

type_emission	emission
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GHGs

CO2

type_year	year
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firstmodely 2010

cumulative 2010

2010 2010

cumulative 2020

2020 2020

cumulative 2030

2030 2030

cumulative 2040

2040 2040

**commodity**

electricity

emission

CO2

node_loc	technology	year_vtg	year_act	time
Czechia	coal_ppl	2010	2010	year
Czechia	coal_ppl	2010	2020	year
Czechia	coal_ppl	2010	2030	year
Czechia	coal_ppl	2010	2040	year
Czechia	coal_ppl	2020	2020	year
Czechia	coal_ppl	2020	2030	year
Czechia	coal_ppl	2020	2040	year
Czechia	coal_ppl	2030	2030	year
Czechia	coal_ppl	2030	2040	year
Czechia	coal_ppl	2040	2040	year
Czechia	gas_ppl	2010	2010	year
Czechia	gas_ppl	2010	2020	year
Czechia	gas_ppl	2010	2030	year
Czechia	gas_ppl	2010	2040	year
Czechia	gas_ppl	2020	2020	year
Czechia	gas_ppl	2020	2030	year
Czechia	gas_ppl	2020	2040	year
Czechia	gas_ppl	2030	2030	year
Czechia	gas_ppl	2030	2040	year
Czechia	gas_ppl	2040	2040	year
Czechia	bio_ppl	2010	2010	year
Czechia	bio_ppl	2010	2020	year
Czechia	bio_ppl	2010	2030	year
Czechia	bio_ppl	2010	2040	year
Czechia	bio_ppl	2020	2020	year
Czechia	bio_ppl	2020	2030	year
Czechia	bio_ppl	2020	2040	year
Czechia	bio_ppl	2030	2030	year
Czechia	bio_ppl	2030	2040	year
Czechia	bio_ppl	2040	2040	year
Czechia	hydro_ppl	2010	2010	year
Czechia	hydro_ppl	2010	2020	year
Czechia	hydro_ppl	2010	2030	year
Czechia	hydro_ppl	2010	2040	year
Czechia	hydro_ppl	2020	2020	year
Czechia	hydro_ppl	2020	2030	year
Czechia	hydro_ppl	2020	2040	year
Czechia	hydro_ppl	2030	2030	year
Czechia	hydro_ppl	2030	2040	year
Czechia	hydro_ppl	2040	2040	year
Czechia	wind_ppl	2010	2010	year
Czechia	wind_ppl	2010	2020	year
Czechia	wind_ppl	2010	2030	year
Czechia	wind_ppl	2010	2040	year
Czechia	wind_ppl	2020	2020	year
Czechia	wind_ppl	2020	2030	year
Czechia	wind_ppl	2020	2040	year
Czechia	wind_ppl	2030	2030	year
Czechia	wind_ppl	2030	2040	year
Czechia	wind_ppl	2040	2040	year

Czechia	solar_pv_p	2010	2010	year
Czechia	solar_pv_p	2010	2020	year
Czechia	solar_pv_p	2010	2030	year
Czechia	solar_pv_p	2010	2040	year
Czechia	solar_pv_p	2020	2020	year
Czechia	solar_pv_p	2020	2030	year
Czechia	solar_pv_p	2020	2040	year
Czechia	solar_pv_p	2030	2030	year
Czechia	solar_pv_p	2030	2040	year
Czechia	solar_pv_p	2040	2040	year
Czechia	nuc_lc	2010	2010	year
Czechia	nuc_lc	2010	2020	year
Czechia	nuc_lc	2010	2030	year
Czechia	nuc_lc	2010	2040	year
Czechia	nuc_lc	2020	2020	year
Czechia	nuc_lc	2020	2030	year
Czechia	nuc_lc	2020	2040	year
Czechia	nuc_lc	2030	2030	year
Czechia	nuc_lc	2030	2040	year
Czechia	nuc_lc	2040	2040	year

