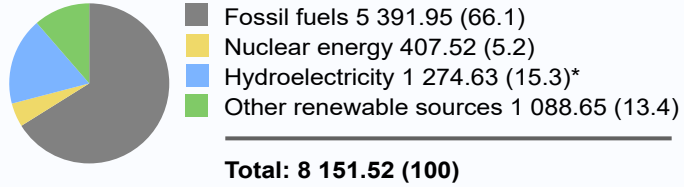


China • Electricity • Thermal and Coal

Gross electricity generation 2021, TWh (%):



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

* including pumped storage

Top 5 Chinese provinces coal mines by production capacity in 2014, mln t/y:

- 1 Inner Mongolia, 1123.46
- 2 Shanxi, 1045.98
- 3 Shaanxi, 581.10
- 4 Guizhou, 232.44
- 5 Shandong, 154.96

China is one of the largest producer and consumer of coal in the world. At the end of 2020, China had 143.2 billion tonnes of coal recoverable reserves, extracted about 4279.8 million short tons per year. China registered 10 760 operational coal mines, which were located in many provinces of China.

Sources: BP Statistical Review of World Energy 2021; U.S. Energy Information Administration (Dec 2021); U.S. Environmental Protection Agency; Wikipedia.

Key gas power plants over 1100 MW, MW:

- 1 Black Point, 2500
- 2 Beijing Northwest, 2100
- 3 Beijing Southwest, 1538
- 4 Beijing Northeast, 1400
- 5 Qishuyan, 1660
- 6 Lingang, 1600
- 7 Fujian Jinjiang, 1588
- 8 Huadian Hangzhou Banshan, 1420
- 9 Putian, 1400
- 10 Xiamen Dongbu (Fujian), 1400
- 11 Shanghai Huaneng (Shidongkou), 1212
- 12 Shenzhen Qianwan, 1170
- 13 Shenzhen Dongbu, 1116

Coal power plants over 4000 MW, MW:

- 1 Tuoketuo, 6720
- 2 Waigaoqiao, 5160
- 3 Guodian Beilun, 5060
- 4 Guohua Taishan, 5000
- 5 Jiaxing, 5000
- 6 Zouxian, 4540
- 7 Ninghai, 4400
- 8 Huaneng Qinbei, 4400
- 9 Houshi, 4200
- 10 Huaneng Yuhuan, 4200
- 11 Huaneng Haimen, 4144
- 12 Castle Peak, 4108

Key oil power plants over 100 MW, MW:

- 1 Penny's Bay, 300
- 2 Coloane A, 271

Key combined power plants over 1000 MW, MW:

- 1 Jinling, 2840
- 2 Huadian Wangting, 2700
- 3 Zhujiang, 1900
- 4 Zhenghai, 1560
- 5 Guangzhou Huarun, 1020

- 800-1000 kV lines in service
- 500 kV lines in service
- 300 kV lines in service
- National grid 800-1000 kV of other power plants, grid connection points, substations
- National grid 500 kV of other power plants, grid connection points, substations
- National grid 300 kV of other power plants, grid connection points, substations

