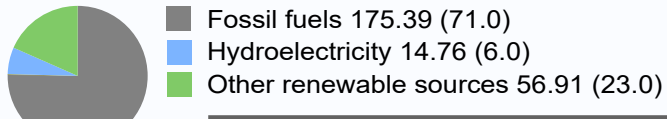


Australia • Electricity

Gross electricity generation 2021, TWh (%):



Total: 246.92 (100)

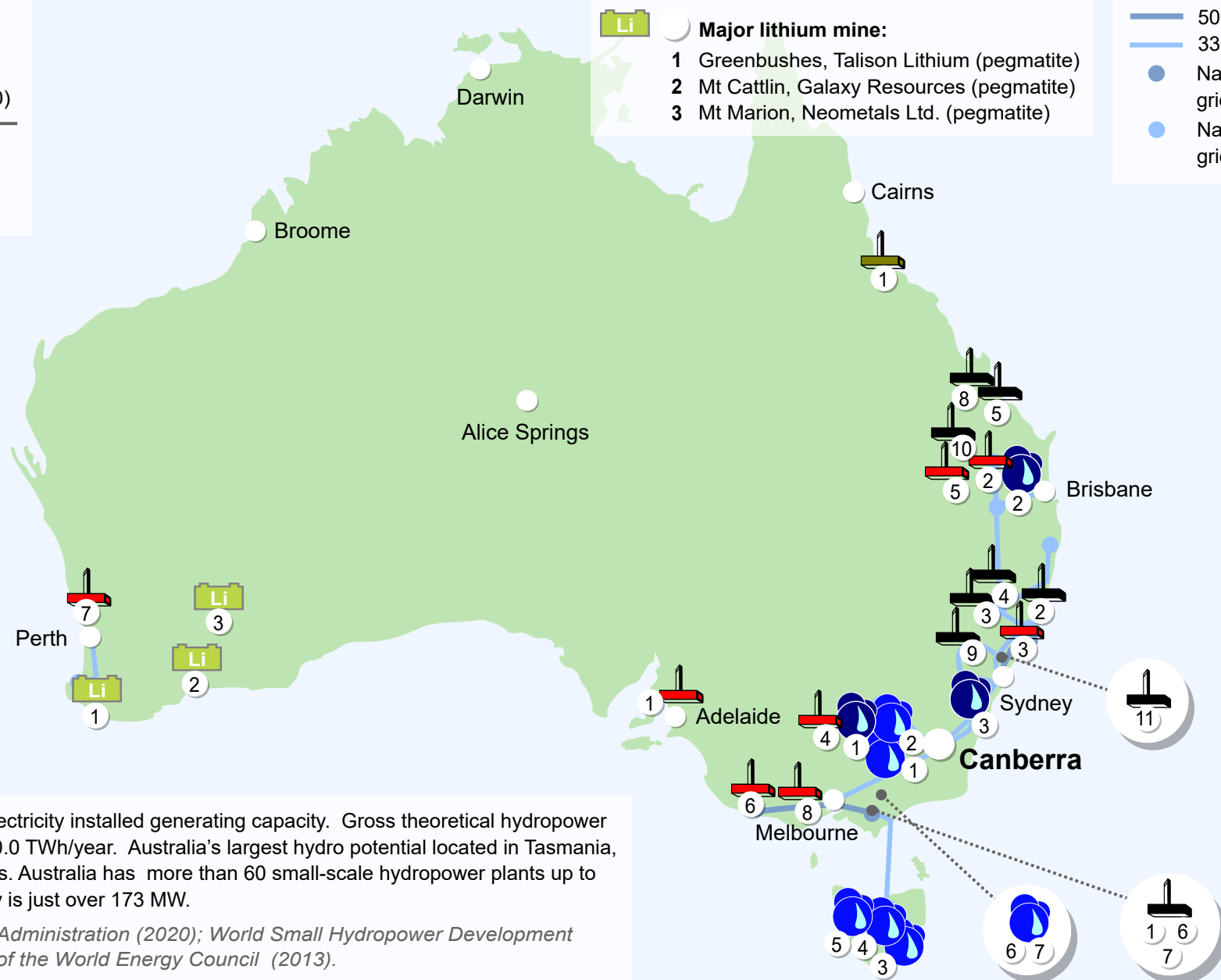
Source: Based on the U.S. Energy Information Administration data (Sep 2023).

Oil power plants over 100 MW, MW:

- 1 Mount Stuart, 288

Coal power plants over 1000 MW, MW:

- 1 Loy Yang A-B, 3100
- 2 Eraring, 2880
- 3 Bayswater, 2640
- 4 Liddell, 2000
- 5 Gladstone, 1680
- 6 Hazelwood, 1600
- 7 Yallourn W, 1480
- 8 Stanwell, 1460
- 9 Mount Piper, 1400
- 10 Tarong, 1400
- 11 Vales Point, 1320



Major lithium mine:

- 1 Greenbushes, Talison Lithium (pegmatite)
- 2 Mt Cattlin, Galaxy Resources (pegmatite)
- 3 Mt Marion, Neometals Ltd. (pegmatite)

- 500 kV line in service
- 330-400 kV line in service
- National grid 500 kV of other power plants, grid connection points, substations
- National grid 330-400 kV of other power plants, grid connection points, substations

Hydro power plants over 150 MW, MW:

- 1 Murray 1-2, 1500
- 2 Tumut 1-2, 616
- 3 Gordon, 432
- 4 Poatina, 300
- 5 Reece, 238
- 6 Dartmouth, 150
- 7 McKay Creek, 150

Pumped-storage plants over 150 MW, MW:

- 1 Tumut 3, 1500
- 2 Wivenhoe, 500
- 3 Kangaroo Valley, 160

Gas power plants over 500 MW, MW:

- 1 Torrens Island, 1280
- 2 Braemar 1-2, 900
- 3 Colongra, 668
- 4 Uranquinty, 640
- 5 Darling Downs, 630
- 6 Mortlake, 550
- 7 Pinjar, 550
- 8 Newport D, 500

In 2019 Australia had 75.5 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to Australia, is 150.0 TWh/year. Australia's largest hydro potential located in Tasmania, New South Wales and Victoria states. Australia has more than 60 small-scale hydropower plants up to 10 MW with a total installed capacity is just over 173 MW.

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

