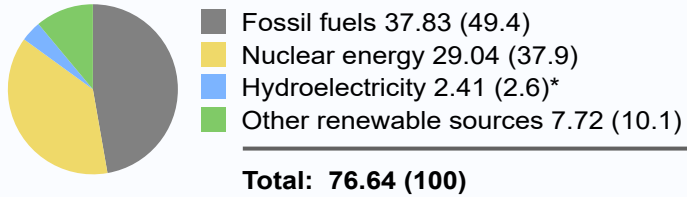


# Czech Republic • Electricity

## Gross electricity generation 2021, TWh (%):



Source: Based on the U.S. Energy Information Administration data (Sep 2023)

\* including pumped storage

## Hydro power plants over 100 MW, MW:

- 1 Orlik, 364
- 2 Slapy, 144
- 3 Lipno 1-2, 121

## Pumped-storage plants over 100 MW, MW:

- 1 Dlouhé Stráně, 650
- 2 Dalešice, 475

## Nuclear power plants, MW:

- 1 Temelín, 2160
- 2 Dukovany, 2020

## Key coal power plants over 100 MW, MW:

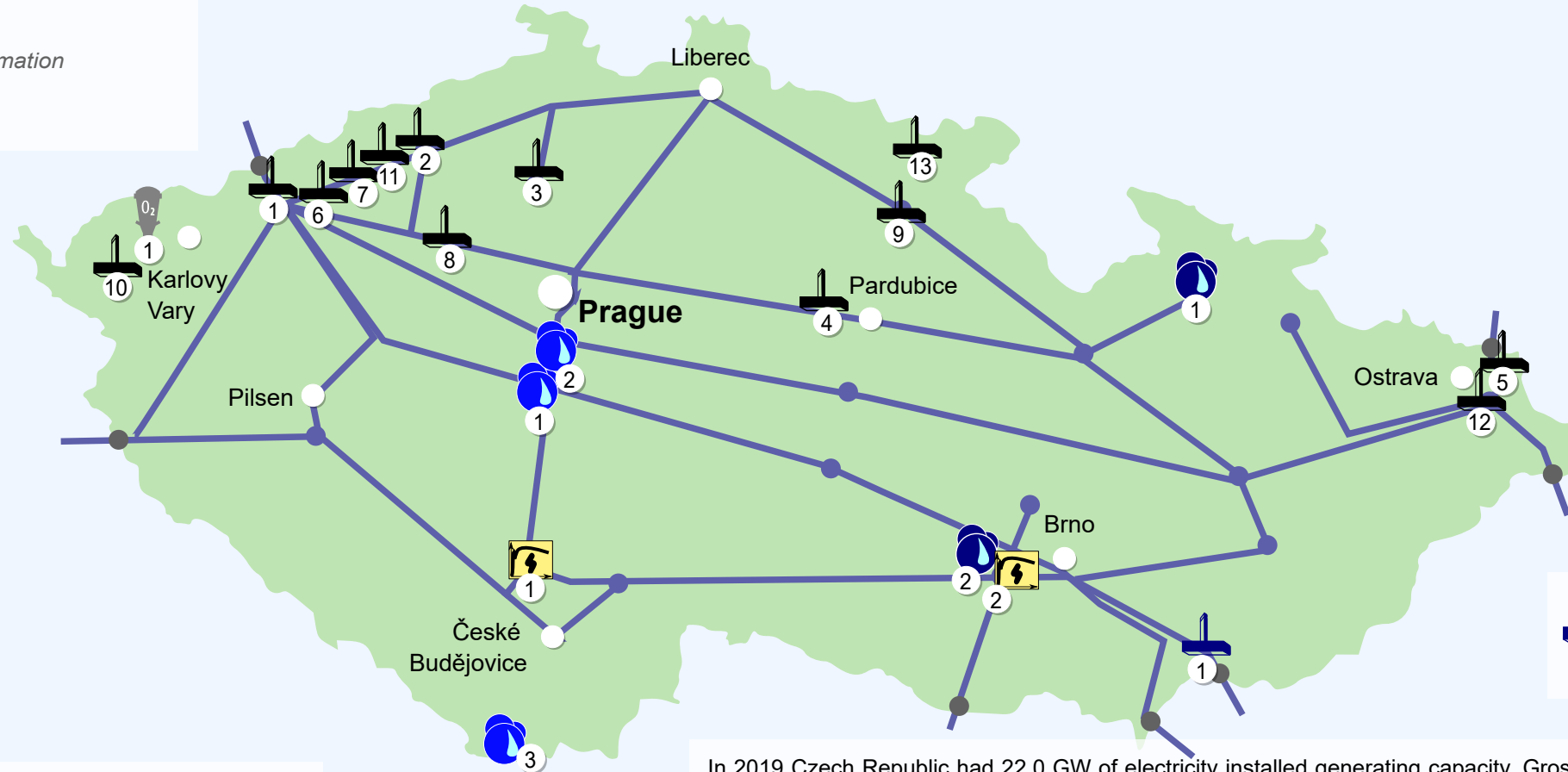
- 1 Prunéřov I-II, 1190
- 2 Počerady, 1000
- 3 Melník I, III, 852
- 4 Chvaletice, 820
- 5 Detmarovice, 800
- 6 Tušimice-2, 800
- 7 Ledvice, 770
- 8 Kladno, 404
- 9 Opatovice, 363
- 10 Tisova, 296
- 11 Komorany, 239
- 12 Ostrava-Třebovice, 177
- 13 Poričí-2, 110

## Coal gasification plant, MWe:

- 1 Vřesová IGCC, 400

## Combined power plants over 100 MW, MW:

- 1 Hodonín, 105



In 2019 Czech Republic had 22.0 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to Czech Republic, is 13.1 TWh/year. In 2016 Czech Republic registered more than 1000 small-scale hydropower plants up to 10 MW with a total installed capacity of 337.0 MW, generating roughly 1053.0 GWh per year.

Sources: EU Commission Energy Statistics of the EU-27 Countries (2019); World Small Hydropower Development Report 2019; Used by permission of the World Energy Council (2013).

- 400 kV lines in service
- National grid 400 kV of other power plants, grid connection points, substations
- Border crossing

