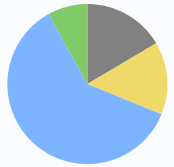


# Canada • Electricity • Thermal and Coal

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



■ Fossil fuels	111.14 (17.7)
■ Nuclear energy	87.36 (14.0)
■ Hydroelectricity	377.16 (60.3)
■ Other renewable sources	50.29 (8.0)

**Total: 625.85 (100)**

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



## Major coal export terminals:

- 1 Ridley, BC
- 2 Neptune, BC
- 3 Westshore, BC
- 4 Thunder Bay, ON
- 5 International Pier (Sydney), NS



## Major coal extraction fields by province and territory:

- 1 British Columbia (10 coal mines)
- 2 Alberta (9 coal mines)
- 3 Saskatchewan (3 coal mines)
- 4 Nova Scotia (2 coal mines)



## Major some lithium producing deposits:

- 1 Val-d'Or Quebec Lithium (pegmatite)

- 765/735 kV line in service
- 500 kV line in service
- National grid 765/735 kV other power plants, grid connection points, substations
- National grid 500 kV other power plants, grid connection points, substations
- Border crossing



## Combined power plants over 400 MW, MW:

- 1 Lennox, 2120
- 2 Tufts Cove, 500



## Oil power plants over 400 MW, MW:

- 1 Colesone Cove, 972
- 2 Holyrood, 466



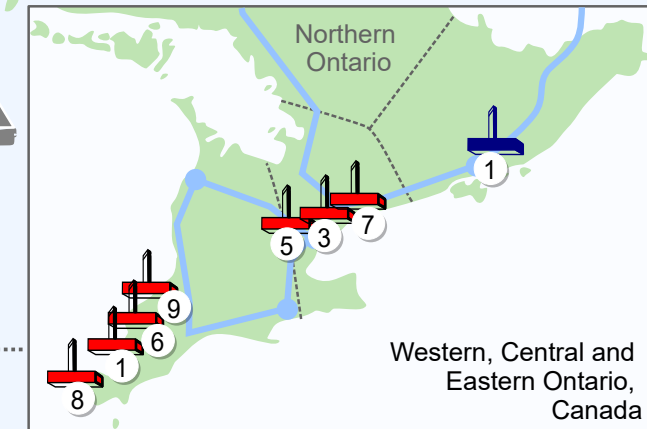
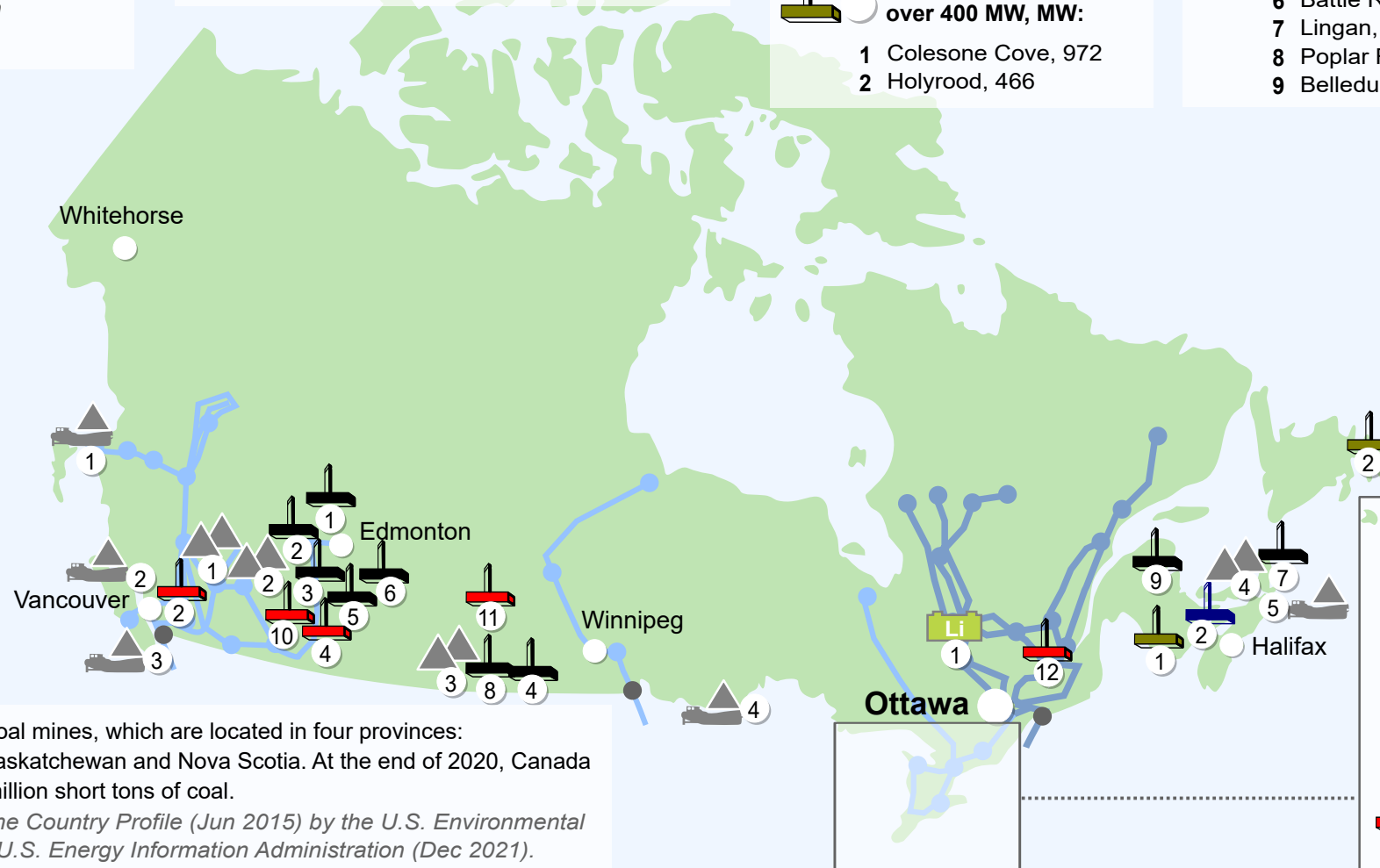
## Coal power plants over 400 MW, MW:

- 1 Sundance, 2141
- 2 Keephills, 1263
- 3 Genesee, 1212
- 4 Boundary Dam, 824
- 5 Sheernes, 780
- 6 Battle River, 689
- 7 Lingan, 620
- 8 Poplar River, 582
- 9 Belledune, 467



## Gas power plants over 400 MW, MW:

- 1 Greenfield Energy Centre, 1005
- 2 Burrad, 950
- 3 Goreway, 875
- 4 Shepard Energy Centre, 800
- 5 Halton Hills, 683
- 6 St. Clair Energy Centre, 577
- 7 Portlands Energy Centre, 550
- 8 Brighton Beach, 541
- 9 Sarnia, 506
- 10 Joffre, 480
- 11 Queen Elizabeth, 430
- 12 Becancour, 411



Canada has 24 producing coal mines, which are located in four provinces: British Columbia, Alberta, Saskatchewan and Nova Scotia. At the end of 2020, Canada was producing about 50.9 million short tons of coal.

Sources: Coal Mine Methane Country Profile (Jun 2015) by the U.S. Environmental Protection Agency CMOP; U.S. Energy Information Administration (Dec 2021).

