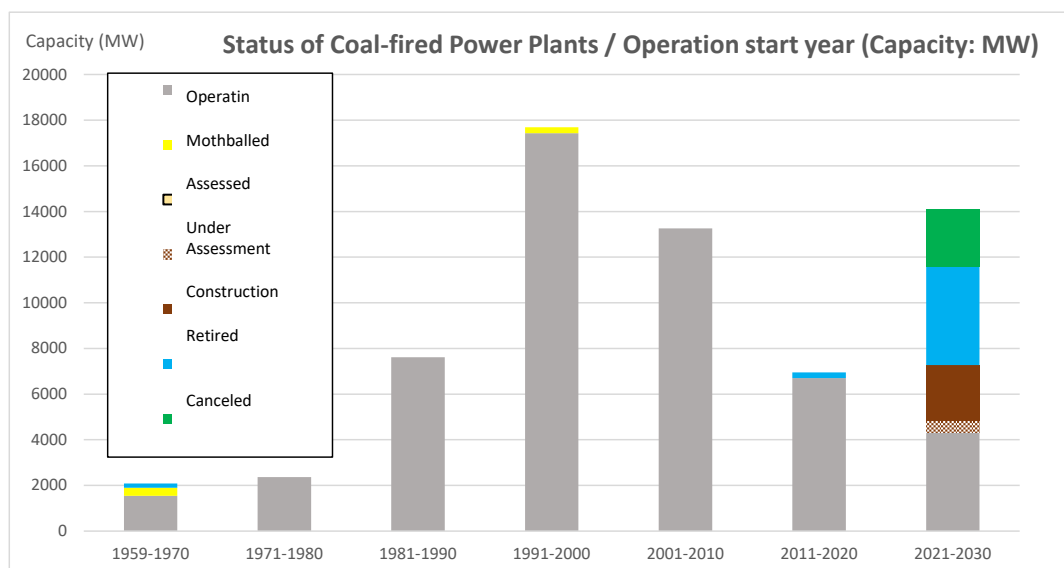


| | Canceled | Retired | Operating | | Planning/Under Construction | | | Sub Total |
|-----------------|----------|---------|-----------|------------|-----------------------------|------------------|--------------|-----------|
| | | | Operating | Mothballed | Assessed | Under Assessment | Construction | |
| Number of Units | 4 | 3 | 166 | 3 | 0 | 1 | 4 | |
| | 4 | 3 | 169 | | 5 | | | 181 |
| Capacity (MW) | 2,500 | 441 | 53,236 | 609 | 0 | 500 | 2,450 | |
| Sub Total | 2,500 | 441 | 53,845 | | 2,950 | | | 59,736 |



Retired details

| Region (Prefecture) | Plant Name | Company (Operator) | Capacity (MW) | Retired Date | Combustion Technology |
|---------------------|--|------------------------|---------------|--------------|-----------------------|
| Fukushima | Nakoso Power Station, Unit 10 | Joban Joint Power | 250 | 2020-11-16 | IGCC |
| Yamaguchi | Tokuyama Central Power Station (In-house) unit 5 | Tokuyama | 35 | 2020-06-30 | Sub-c |
| Ehime | Saijo Power Station, Unit 1 | Shikoku Electric Power | 156 | 2022-03-31 | Sub-c |

Operating details

*Please download the detailed data from the Japan Beyond Coal website.

| CombustionTechnology | Number of Plants | Capacity (MW) |
|----------------------|------------------|---------------|
| Sub-C | 110 | 12,505 |
| SC | 20 | 13,322 |
| USC | 33 | 26,175 |
| IGCC | 3 | 1,234 |
| Combined | 0 | 0 |
| Total | 166 | 53,236 |

Mothballed

| Region (Prefecture) | Plant Name | Company (Operator) | Capacity (MW) | Date | Combustion Technology |
|---------------------|-----------------------|-------------------------|---------------|---------|-----------------------|
| Hokkaido | Naie Power Station 1 | Hokkaido Electric Power | 175 | 2019-03 | Sub-C |
| Hokkaido | Naie Power Station 2 | Hokkaido Electric Power | 175 | 2019-03 | Sub-C |
| Hiroshima | Osaki Power Station 1 | Chigoku Electric Power | 259 | 2011-12 | Sub-C |

