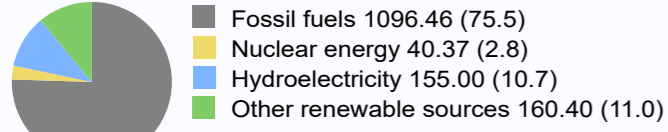


India • Electricity

Gross electricity generation 2020, TWh (%):



Total: 1452.23 (100)

Source: Based on the U.S. Energy Information Administration data (Dec 2021)

Coal power plants over 3000 MW, MW:

- 1 Vindhyachal, 4760
- 2 Mundra, Adani Power, 4620
- 3 Mundra Ultra Mega, Tata Power, 4000
- 4 Sasan Ultra Mega, 3960
- 5 Anpara A-B-C-D, 3830
- 6 Tamnar, Jindal Power, 3400
- 7 Chandrapur Super, 3340
- 8 Tiroda, 3300
- 9 Barh Super, 3300
- 10 Salaya, 3120
- 11 Rihand, 3000
- 12 Talcher Super (Kaniha), 3000

Gas power plants over 1000 MW, MW:

- 1 Samalkot, 2400
- 2 Dabhol, 1967
- 3 Pragati I / III, 1830
- 4 Lanco Kondapalli, 1466
- 5 DGEN Mega (Dahej), 1200
- 6 SUGEN Mega, 1147

Nuclear power plants, MW:

- 1 Kudankulam, 2000
- 2 Tarapur, 1400
- 3 Rajasthan, 1180
- 4 Kaiga, 880
- 5 Kakrapar, 440
- 6 Madras, 440
- 7 Narora, 440

Pumped-storage plants over 100 MW, MW:

- 1 Sardar Sarovar, 1450
- 2 Tehri, 1000
- 3 Srisaillam, 900
- 4 Purulia, 900
- 5 Nagarjuna, 700
- 6 Kadamparai, 400
- 7 Ghatghar, 250
- 8 Kadana, 240
- 9 Bhira, 150

Hydro power plants over 1000 MW, MW:

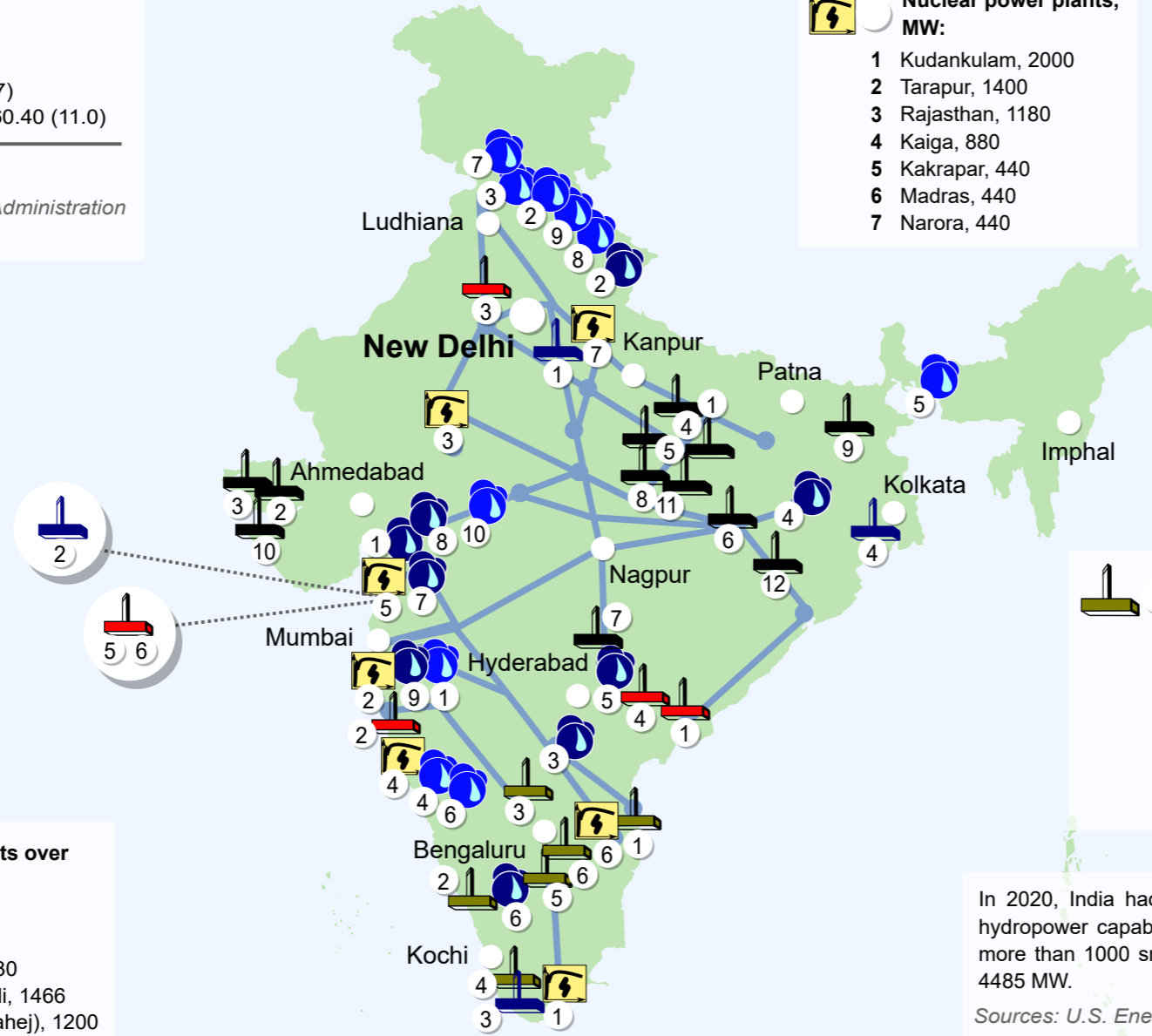
- 1 Koyna, 1960
- 2 Nathpa Jhakri, 1500
- 3 Bhakra, 1325
- 4 Kalinadi, 1240
- 5 Teesta Stage III, 1200
- 6 Sharavathi, 1035
- 7 Chamera (Chamba) Dam, 1071
- 8 Tehri Dam, 1000
- 9 Karcham Wangtoo, 1000
- 10 Indira Sagar, 1000

Major combined power plants over 100 MW, MW:

- 1 NTPC Dadri, 2637
- 2 Hazira, Essar Energy, 515
- 3 Kayamkulam (Rajiv Gandhi), 350
- 4 Haldia Petrochemicals, 110

Oil power plants over 100 MW, MW:

- 1 GMR Vasavi (Basin Bridge), 200
- 2 Kozhikode, 128
- 3 Yelahanka, 128
- 4 Brahmapuram, 107
- 5 Samayanallur, 106
- 6 Samalpatti, 106



— 765 kV line in service
 ● National grid 765 kV of other power plants, grid connection points, substations

In 2020, India had 432.77 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to India is 2638 TWh/year. As of March 2018, India registered more than 1000 small-scale hydropower plants up to 25 MW with a total installed capacity of 4485 MW.

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