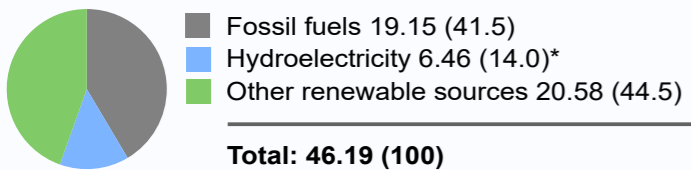


# Portugal • Electricity

## Gross electricity generation 2022, TWh (%):



Source: Based on the U.S. Energy Information Administration data (Mar 2024).  
\* including pumped storage

## Coal power plants over 100 MW, MW:

- 1 Sines, 1250
- 2 Pego Coal, 628

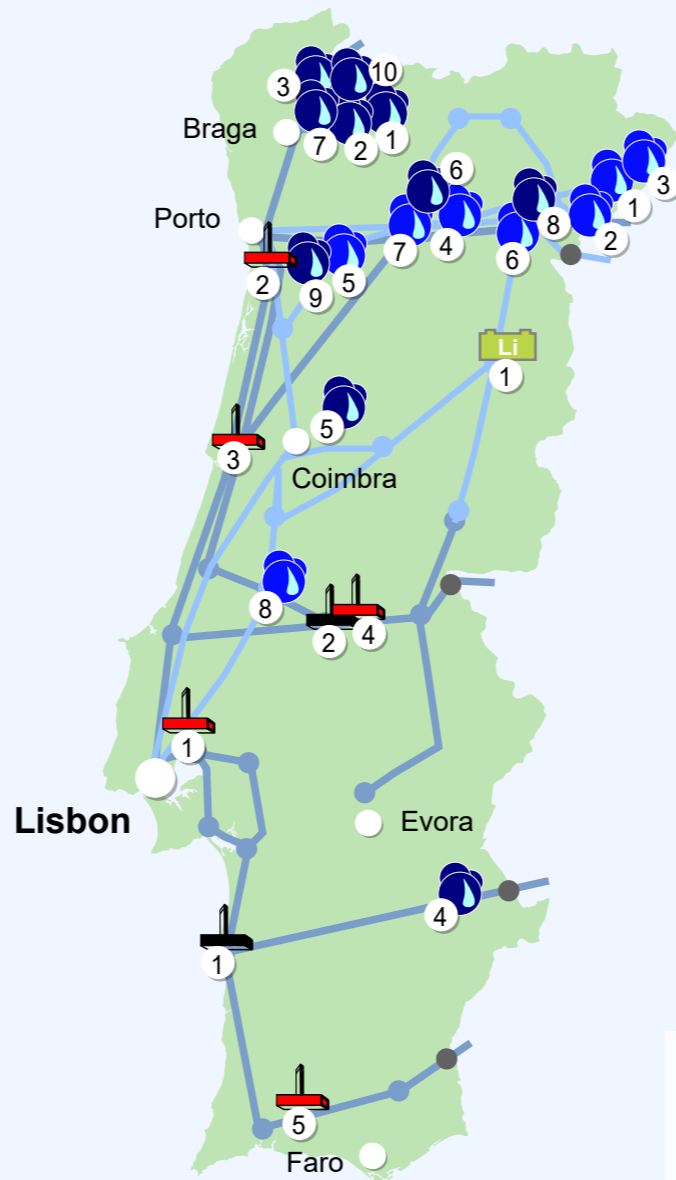
## Gas power plants over 100 MW, MW:

- 1 Ribatejo, 1176
- 2 Tapado do Outeiro, 990
- 3 Lares, 862
- 4 Pego Gas, 836
- 5 Tunes, 198

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

- 1 Vitória, 118

- 400 kV line in service
- 220 kV line in service
- National grid 400 kV of other power plants, grid connection points, substations
- National grid 220 kV of other power plants, grid connection points, substations
- Border crossing



## Hydro power plants over 150 MW, MW:

- 1 Picote, 441
- 2 Bemposta, 431
- 3 Miranda, 369
- 4 Valeira, 240
- 5 Carrapateiro, 201
- 6 Pocinho, 186
- 7 Régua, 180
- 8 Castelo do Bode, 159

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

- 1 Frades I-II, 974
- 2 Venda Nova II-III, 930
- 3 Alto Lindoso, 630
- 4 Alqueva 1-2, 520
- 5 Aguieira, 336
- 6 Foz Tua, 253
- 7 Salamonde II, 207
- 8 Baixo Sabor Montante/Jusante, 190
- 9 Torrão, 140
- 10 Vilarinho Furnas, 125

## Key lithium mines:

- 1 Alvarroes (Guarda), Grupo Mota (pegmatite)



In 2019 Portugal had 21.6 GW of electricity installed generating capacity. As of 2018, Portugal registered some small-scale hydropower plants up to 10 MW with a total installed capacity of 414.0 MW.

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