■ Planning details

| Region (Prefecture) | Plant Name | Company (Operator) | Capacity (MW) | Planned Operation Date | Combustion Technology | Annual CO2 Emissions (Mt-CO2) |
|--|------------------------------|------------------------|---------------|------------------------|-----------------------|-------------------------------|
| Under Construction (4 Units 2,450 MW) | | | | | | |
| Kanagawa | Yokosuka Power Station New 1 | JERA | 650 | 2023 | USC | 3.63 |
| Kanagawa | Yokosuka Power Station New 2 | JERA | 650 | 2024 | USC | 3.63 |
| Hyogo | Kobe Power Station 4 | Kobelco Power Kobe-2 | 650 | 2022FY | USC | 3.46 |
| Ehime | Saijo Power Station | Shikoku Electric Power | 500 | 2023-03 | USC | 2.46 |

Assessed (0 Unit 0 MW)

| Region (Prefecture) | Plant Name | Company (Operator) | Capacity (MW) | Planned Operation Date | Combustion Technology | Annual CO2 Emissions (Mt-CO2) |
|---------------------|------------|--------------------|---------------|------------------------|-----------------------|-------------------------------|
| | | | | | | |
| | | | | | | |

Under Assement (1 Unit 500 MW)

| Region (Prefecture) | Plant Name | Company (Operator) | Capacity (MW) | Planned Operation Date | Combustion Technology | Annual CO2 Emissions (Mt-CO2) |
|---------------------|-----------------------------|--------------------|---------------|------------------------|-----------------------|-------------------------------|
| Nagasaki | Matsushima Power Station G2 | J-POWER | 500 | 2026 | Combined | Unknown |
| | | | | | | |

■ Cancelled details

| Region (Prefecture) | Plant Name | Company (Operator) | Capacity (MW) | Planned Operation Date | Combustion Technology | Annual CO2 Emissions (Mt-CO2) |
|---------------------|--|---------------------------------|---------------|------------------------|-----------------------|-------------------------------|
| Yamaguchi | Nishiokinoyama Power Plant (tentative) 1 | Yamaguchi Ube Power Generation | 600 | 2026-04 | USC | 3.60 |
| Yamaguchi | Nishiokinoyama Power Plant (tentative) 2 | Yamaguchi Ube Power Generation | 600 | 2026-10 | USC | 3.60 |
| Akita | Akita Port 1 | Kansai Electric Power, Marubeni | 650 | 2024-03 | USC | 4.33 |
| Akita | Akita Port 2 | Kansai Electric Power, Marubeni | 650 | 2024-06 | USC | 4.33 |

■ List of cancelled plants before 2019

In Japan, there have been plans to build about 50 new coal-fired power plants after 2011. Of these, the following 13 units (7,030 MW) have been cancelled by 2019.

| Region (Prefecture) | Plant Name | Company (Operator) | Capacity (MW) | Planned Operation Date | Combustion Technology | Annual CO2 Emissions (Mt-CO2) |
|---------------------|--------------------------------|---|---------------|------------------------|-----------------------|-------------------------------|
| Fukushima | Soma Core Industrial Area | Soma Kyodo | 112 | Unknown | Unknown | 0.67 |
| Fukushima | Fukushima Iwaki Yoshima *1 | ABL Energy | 112 | Unknown | Sub-C | 0.67 |
| Akita | Akita Biomass | Nippon Paper | 112 | 2017-02-28 | Unknown | 0.76 |
| Iwate | (Tentative) Ofunato Biomass *1 | Maeda Corporation | 112 | 2017-06-15 | Unknown | 0.42 |
| Miyagi | (Tentative) Sendai Takamtsu *1 | Sumitomo Corporation | 112 | 2018-06-01 | Sub-C | 0.67 |
| Hyogo | Ako No.1 *2 | Kansai Electric | 600 | 2017-01-31 | USC | 3.35 |
| Hyogo | Ako No.2 *2 | Kansai Electric | 600 | | USC | 3.35 |
| Chiba | Ichihara | Ichihara Karyoku Hatsuden G.K (KENES, Tonen General) | 1000 | 2017-03-23 | USC | 6.00 |
| Hyogo | Takasago New No.1 | J-Power | 600 | 2018-04-27 | USC | 4.05 |
| Hyogo | Takasago New No.2 | J-Power | 600 | | USC | 4.05 |
| Chiba | (Tentative) Soga | Chiba Power (Chugoku Electric, JFE) | 1070 | 2018-12-27 | USC | 6.42 |
| Chiba | Sodegaura No.1 (Tentative) | Chiba Sodegaura Energy (Kyushu Electric, Idemitsu, Tokyo Gas) | 1000 | 2019-01-31 | USC | 6.00 |
| Chiba | Sodegaura No.2 (Tentative) | | 1000 | | USC | 6.00 |

*1 Biomass conversion

*2 Cancellation of fuel conversion plan