

| | |
|---------------|----------|
| type_emission | emission |
|---------------|----------|

GHGs

CO2

| type_year | year |
|-----------|------|
|-----------|------|

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

lvi_spatial

World

global

country

vl_temporal

year

| node_parent | node |
|--------------------|-------------|
| World | World |
| World | Czechia |
| Czechia | Czechia |

| lvl_spatial | node | node_parent |
|--------------------|-------------|--------------------|
| country | Czechia | World |

| vl_tempora | time | time_parent |
|-------------------|-------------|--------------------|
| year | year | year |

| | |
|------------|------|
| time_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

type_emission

GHGs

type_node

economy

type_tec

all

type_year

firstmodelyear

lastmodelyear

initializyear_macro

cumulative

2010

2020

2030

2040

| |
|-------------|
| year |
|-------------|

2010

2020

2030

2040

| node_loc | technology | year_act | mode | time | value | unit |
|-----------------|-------------------|-----------------|-------------|-------------|--------------|-------------|
| 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_act | mode | time | value | unit |
|-----------------|-------------------|-----------------|-------------|-------------|--------------|-------------|
| 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 - |

| node | commodity | level | year | time | value | unit |
|-------------|------------------|--------------|-------------|-------------|--------------|-------------|
| 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 |
|------|-------|------|
|------|-------|------|

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 |

| node_loc | technology | year_act | time | value | unit |
|----------|------------|----------|------|-------|------|
| 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 | % |

| node_loc | technology | year_vtg | year_act | mode | node_origin | commodity | level | time |
|-----------------|-------------------|-----------------|-----------------|-------------|--------------------|------------------|--------------|-------------|
| 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 | 2010 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2010 | 2010 | 2020 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2010 | 2010 | 2030 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2010 | 2010 | 2040 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2020 | 2020 | 2020 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2020 | 2020 | 2030 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2020 | 2020 | 2040 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2030 | 2030 | 2030 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2030 | 2030 | 2040 | standard | year | 418.728 | USD/kWa |
| Czechia | electricity_2040 | 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_f par
fix_cost par
growth_act par
input par
interestrati par
inv_cost par
output par
technical_l par
var_cost par

technology

| | |
|-----------|-------|
| commodity | level |
|-----------|-------|

| | |
|------------|------------------|
| type_addon | technology_addon |
|------------|------------------|

| | |
|-----------|------|
| type_node | node |
|-----------|------|

| | |
|--------------|----------|
| type_relatio | relation |
|--------------|----------|

| | |
|----------|------------|
| type_tec | technology |
|----------|------------|

grade

ind_scenario

land_type

level

level

level

level_storage

| | | | | | | |
|--------|------------|------|----------|------|-----------|-------|
| shares | node_share | node | type_tec | mode | commodity | level |
|--------|------------|------|----------|------|-----------|-------|

| | | | | | | |
|--------|------------|------|----------|------|-----------|-------|
| shares | node_share | node | type_tec | mode | commodity | level |
|--------|------------|------|----------|------|-----------|-------|

| | |
|------------|------------|
| technology | type_addon |
|------------|------------|

| | | | | | | | |
|------|------------|------|------------|-------------|-------|-----------|------------|
| node | technology | mode | storage_te | storage_mod | level | commodity | l_temporal |
|------|------------|------|------------|-------------|-------|-----------|------------|

relation

shares

storage_tec

ime_relative

type_addon

type_relation

type_tec