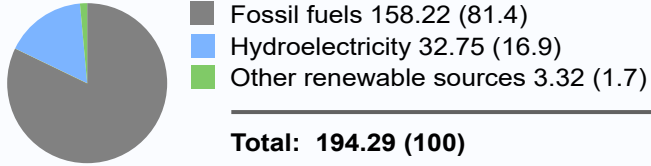


# Malaysia • Electricity

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



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

In 2019 Malaysia had 34.5 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to Malaysia, is 123.0 TWh/year. As of 2018, Malaysia registered some small-scale hydropower plants up to 10 MW with a total installed capacity of 39.5 MW.

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

- 500 kV line in service
- 275 kV line in service
- National grid 500 kV of other power plants, grid connection points, substations
- National grid 275 kV of other power plants, grid connection points, substations
- Border crossing

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

- 1 Manjung (Sultan Azlan Shah), 4180
- 2 Tanjung Bin, 3100
- 3 Jimah, 1400
- 4 Balingian, 600
- 5 Mukah, 270
- 6 Sejingkat, 210

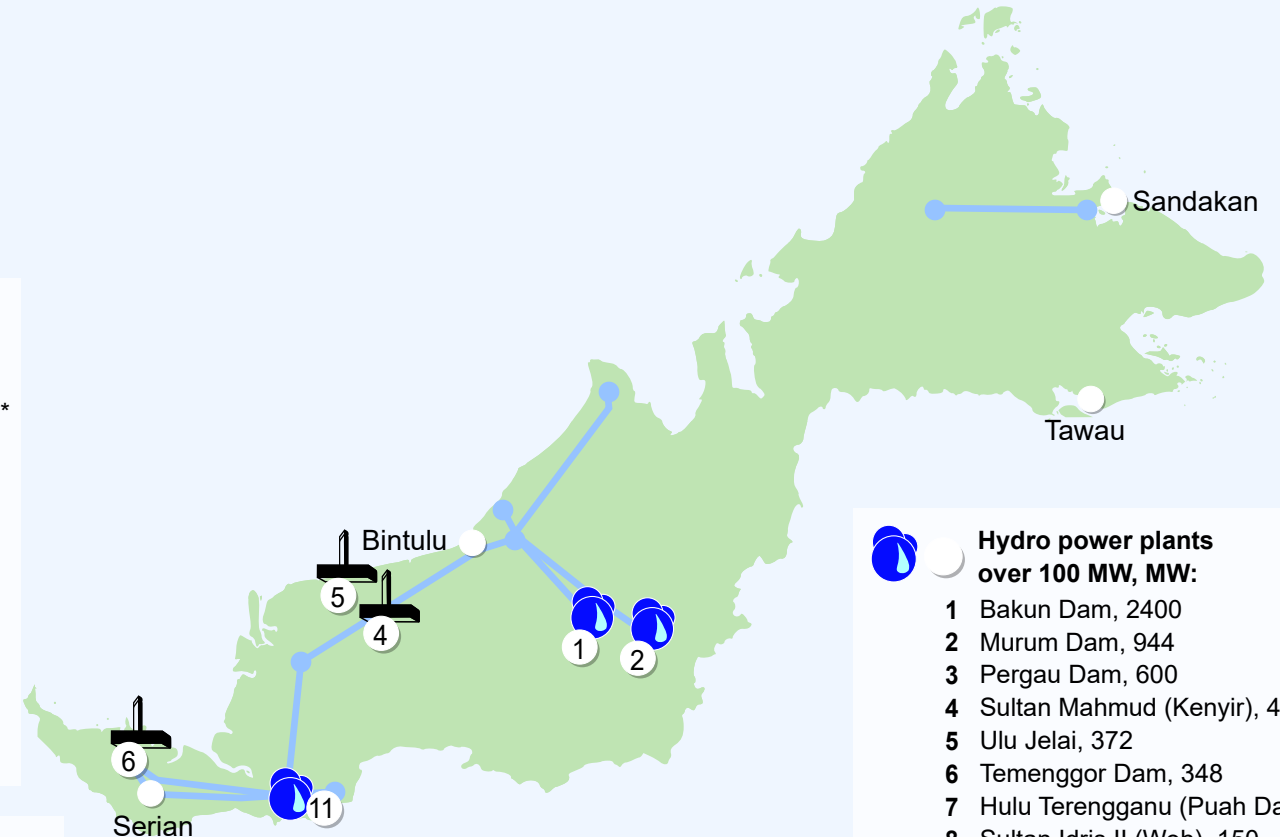
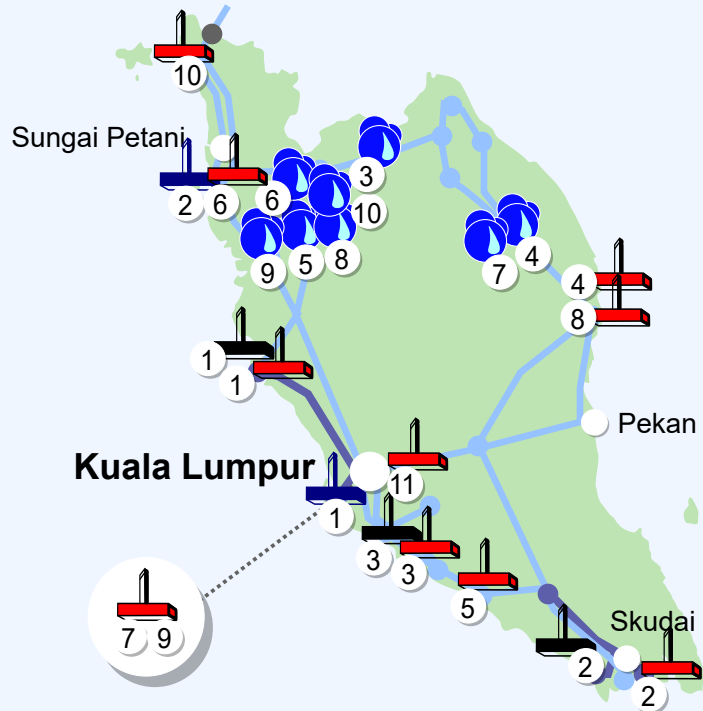
## Key natural gas power plants over 600 MW, MW:

- 1 Lumut, 1943
- 2 Sultan Iskandar (Pasir Gudang), SPG, 1440\*
- 3 Tuanku Jaafar, 1422
- 4 Sultan Ismail (Paka), 1400
- 5 Telok Gong, 1160
- 6 Prai, TNB, 1071
- 7 Connaught Bridge, 828
- 8 Paka, YTL, 808
- 9 Kuala Langat, 720
- 10 Perlis, 650
- 11 Putrajaya (Serdang), 625

\* under construction

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

- 1 Sultan Salahuddin Abdul Aziz (Kapar), 2420
- 2 Gelugor, 330



## Hydro power plants over 100 MW, MW:

- 1 Bakun Dam, 2400
- 2 Murum Dam, 944
- 3 Pergau Dam, 600
- 4 Sultan Mahmud (Kenyeri), 400
- 5 Ulu Jelai, 372
- 6 Temenggor Dam, 348
- 7 Hulu Terengganu (Puah Dam), 250
- 8 Sultan Idris II (Woh), 150
- 9 Sultan Azlan Shah (Kenering), 120
- 10 Sultan Yusof (Jor), 106
- 11 Batang Ai Dam, 100

