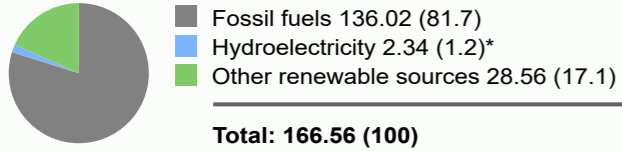


Poland • Electricity

Gross electricity generation 2021, TWh (%):



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

* including pumped storage

Coal power plants over 1000 MW, MW:

- 1 Bełchatów, 5472
- 2 Kozienice, 3915
- 3 Polaniec, 1800
- 4 Rybnik, 1775
- 5 Patnow, 1664
- 6 Jaworzno-3, 1535
- 7 Turow, 1499
- 8 Opole, 1492
- 9 Dolna Odra, 1362
- 10 Laziska, 1155

Key gas power plants over 100 MW, MW:

- 1 Żerań CHP, 490*
- 2 Lublin-Wrotków, 235
- 3 Zielona Gora, 198
- 4 Gorzów, 138
- 5 Nowa Sarzyna, 116
- 6 Rzeszów, 101

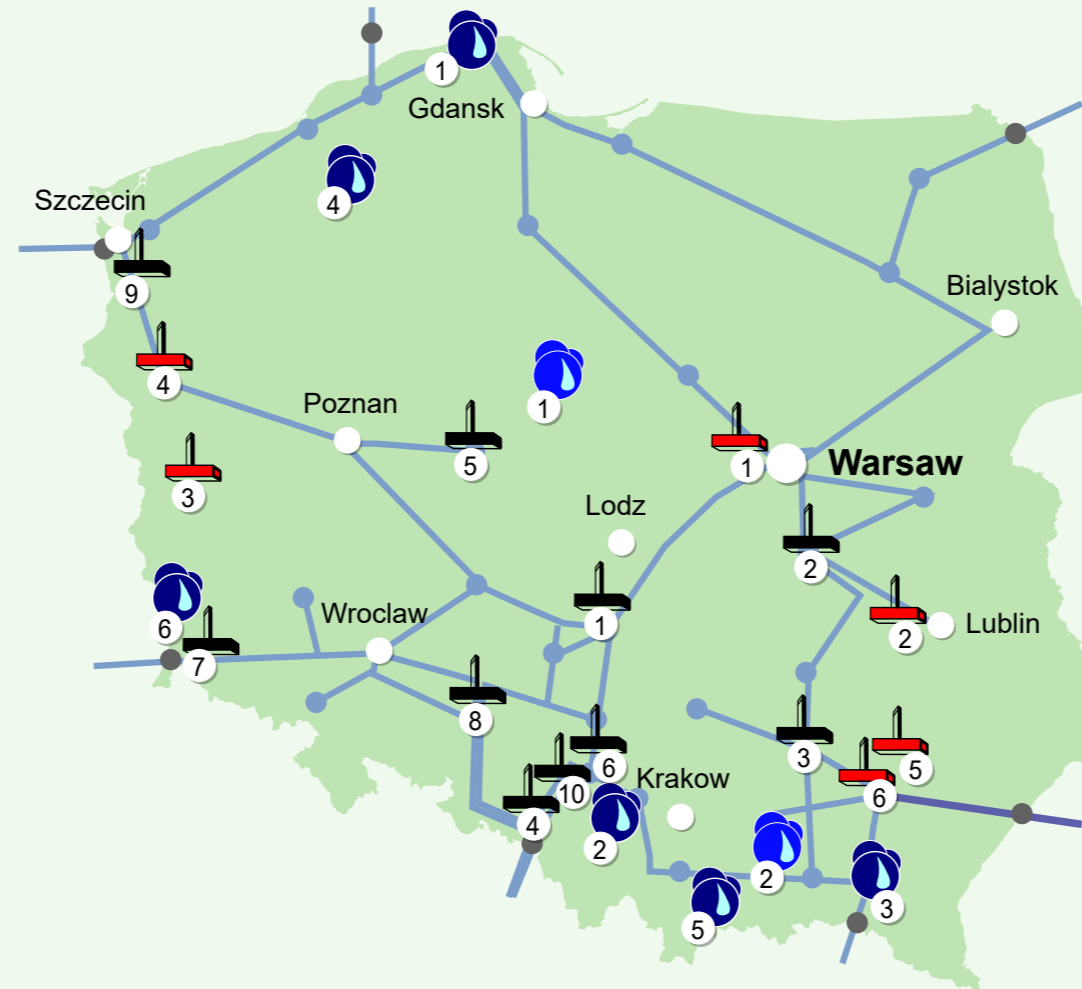
* under construction

Key hydro power plants over 50 MW, MW:

- 1 Włocławek, 160
- 2 Roznow, 56

Key pumped-storage plants over 50 MW, MW:

- 1 Żarnowiec, 716
- 2 Porabka-Zar, 500
- 3 Solina, 200
- 4 Żydowo, 156
- 5 Niedzica, 93
- 6 Dychow, 88



- 750 kV lines in service
- 400 kV lines in service
- National grid 750 kV of other power plants, grid connection points, substations
- National grid 400 kV of other power plants, grid connection points, substations
- Border crossing

In 2019 Poland had 43.44 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to Poland, is 23.0 TWh/year. As of 2017, Poland registered about 756 small-scale hydropower plants up to 10 MW with a total installed capacity of 294.8 MW, generating roughly 908 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).

