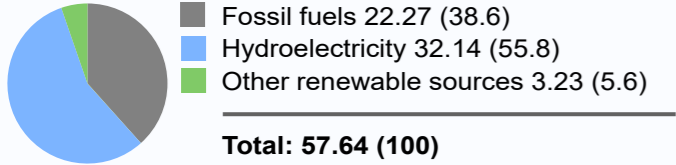


Peru • Electricity

Gross electricity generation 2022, TWh (%):



Source: Based on the U.S. Energy Information Administration data (Mar 2024).

Hydro power plants over 100 MW, MW:

- 1 Mantaro-Tablachaca Complex (Mayolo & Restitucion), 1008
- 2 Canon del Pato, 260
- 3 Huinco, 258
- 4 Chimay, 153
- 5 Charcani Complex (I-VI), 166
- 6 Yuncan, 130
- 7 Matucana, 120
- 8 San Gaban II, 110
- 9 Yaupi, 108
- 10 Machupicchu, 189

Coal power plants over 100 MW, MW:

- 1 Ilo-21, 150

Oil power plants over 100 MW, MW:

- 1 Ilo-1 & Ilo-31, 739
- 2 Mollendo, 107

Combined power plants over 100 MW, MW:

- 1 Puerto Bravo (Samay), 720
- 2 Malacas, 126

Gas power plants over 100 MW, MW:

- 1 Chilca Uno, 852
- 2 Chilca Kallpa, 870
- 3 Chilca Fenix Power, 570
- 4 Ventanilla, 498
- 5 Santa Rosa, 425
- 6 Santo Domingo de los Olleros, 200
- 7 Las Flores, 193
- 8 Aquaytia, 173



- 500 kV line in service
- 220 kV line in service
- National grid 500 kV of other power plants, grid connection points, substations
- National grid 220 kV of other power plants, grid connection points, substations
- Border crossing

In 2019 Peru had 15.2 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to Peru, is 260.0 GWh/year. As of October 2018, Peru registered some small-scale hydropower plants up to 20 MW with a total installed capacity of 362.9 MW.

Sources: U.S. Energy Information Administration (2020); World Small Hydropower Development Report 2019; Used by permission of the World Energy Council (2013).