Industry|Energy Demand
                                                                                         Mt CO2/yr
                                                                                                             carbon dioxide emissions from all energy end-use sectors
Emissions|CO2|Fossil Fuels and Industry|Energy Demand|Industry
                                                                                         Mt CO2/yr
                                                                                                             carbon dioxide emissions from the industrial sector, including feedstocks, including agriculture and fishing
Emissions|CO2|Fossil Fuels and Industry|Energy Demand|Residential and Commercial
                                                                                        Mt CO2/yr
                                                                                                             carbon dioxide emissions from the residential & commercial sector
Emissions|CO2|Fossil Fuels and Industry|Energy Demand|Transportation
                                                                                         Mt CO2/yr
                                                                                                             carbon dioxide emissions from the transportation sector and bunker fuels (excluding pipelines)
                                                                                         Mt CO2/yr
Emissions|CO2|Fossil Fuels and Industry|Energy Demand|Other Sector
                                                                                                             carbon dioxide emissions from other energy end-use sectors that do not fit to any other category
Emissions|CO2|Land Use
                                                                                         Mt CO2/yr
                                                                                                             net carbon dioxide emissions from all categories of land use and land-use change (e.g., pasture conversion, deforestation, afforestation, reforestation, soil management, etc.)
                                                                                         Mt CO2/yr
                                                                                                             total carbon dioxide emissions captured and stored in geological deposits (e.g. in depleted oil and gas fields, unmined coal seams, saline aquifers) and the deep ocean, stored amounts should be reported as positive numbers
Emissions|CO2|Carbon Capture and Storage
Emissions|CO2|Carbon Capture and Storage|Biomass
                                                                                         Mt CO2/yr
                                                                                                             total carbon dioxide emissions from biomass combustion captured and stored in geological deposits (e.g. in depleted oil and gas fields, unmined coal seams, saline aquifers) and the deep ocean, stored amounts should be reported as positive numbers
EmissionsIN2O
                                                                                         kt N2O/yr
                                                                                                             total nitrous oxide emissions
Emissions|CH4
                                                                                         Mt CH4/yr
                                                                                                             total methane emissions
Emissions|F-Gases
                                                                                         Mt CO2-equiv/yr
                                                                                                            total F-gas emissions, including sulfur hexafluoride (SF6), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), others?
                                                                                                            total Kyoto gas emissions, including CO2, CH4, N2O and F-Gases. Equivalent emissions calculated based on 100 yr GWP from IPCC AR4, Chap. 2 of WGI report
Emissions|Kyoto Gases
                                                                                         Mt CO2-equiv/yr
                                                                                         Mt SO2/yr
Emissions|Sulfur
                                                                                                             total sulfur emissions
Emissions|BC
                                                                                         Mt BC/yr
                                                                                                             total black carbon emissions
Emissions|OC
                                                                                         Mt OC/yr
                                                                                                             total organic carbon emissions
Emissions|NOx
                                                                                         Mt NO2/yr
                                                                                                             total nitrogen oxide emissions
                                                                                         W/m2
                                                                                                             radiative forcing from all greenhouse gases and forcing agents, including contributions from albedo, nitrate, and mineral dust
Forcing
                                                                                         W/m2
Forcing|AN3A
                                                                                                             radiative forcing from all greenhouse gases and forcing agents, excluding contributions from albedo, nitrate, and mineral dust
Forcing|Kyoto Gases
                                                                                         W/m2
                                                                                                             radiative forcing of the six Kyoto gases (CO2, CH4, N2O, SF6, HFCs, PFCs)
Temperature|Global Mean
                                                                                         ^{\circ}\mathrm{C}
                                                                                                             change in global mean temperature relative to pre-industrial
Price|Carbon
                                                                                         US$2005/t CO2
                                                                                                            marginal cost of abatement (for regional aggregrates a weighted sum by subregion emissions should be used)
                                                                                         US$2005/GJ
Price|Primary Energy|Oil
                                                                                                             crude oil price at the primary level (i.e. the spot price at the global or regional market)
Price|Primary Energy|Gas
                                                                                         US$2005/GJ
                                                                                                             natural gas price at the primary level (i.e. the spot price at the global or regional market)
Price|Primary Energy|Coal
                                                                                         US$2005/GJ
                                                                                                             coal price at the primary level (i.e. the spot price at the global or regional market)
Consumption
                                                                                         billion US$2005/yr total consumption of all goods, by all consumers in a region
Policy Cost|Area under MAC Curve
                                                                                         billion US$2005/yr total costs of the policy, i.e. the area under the Marginal Abatement Cost (MAC) curve
Policy Cost|GDP Loss
                                                                                         billion US$2005/yr GDP loss in a policy scenario compared to the corresponding baseline (losses should be reported as positive numbers)
Policy Cost|Consumption Loss
                                                                                         billion US$2005/yr consumption loss in a policy scenario compared to the corresponding baseline (losses should be reported as positive numbers)
Policy Cost|Equivalent Variation
                                                                                         billion US$2005/yr equivalent variation associated with the given policy
Policy Cost|Additional Total Energy System Cost
                                                                                         billion US$2005/yr additional energy system cost associated with the policy
                                                                                         billion US$2005/yr any other indicator of policy cost (e.g., compensated variation)
Policy Cost|Other
Trade|All|Value
                                                                                         billion US$2005/yr net exports of all goods, at the global level these should add up to the trade losses only
                                                                                         EJ/yr
Trade|Primary Energy|Coal|Volume
                                                                                                             net exports of coal, at the global level these should add up to the trade losses only
Trade|Primary Energy|Gas|Volume
                                                                                         EJ/yr
                                                                                                             net exports of natural gas, at the global level these should add up to the trade losses only
Trade|Primary Energy|Oil|Volume
                                                                                         EJ/yr
                                                                                                             net exports of crude oil, at the global level these should add up to the trade losses only