**level**

secondary

final

**lvl\_spatial**

World

global

country



vl\_temporal  
year

<b>node_parent</b>	<b>node</b>
World	World
World	Czechia
Czechia	Czechia

<b>lvl_spatial</b>	<b>node</b>	<b>node_parent</b>
country	Czechia	World

<b>vl_tempora</b>	<b>time</b>	<b>time_parent</b>
year	year	year

ime_paren	time
year	year

**mode**

all

standard

**node**

World

Czechia

**rating**

firm

unrated



**technology**

coal\_ppl

gas\_ppl

bio\_ppl

hydro\_ppl

wind\_ppl

solar\_pv\_ppl

nuc\_lc

electricity\_grid

**time**

year

pe\_emission

GHGs

**type\_node**

economy

**type\_tec**

all

**type\_year**

firstmodelyear

lastmodelyear

initializyear\_macro

cumulative

2010

2020

2030

2040

year
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2010

2020

2030

2040

<b>node_loc</b>	<b>technology</b>	<b>year_act</b>	<b>mode</b>	<b>time</b>	<b>value</b>	<b>unit</b>
Czechia	coal_ppl	2010	standard	year	4.697945	GWa
Czechia	gas_ppl	2010	standard	year	0.128653	GWa
Czechia	hydro_ppl	2010	standard	year	0.319292	GWa
Czechia	bio_ppl	2010	standard	year	0.200913	GWa
Czechia	wind_ppl	2010	standard	year	0.031621	GWa
Czechia	solar_pv_p	2010	standard	year	0.058219	GWa
Czechia	nuc_lc	2010	standard	year	2.644521	GWa
Czechia	hydro_ppl	2020	standard	year	0.405137	GWa
Czechia	hydro_ppl	2030	standard	year	0.405137	GWa
Czechia	hydro_ppl	2040	standard	year	0.405137	GWa



<b>node_loc</b>	<b>technology</b>	<b>year_act</b>	<b>mode</b>	<b>time</b>	<b>value</b>	<b>unit</b>
Czechia	coal_ppl	2010	standard	year	4.697945	GWa
Czechia	gas_ppl	2010	standard	year	0.128653	GWa
Czechia	hydro_ppl	2010	standard	year	0.319292	GWa
Czechia	bio_ppl	2010	standard	year	0.200913	GWa
Czechia	wind_ppl	2010	standard	year	0.031621	GWa
Czechia	solar_pv_p	2010	standard	year	0.058219	GWa
Czechia	nuc_lc	2010	standard	year	2.644521	GWa
Czechia	hydro_ppl	2020	standard	year	0.405137	GWa
Czechia	hydro_ppl	2030	standard	year	0.405137	GWa
Czechia	hydro_ppl	2040	standard	year	0.405137	GWa

node_loc	technology	year_vtg	value	unit
Czechia	bio_ppl	2010	0.334855	GW
Czechia	coal_ppl	2010	6.858314	GW
Czechia	gas_ppl	2010	0.225707	GW
Czechia	hydro_ppl	2010	0.491219	GW
Czechia	nuc_lc	2010	3.111201	GW
Czechia	solar_pv_p	2010	0.388128	GW
Czechia	wind_ppl	2010	0.143732	GW

