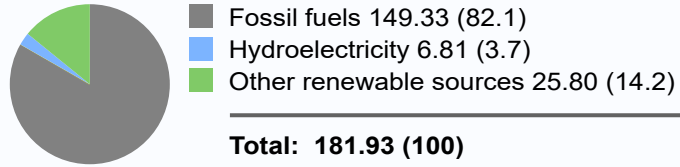


# Thailand • Electricity

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



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

## Key natural gas power plants over 300 MW, MW:

- 1 Wang Noi, 2660
- 2 South Bangkok, 1691
- 3 Nong Saeng, 1600
- 4 U-Thai, 1600
- 5 North Bangkok, 1552
- 6 Chana, 1476
- 7 Kaeng Khoi-2, 1468
- 8 Khanom, 930
- 9 Amata Nakorn 1-5, 732
- 10 Glow IPP (Bowin), 713
- 11 Nam Phong, 710
- 12 Map Ta Phut, Glow Energy, 686
- 13 Bangkadi 1-2, B.Grimm Power, 300

## Key combined power plants over 300 MW, MW:

- 1 Ratchaburi, 3645
- 2 Bang Pakong, 2490
- 3 Ratchaburi Extension, 1490
- 4 Tri Energy Ratchaburi, 720
- 5 Sriracha, 700
- 6 Glow SPP 2-3 (Map Ta Phut), 513
- 7 Tha Tum, 462
- 8 Bang Bo, 350
- 9 Krabi, 315

## Hydro power plants over 100 MW, MW:

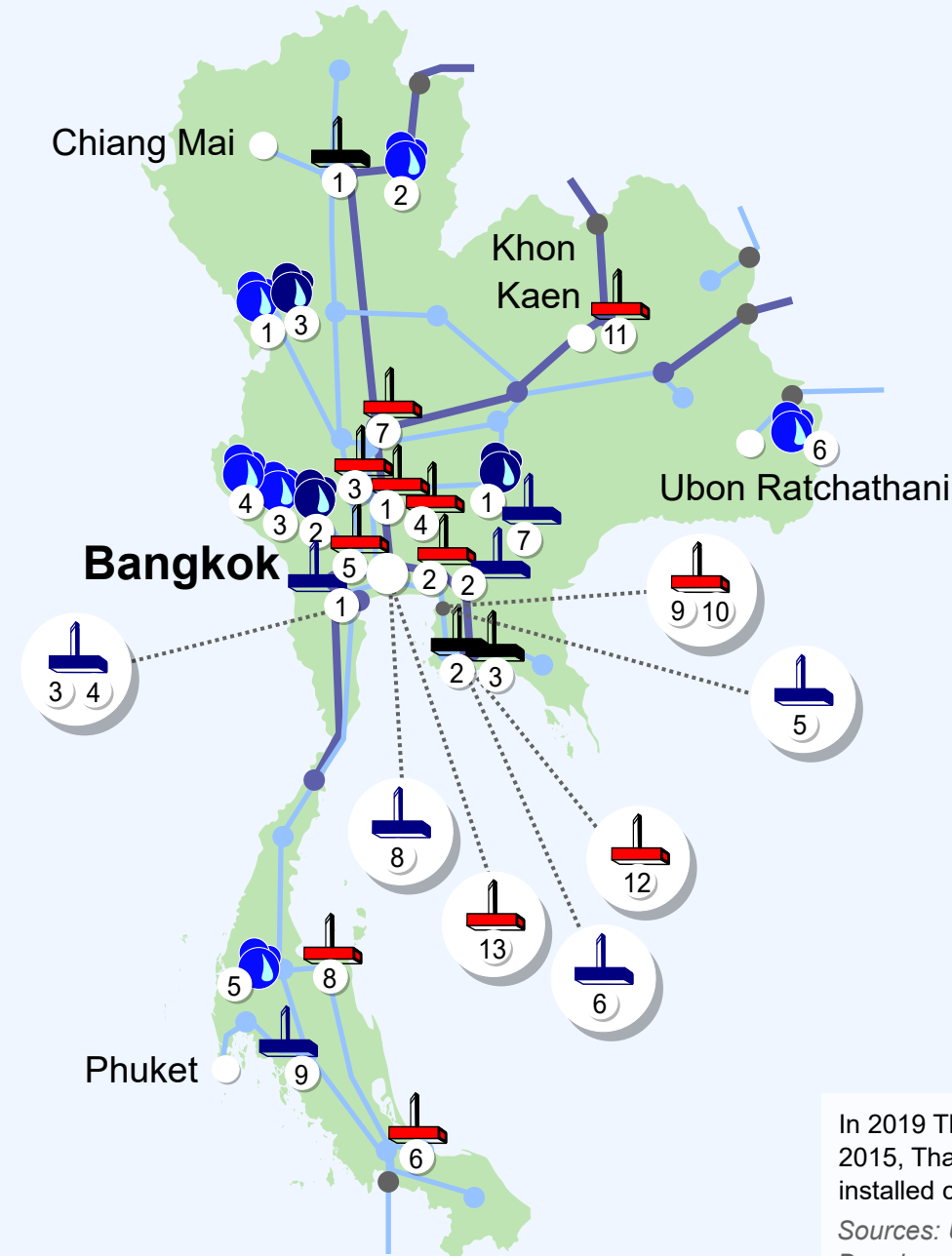
- 1 Bhumibol Dam (Yanhi), 608
- 2 Sirikit Dam, 500
- 3 Srinagarind Dam, 360
- 4 Vajiralongkorn Dam, 300
- 5 Rajjaprabha Dam, 240
- 6 Pak Mun Dam, 136

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

- 1 Lam Ta Khong, 1000
- 2 Srinagarind Dam, 360
- 3 Bhumibol Dam (Yanhi), 171

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

- 1 Mae Moh, 2400
- 2 Map Ta Phut, 1434
- 3 GHECO-One, 660



- 500 kV line in service
- 230 kV line in service
- National grid 500 kV of other power plants, grid connection points, substations
- National grid 230 kV of other power plants, grid connection points, substations
- Border crossing

In 2019 Thailand had 68.5 GW of electricity installed generating capacity. As of September 2015, Thailand registered some small-scale hydropower plants up to 6 MW with a total installed capacity of 172.0 MW.

Sources: U.S. Energy Information Administration (2020); World Small Hydropower Development Report 2019; Wikipedia.