Trade|Primary Energy|Biomass|Volume
                                                                                         EJ/yr
                                                                                                             net exports of solid, unprocessed biomass, at the global level these should add up to the trade losses only
Trade|Secondary Energy|Electricity|Volume
                                                                                         EJ/yr
                                                                                                             net exports of electricity, at the global level these should add up to the trade losses only
Investment|All
                                                                                         billion US$2005/yr Total investments (macroecomic capital stock, energy system, R&D, ...)
Investment|Energy Supply
                                                                                         billion US$2005/yr Investments into energy supply
Investment|Energy Supply|Electricity
                                                                                         billion US$2005/yr Investments into electricity (energy supply)
Capital Cost|Electricity|Coal|IGCC|w/o CCS
                                                                                         $/kW
                                                                                                             capital cost of a new IGCC facility without CCS
Efficiency|Electricity|Coal|IGCC|w/o CCS
                                                                                                             efficiency of a new IGCC facility without CCS
Capital Cost|Electricity|Coal|IGCC|w/ CCS
                                                                                         $/kW
                                                                                                             capital cost of new IGCC facilities with CCS
 Capital Cost|Electricity|Gas|CC|w/o CCS
                                                                                         $/kW
                                                                                                             capital cost of a new gas combined cycle (CC) facility without CCS
Efficiency|Electricity|Gas|CC|w/o CCS
                                                                                                             efficiency of a new gas combined cycle (CC) facility without CCS
Capital Cost|Electricity|Gas|CC|w/ CCS
                                                                                        $/kW
                                                                                                             capital cost of a new gas combined cycle (CC) facility without CCS
Capital Cost|Electricity|Solar|CSP
                                                                                        $/kW
                                                                                                             capital cost of a new solar CSP facility
Capital Cost|Electricity|Solar|PV
                                                                                         $/kW
                                                                                                             capital cost of new solar PV cells
Capital Cost|Electricity|Nuclear
                                                                                         $/kW
                                                                                                             capital cost of a new nuclear power plant
Capital Cost|Electricity|Wind
                                                                                        $/kW
                                                                                                             capital cost of a new wind turbine
                                                                                        GW
Capacity|Electricity|Coal|w/ CCS
                                                                                                             total installed capacity of operating coal power plants with CCS
Capacity|Electricity|Coal|w/o CCS
                                                                                        GW
                                                                                                             total installed capacity of operating coal power plants without CCS
Capacity|Electricity|Gas|w/ CCS
                                                                                        GW
                                                                                                             total installed capacity of operating gas power plants with CCS
                                                                                        GW
Capacity|Electricity|Gas|w/o CCS
                                                                                                             total installed capacity of operating gas power plants without CCS
Capacity|Electricity|Gas|CC|w/ CCS
                                                                                        GW
                                                                                                             total installed capacity of operating gas combined cycle (CC) facilities with CCS
Capacity|Electricity|Gas|CC|w/o CCS
                                                                                        GW
                                                                                                             total installed capacity of operating gas combined cycle (CC) facilities without CCS
                                                                                        GW
Capacity|Electricity|Nuclear
                                                                                                             operating nuclear power plants
                                                                                        GW
                                                                                                             total installed capacity of operating solar power plants (including CSP and PV)
Capacity|Electricity|Solar
Capacity|Electricity|Solar|CSP
                                                                                        GW
                                                                                                             total installed capacity of operating solar CSP facilities
                                                                                        GW
                                                                                                             total installed capacity of operating solar PV systems
Capacity|Electricity|Solar|PV
                                                                                         GW
 Capacity|Electricity|Wind
                                                                                                             total installed capacity of operating wind plants
Cumulative Capacity|Electricity
                                                                                         GW
                                                                                                             Cumulative installed total electricity generation capacity since the year 2005
                                                                                        GW
                                                                                                             Cumulative installed biomass electricity generation capacity since the year 2005
Cumulative Capacity|Electricity|Biomass
                                                                                        GW
Cumulative Capacity|Electricity|Coal
                                                                                                             Cumulative installed coal electricity generation capacity since the year 2005
                                                                                        GW
Cumulative Capacity|Electricity|Gas
                                                                                                             Cumulative installed gas electricity generation capacity since the year 2005
                                                                                        GW
Cumulative Capacity|Electricity|Nuclear
                                                                                                             Cumulative installed nuclear electricity generation capacity since the year 2005
                                                                                        GW
Cumulative Capacity|Electricity|Solar
                                                                                                             Cumulative installed solar electricity generation capacity since the year 2005
                                                                                        GW
Cumulative Capacity|Electricity|Solar|CSP
                                                                                                             Cumulative installed solar photovoltaic (PV) electricity generation capacity since the year 2005
Cumulative Capacity|Electricity|Solar|PV
                                                                                         GW
                                                                                                             Cumulative installed concentrating solar power (CSP) electricity generation capacity since the year 2005
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Cumulative installed wind electricity generation capacity since the year 2005

Cumulative coal extraction

Cumulative gas extraction

Cumulative oil extraction

Cumulative installed onshore wind electricity generation capacity since the year 2005

Cumulative installed offshore wind electricity generation capacity since the year 2005 Real interest rate or return on capital that is relevant for energy system investments

GW

GW

GW

% EJ

EJ

ΕJ

Cumulative Capacity|Electricity|Wind

Resource|Cumulative Extraction|Coal

Resource|Cumulative Extraction|Gas

Resource|Cumulative Extraction|Oil

Interest Rate|Real

Cumulative Capacity|Electricity|Wind|Offshore

Cumulative Capacity|Electricity|Wind|Onshore