node_loc	technology	year_vtg	year_act	time	value	unit
Czechia	coal_ppl	2010	2010	year	0.685	-
Czechia	coal_ppl	2010	2020	year	0.685	-
Czechia	coal_ppl	2010	2030	year	0.685	-
Czechia	coal_ppl	2010	2040	year	0.685	-
Czechia	coal_ppl	2020	2020	year	0.685	-
Czechia	coal_ppl	2020	2030	year	0.685	-
Czechia	coal_ppl	2020	2040	year	0.685	-
Czechia	coal_ppl	2030	2030	year	0.685	-
Czechia	coal_ppl	2030	2040	year	0.685	-
Czechia	coal_ppl	2040	2040	year	0.685	-
Czechia	gas_ppl	2010	2010	year	0.57	-
Czechia	gas_ppl	2010	2020	year	0.57	-
Czechia	gas_ppl	2010	2030	year	0.57	-
Czechia	gas_ppl	2010	2040	year	0.57	-
Czechia	gas_ppl	2020	2020	year	0.57	-
Czechia	gas_ppl	2020	2030	year	0.57	-
Czechia	gas_ppl	2020	2040	year	0.57	-
Czechia	gas_ppl	2030	2030	year	0.57	-
Czechia	gas_ppl	2030	2040	year	0.57	-
Czechia	gas_ppl	2040	2040	year	0.57	-
Czechia	bio_ppl	2010	2010	year	0.6	-
Czechia	bio_ppl	2010	2020	year	0.6	-
Czechia	bio_ppl	2010	2030	year	0.6	-
Czechia	bio_ppl	2010	2040	year	0.6	-
Czechia	bio_ppl	2020	2020	year	0.6	-
Czechia	bio_ppl	2020	2030	year	0.6	-
Czechia	bio_ppl	2020	2040	year	0.6	-
Czechia	bio_ppl	2030	2030	year	0.6	-
Czechia	bio_ppl	2030	2040	year	0.6	-
Czechia	bio_ppl	2040	2040	year	0.6	-
Czechia	hydro_ppl	2010	2010	year	0.65	-
Czechia	hydro_ppl	2010	2020	year	0.65	-
Czechia	hydro_ppl	2010	2030	year	0.65	-
Czechia	hydro_ppl	2010	2040	year	0.65	-
Czechia	hydro_ppl	2020	2020	year	0.65	-
Czechia	hydro_ppl	2020	2030	year	0.65	-
Czechia	hydro_ppl	2020	2040	year	0.65	-
Czechia	hydro_ppl	2030	2030	year	0.65	-
Czechia	hydro_ppl	2030	2040	year	0.65	-
Czechia	hydro_ppl	2040	2040	year	0.65	-
Czechia	wind_ppl	2010	2010	year	0.22	-
Czechia	wind_ppl	2010	2020	year	0.22	-
Czechia	wind_ppl	2010	2030	year	0.22	-
Czechia	wind_ppl	2010	2040	year	0.22	-
Czechia	wind_ppl	2020	2020	year	0.22	-
Czechia	wind_ppl	2020	2030	year	0.22	-
Czechia	wind_ppl	2020	2040	year	0.22	-
Czechia	wind_ppl	2030	2030	year	0.22	-
Czechia	wind_ppl	2030	2040	year	0.22	-
Czechia	wind_ppl	2040	2040	year	0.22	-

Czechia	solar_pv_p	2010	2010	year	0.15 -
Czechia	solar_pv_p	2010	2020	year	0.15 -
Czechia	solar_pv_p	2010	2030	year	0.15 -
Czechia	solar_pv_p	2010	2040	year	0.15 -
Czechia	solar_pv_p	2020	2020	year	0.15 -
Czechia	solar_pv_p	2020	2030	year	0.15 -
Czechia	solar_pv_p	2020	2040	year	0.15 -
Czechia	solar_pv_p	2030	2030	year	0.15 -
Czechia	solar_pv_p	2030	2040	year	0.15 -
Czechia	solar_pv_p	2040	2040	year	0.15 -
Czechia	nuc_lc	2010	2010	year	0.85 -
Czechia	nuc_lc	2010	2020	year	0.85 -
Czechia	nuc_lc	2010	2030	year	0.85 -
Czechia	nuc_lc	2010	2040	year	0.85 -
Czechia	nuc_lc	2020	2020	year	0.85 -
Czechia	nuc_lc	2020	2030	year	0.85 -
Czechia	nuc_lc	2020	2040	year	0.85 -
Czechia	nuc_lc	2030	2030	year	0.85 -
Czechia	nuc_lc	2030	2040	year	0.85 -
Czechia	nuc_lc	2040	2040	year	0.85 -

