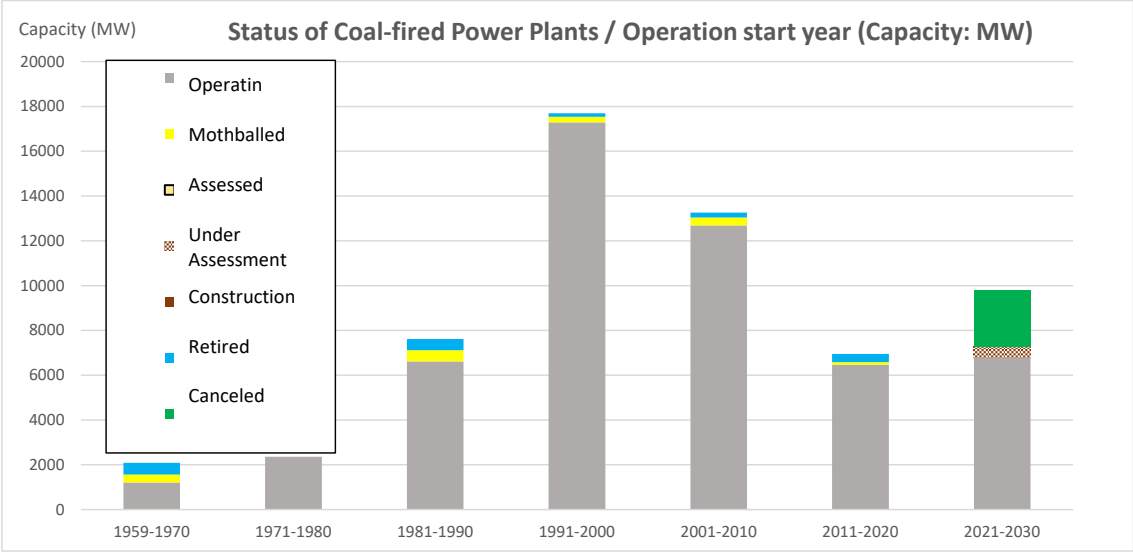


|                 | Canceled | Retired | Operating |            | Planning/Under Construction |                  |              | Sub Total |
|-----------------|----------|---------|-----------|------------|-----------------------------|------------------|--------------|-----------|
|                 |          |         | Operating | Mothballed | Assessed                    | Under Assessment | Construction |           |
| Number of Units | 4        | 11      | 159       | 6          | 0                           | 1                | 0            |           |
|                 | 4        | 11      | 165       |            | 1                           |                  |              | 181       |
| Capacity (MW)   | 2,500    | 1,754   | 53,401    | 1,581      | 0                           | 500              | 0            |           |
| Sub Total       | 2,500    | 1,754   | 54,982    |            | 500                         |                  |              | 59,736    |



Retired details

| Region (Prefecture) | Plant Name                                       | Company (Operator)     | Capacity (MW) | Retired Date | Combustion Technology |
|---------------------|--------------------------------------------------|------------------------|---------------|--------------|-----------------------|
| Yamaguchi           | Tokuyama Central Power Station (In-house) unit 5 | Tokuyama               | 35            | 2020-06-30   | Sub-c                 |
| Fukushima           | Nakoso Power Station, Unit 10                    | Joban Joint Power      | 250           | 2020-11-16   | IGCC                  |
| Ehime               | Saijo Power Station, