

Sweden • Electricity

Gross electricity generation 2021, TWh (%):



- Fossil fuels 1.53 (0.9)
- Nuclear energy 50.99 (30.9)
- Hydroelectricity 71.07 (43.0)*
- Other renewable sources 41.68 (25.2)

Total: 165.27 (100)

Source: Based on the U.S. Energy Information Administration data (Dec 2022).

* including pumped storage



Hydro power plants over 300 MW, MW:

- 1 Harsprånget, 871
- 2 Stornorrfors, 599
- 3 Letsi, 486
- 4 Messaure, 463
- 5 Porjus, 430
- 6 Ligga, 332
- 7 Trängslet, 330
- 8 Vietas, 325
- 9 Ritsem, 304



Pumped-storage plants, MW:

- 1 Juktan, 335



Oil power plants over 100 MWe, MWe:

- 1 Karlshamn (Stärnö), 1005
- 2 Stenungsund, 850



Combined power plants over 100 MWe, MWe:

- 1 Aroskraft (Vasteras), 650
- 2 Värta, 389
- 3 Linköping, 103



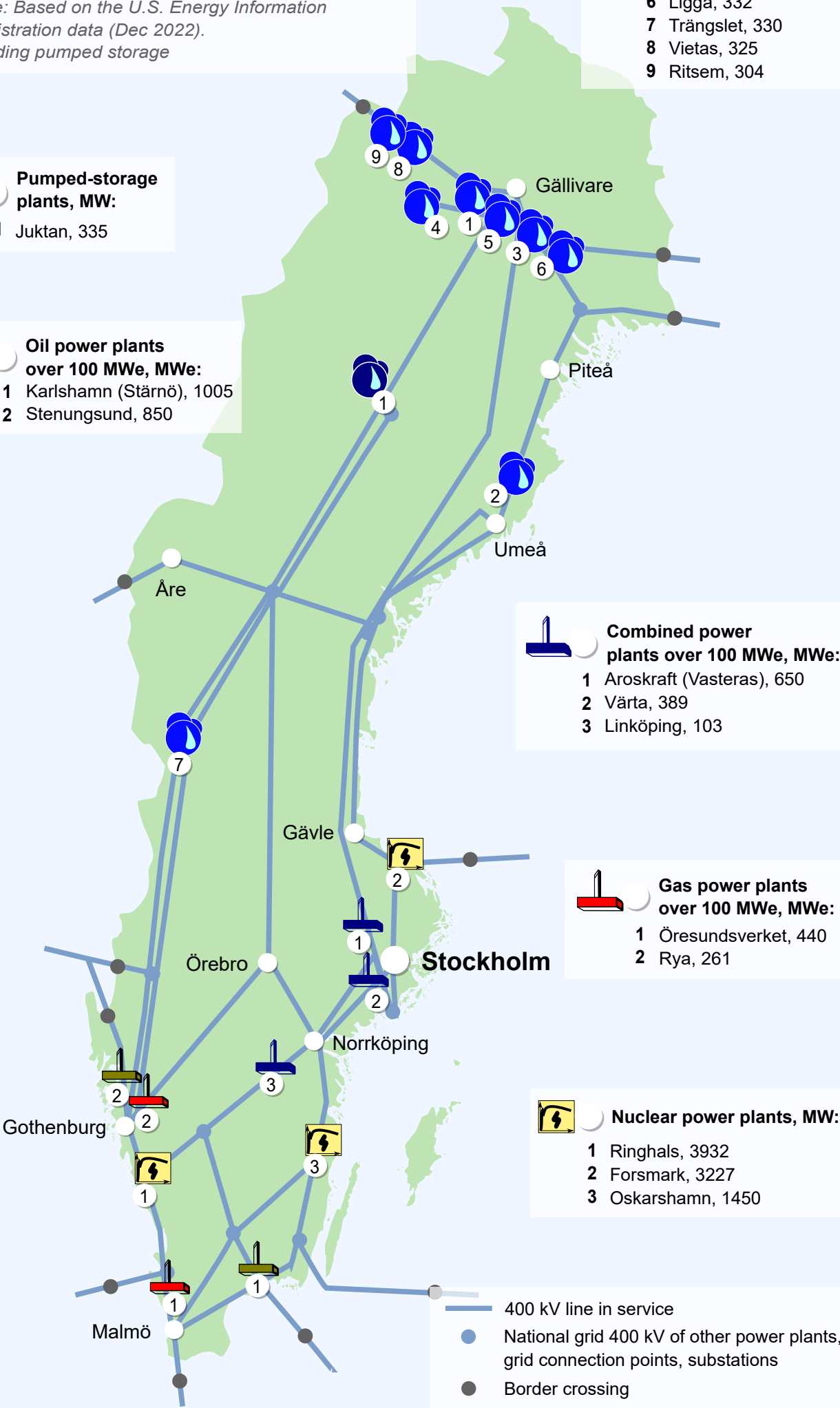
Gas power plants over 100 MWe, MWe:

- 1 Öresundsverket, 440
- 2 Rya, 261



Nuclear power plants, MW:

- 1 Ringhals, 3932
- 2 Forsmark, 3227
- 3 Oskarshamn, 1450



In 2019, Sweden had 42.8 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to Sweden, is 65.0 TWh/year. As of 2016, Sweden registered over 1800 small-scale hydropower plants up to 10 MW with a total installed capacity of 961 MW, generating roughly 2440.0 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).