<b>node</b>	<b>commodity</b>	<b>level</b>	<b>year</b>	<b>time</b>	<b>value</b>	<b>unit</b>
Czechia	electricity	final	2010	year	6.18984	GWa
Czechia	electricity	final	2020	year	7.099217	GWa
Czechia	electricity	final	2030	year	7.875992	GWa
Czechia	electricity	final	2040	year	8.741761	GWa

year	value	unit
2010	10	y
2020	10	y
2030	10	y
2040	10	y

time	value	unit
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year

1 %

node_loc	technology	year_vtg	year_act	mode	emission	value	unit
Czechia	coal_ppl	2010	2010	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2010	2020	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2010	2030	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2010	2040	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2020	2020	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2020	2030	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2020	2040	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2030	2030	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2030	2040	standard	CO2	7.48104	tCO2/kWa
Czechia	coal_ppl	2040	2040	standard	CO2	7.48104	tCO2/kWa
Czechia	gas_ppl	2010	2010	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2010	2020	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2010	2030	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2010	2040	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2020	2020	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2020	2030	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2020	2040	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2030	2030	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2030	2040	standard	CO2	2.96964	tCO2/kWa
Czechia	gas_ppl	2040	2040	standard	CO2	2.96964	tCO2/kWa



node_loc	technology	year_vtg	year_act	value	unit
Czechia	coal_ppl	2010	2010	45.6	USD/kWa
Czechia	coal_ppl	2010	2020	45.6	USD/kWa
Czechia	coal_ppl	2010	2030	45.6	USD/kWa
Czechia	coal_ppl	2010	2040	45.6	USD/kWa
Czechia	coal_ppl	2020	2020	45.6	USD/kWa
Czechia	coal_ppl	2020	2030	45.6	USD/kWa
Czechia	coal_ppl	2020	2040	45.6	USD/kWa
Czechia	coal_ppl	2030	2030	45.6	USD/kWa
Czechia	coal_ppl	2030	2040	45.6	USD/kWa
Czechia	coal_ppl	2040	2040	45.6	USD/kWa
Czechia	gas_ppl	2010	2010	18.4	USD/kWa
Czechia	gas_ppl	2010	2020	18.4	USD/kWa
Czechia	gas_ppl	2010	2030	18.4	USD/kWa
Czechia	gas_ppl	2010	2040	18.4	USD/kWa
Czechia	gas_ppl	2020	2020	18.4	USD/kWa
Czechia	gas_ppl	2020	2030	18.4	USD/kWa
Czechia	gas_ppl	2020	2040	18.4	USD/kWa
Czechia	gas_ppl	2030	2030	18.4	USD/kWa
Czechia	gas_ppl	2030	2040	18.4	USD/kWa
Czechia	gas_ppl	2040	2040	18.4	USD/kWa
Czechia	hydro_ppl	2010	2010	136	USD/kWa
Czechia	hydro_ppl	2010	2020	136	USD/kWa
Czechia	hydro_ppl	2010	2030	136	USD/kWa
Czechia	hydro_ppl	2010	2040	136	USD/kWa
Czechia	hydro_ppl	2020	2020	136	USD/kWa
Czechia	hydro_ppl	2020	2030	136	USD/kWa
Czechia	hydro_ppl	2020	2040	136	USD/kWa
Czechia	hydro_ppl	2030	2030	136	USD/kWa
Czechia	hydro_ppl	2030	2040	136	USD/kWa
Czechia	hydro_ppl	2040	2040	136	USD/kWa
Czechia	bio_ppl	2010	2010	70	USD/kWa
Czechia	bio_ppl	2010	2020	70	USD/kWa
Czechia	bio_ppl	2010	2030	70	USD/kWa
Czechia	bio_ppl	2010	2040	70	USD/kWa
Czechia	bio_ppl	2020	2020	70	USD/kWa
Czechia	bio_ppl	2020	2030	70	USD/kWa
Czechia	bio_ppl	2020	2040	70	USD/kWa
Czechia	bio_ppl	2030	2030	70	USD/kWa
Czechia	bio_ppl	2030	2040	70	USD/kWa
Czechia	bio_ppl	2040	2040	70	USD/kWa
Czechia	wind_ppl	2010	2010	50	USD/kWa
Czechia	wind_ppl	2010	2020	50	USD/kWa
Czechia	wind_ppl	2010	2030	50	USD/kWa
Czechia	wind_ppl	2010	2040	50	USD/kWa
Czechia	wind_ppl	2020	2020	50	USD/kWa
Czechia	wind_ppl	2020	2030	50	USD/kWa
Czechia	wind_ppl	2020	2040	50	USD/kWa
Czechia	wind_ppl	2030	2030	50	USD/kWa
Czechia	wind_ppl	2030	2040	50	USD/kWa
Czechia	wind_ppl	2040	2040	50	USD/kWa

Czechia	nuc_lc	2010	2010	41.7 USD/kWa
Czechia	nuc_lc	2010	2020	41.7 USD/kWa
Czechia	nuc_lc	2010	2030	41.7 USD/kWa
Czechia	nuc_lc	2010	2040	41.7 USD/kWa
Czechia	nuc_lc	2020	2020	41.7 USD/kWa
Czechia	nuc_lc	2020	2030	41.7 USD/kWa
Czechia	nuc_lc	2020	2040	41.7 USD/kWa
Czechia	nuc_lc	2030	2030	41.7 USD/kWa
Czechia	nuc_lc	2030	2040	41.7 USD/kWa
Czechia	nuc_lc	2040	2040	41.7 USD/kWa
Czechia	solar_pv_p	2010	2010	29.63 USD/kWa
Czechia	solar_pv_p	2010	2020	29.63 USD/kWa
Czechia	solar_pv_p	2010	2030	29.63 USD/kWa
Czechia	solar_pv_p	2010	2040	29.63 USD/kWa
Czechia	solar_pv_p	2020	2020	29.63 USD/kWa
Czechia	solar_pv_p	2020	2030	29.63 USD/kWa
Czechia	solar_pv_p	2020	2040	29.63 USD/kWa
Czechia	solar_pv_p	2030	2030	29.63 USD/kWa
Czechia	solar_pv_p	2030	2040	29.63 USD/kWa
Czechia	solar_pv_p	2040	2040	29.63 USD/kWa

<b>node_loc</b>	<b>technology</b>	<b>year_act</b>	<b>time</b>	<b>value</b>	<b>unit</b>
Czechia	coal_ppl	2020	year	0.05	%
Czechia	coal_ppl	2030	year	0.05	%
Czechia	coal_ppl	2040	year	0.05	%
Czechia	gas_ppl	2020	year	0.05	%
Czechia	gas_ppl	2030	year	0.05	%
Czechia	gas_ppl	2040	year	0.05	%
Czechia	bio_ppl	2020	year	0.05	%
Czechia	bio_ppl	2030	year	0.05	%
Czechia	bio_ppl	2040	year	0.05	%
Czechia	hydro_ppl	2020	year	0.05	%
Czechia	hydro_ppl	2030	year	0.05	%
Czechia	hydro_ppl	2040	year	0.05	%
Czechia	wind_ppl	2020	year	0.05	%
Czechia	wind_ppl	2030	year	0.05	%
Czechia	wind_ppl	2040	year	0.05	%
Czechia	solar_pv_p	2020	year	0.05	%
Czechia	solar_pv_p	2030	year	0.05	%
Czechia	solar_pv_p	2040	year	0.05	%
Czechia	nuc_lc	2020	year	0.05	%
Czechia	nuc_lc	2030	year	0.05	%
Czechia	nuc_lc	2040	year	0.05	%

