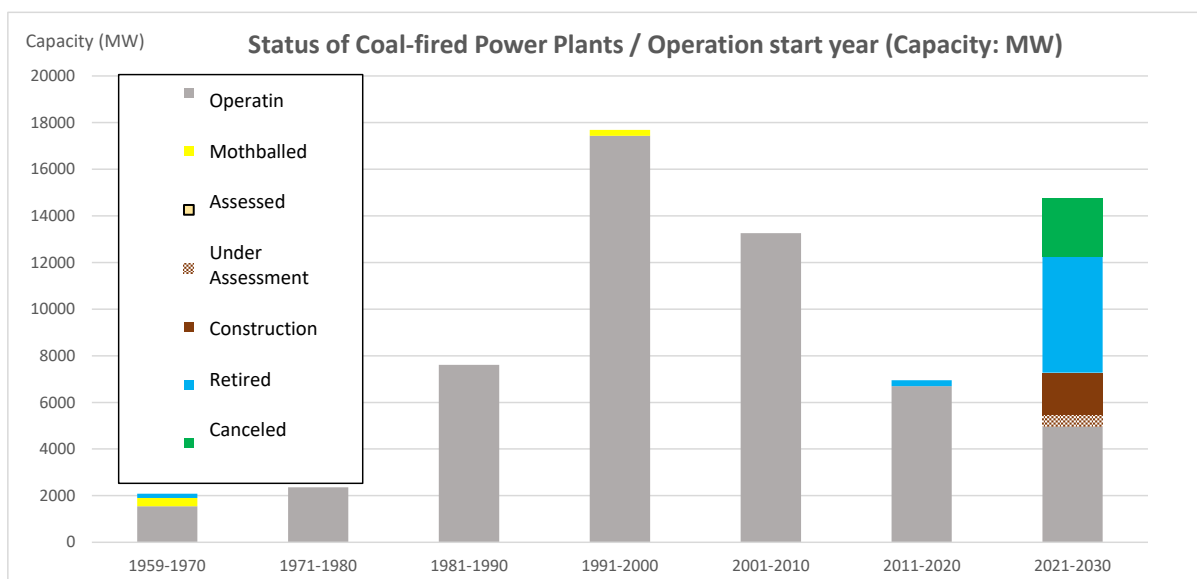


|                 | Canceled | Retired | Operating |            | Planning/Under Construction |                  |              | Sub Total |
|-----------------|----------|---------|-----------|------------|-----------------------------|------------------|--------------|-----------|
|                 |          |         | Operating | Mothballed | Assessed                    | Under Assessment | Construction |           |
| Number of Units | 4        | 3       | 167       | 3          | 0                           | 1                | 3            |           |
|                 | 4        | 3       | 170       |            | 4                           |                  |              | 181       |
| Capacity (MW)   | 2,500    | 441     | 53,886    | 609        | 0                           | 500              | 1,800        |           |
| Sub Total       | 2,500    | 441     | 54,495    |            | 2,300                       |                  |              | 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                  | 34               | 26,825        |
| IGCC                 | 3                | 1,234         |
| Combined             | 0                | 0             |
| Total                | 167              | 53,886        |

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) |
|--|------------------------------|------------------------|---------------|------------------------|-----------------------|-------------------------------|
| <b>Under Construction (3 Units 1,800 MW)</b> |                              |                        |               |                        |                       |                               |
| Kanagawa                                     | Yokosuka Power Station New 1 | JERA                   | 650           | 2023                   | USC                   | 3.63                          |
| Kanagawa                                     | Yokosuka Power Station New 2 | JERA                   | 650           | 2024                   | USC                   | 3.63                          |
| Ehime  | Saijo Power Station          | Shikoku Electric Power | 500           | 2023-03                | USC                   | 2.46                          |

| <b>Assessed (0 Unit 0 MW)</b> |  |  |  |  |  |  |
|-------------------------------|--|--|--|--|--|--|
|                               |  |  |  |  |  |  |
|                               |  |  |  |  |  |  |

| <b>Under Assement (1 Unit 500 MW)</b> |                             |         |     |      |          |         |
|---------------------------------------|-----------------------------|---------|-----|------|----------|---------|
| 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                          |
| Iwtate              | (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