<b>node_loc</b>	<b>technology</b>	<b>year_vtg</b>	<b>year_act</b>	<b>mode</b>	<b>node_origin</b>	<b>commodity</b>	<b>level</b>	<b>time</b>
Czechia	electricity_2010	2010	2010	standard	Czechia	electricity	secondary	year
Czechia	electricity_2010	2010	2020	standard	Czechia	electricity	secondary	year
Czechia	electricity_2010	2010	2030	standard	Czechia	electricity	secondary	year
Czechia	electricity_2010	2010	2040	standard	Czechia	electricity	secondary	year
Czechia	electricity_2020	2020	2020	standard	Czechia	electricity	secondary	year
Czechia	electricity_2020	2020	2030	standard	Czechia	electricity	secondary	year
Czechia	electricity_2020	2020	2040	standard	Czechia	electricity	secondary	year
Czechia	electricity_2030	2030	2030	standard	Czechia	electricity	secondary	year
Czechia	electricity_2030	2030	2040	standard	Czechia	electricity	secondary	year
Czechia	electricity_2040	2040	2040	standard	Czechia	electricity	secondary	year



year	value	unit
2010	0.05	-
2020	0.05	-
2030	0.05	-
2040	0.05	-

node_loc	technology	year_vtg	value	unit
Czechia	coal_ppl	2010	2107	USD/kW
Czechia	coal_ppl	2020	2107	USD/kW
Czechia	coal_ppl	2030	2107	USD/kW
Czechia	coal_ppl	2040	2107	USD/kW
Czechia	gas_ppl	2010	1000	USD/kW
Czechia	gas_ppl	2020	1000	USD/kW
Czechia	gas_ppl	2030	1000	USD/kW
Czechia	gas_ppl	2040	1000	USD/kW
Czechia	hydro_ppl	2010	7242	USD/kW
Czechia	hydro_ppl	2020	7242	USD/kW
Czechia	hydro_ppl	2030	7242	USD/kW
Czechia	hydro_ppl	2040	7242	USD/kW
Czechia	bio_ppl	2010	2290	USD/kW
Czechia	bio_ppl	2020	2290	USD/kW
Czechia	bio_ppl	2030	2290	USD/kW
Czechia	bio_ppl	2040	2290	USD/kW
Czechia	wind_ppl	2010	1650	USD/kW
Czechia	wind_ppl	2020	1650	USD/kW
Czechia	wind_ppl	2030	1650	USD/kW
Czechia	wind_ppl	2040	1650	USD/kW
Czechia	solar_pv_p	2010	3535	USD/kW
Czechia	solar_pv_p	2020	3535	USD/kW
Czechia	solar_pv_p	2030	3535	USD/kW
Czechia	solar_pv_p	2040	3535	USD/kW
Czechia	nuc_lc	2010	2458	USD/kW
Czechia	nuc_lc	2020	2458	USD/kW
Czechia	nuc_lc	2030	2458	USD/kW
Czechia	nuc_lc	2040	2458	USD/kW





Czechia	wind_ppl	2010	2010	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2010	2020	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2010	2030	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2010	2040	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2020	2020	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2020	2030	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2020	2040	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2030	2030	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2030	2040	standard	Czechia	electricity	secondary	year
Czechia	wind_ppl	2040	2040	standard	Czechia	electricity	secondary	year
Czechia	solar_pv_p	2010	2010	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2010	2020	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2010	2030	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2010	2040	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2020	2020	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2020	2030	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2020	2040	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2030	2030	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2030	2040	standard	Czechia	electricity	final	year
Czechia	solar_pv_p	2040	2040	standard	Czechia	electricity	final	year
Czechia	nuc_lc	2010	2010	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2010	2020	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2010	2030	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2010	2040	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2020	2020	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2020	2030	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2020	2040	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2030	2030	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2030	2040	standard	Czechia	electricity	secondary	year
Czechia	nuc_lc	2040	2040	standard	Czechia	electricity	secondary	year





node_loc	technology	year_vtg	value	unit
Czechia	coal_ppl	2010	30	y
Czechia	coal_ppl	2020	30	y
Czechia	coal_ppl	2030	30	y
Czechia	coal_ppl	2040	30	y
Czechia	gas_ppl	2010	25	y
Czechia	gas_ppl	2020	25	y
Czechia	gas_ppl	2030	25	y
Czechia	gas_ppl	2040	25	y
Czechia	bio_ppl	2010	30	y
Czechia	bio_ppl	2020	30	y
Czechia	bio_ppl	2030	30	y
Czechia	bio_ppl	2040	30	y
Czechia	hydro_ppl	2010	50	y
Czechia	hydro_ppl	2020	50	y
Czechia	hydro_ppl	2030	50	y
Czechia	hydro_ppl	2040	50	y
Czechia	wind_ppl	2010	20	y
Czechia	wind_ppl	2020	20	y
Czechia	wind_ppl	2030	20	y
Czechia	wind_ppl	2040	20	y
Czechia	solar_pv_p	2010	25	y
Czechia	solar_pv_p	2020	25	y
Czechia	solar_pv_p	2030	25	y
Czechia	solar_pv_p	2040	25	y
Czechia	nuc_lc	2010	40	y
Czechia	nuc_lc	2020	40	y
Czechia	nuc_lc	2030	40	y
Czechia	nuc_lc	2040	40	y

node_loc	technology	year_vtg	year_act	mode	time	value	unit
Czechia	electricity_2010		2010	standard	year	418.728	USD/kWa
Czechia	electricity_2010		2020	standard	year	418.728	USD/kWa
Czechia	electricity_2010		2030	standard	year	418.728	USD/kWa
Czechia	electricity_2010		2040	standard	year	418.728	USD/kWa
Czechia	electricity_2020		2020	standard	year	418.728	USD/kWa
Czechia	electricity_2020		2030	standard	year	418.728	USD/kWa
Czechia	electricity_2020		2040	standard	year	418.728	USD/kWa
Czechia	electricity_2030		2030	standard	year	418.728	USD/kWa
Czechia	electricity_2030		2040	standard	year	418.728	USD/kWa
Czechia	electricity_2040		2040	standard	year	418.728	USD/kWa

item	ix_type
addon	set
balance_ec	set
cat_addon	set
cat_emissio	set
cat_node	set
cat_relatio	set
cat_tec	set
cat_year	set
commodity	set
emission	set
grade	set
is_capacity	set
land_scena	set
land_type	set
level	set
level_rene	set
level_resol	set
level_stock	set
level_stora	set
lvl_spatial	set
lvl_tempor	set
map_node	set
map_share	set
map_share	set
map_spatia	set
map_tec_a	set
map_tec_s	set
map_temp	set
map_time	set
mode	set
node	set
rating	set
relation	set
shares	set
storage_te	set
technology	set
time	set
time_relati	set
type_addoi	set
type_emiss	set
type_node	set
type_relati	set
type_tec	set
type_tec_l	set
type_year	set
year	set
bound_acti	par
bound_acti	par
bound_nev	par
capacity_fa	par

demand par  
duration\_p par  
duration\_ti par  
emission\_fi par  
fix\_cost par  
growth\_act par  
input par  
interestrati par  
inv\_cost par  
output par  
technical\_li par  
var\_cost par

technology



commodity	level
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type_addon	technology_addon
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type_node	node
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ype_relatio	relation
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type_tec	technology
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grade

ind\_scenario

land\_type



level

level

level

level\_storage

shares	node_share	node	type_tec	mode	commodity	level
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shares	node_share	node	type_tec	mode	commodity	level
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technologytype\_addon

node	technology	mode	storage_te	storage_mod	level	commodity	l_temporal
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relation

shares

storage\_tec

ime\_relative

type\_addon

type\_relation

type\_tec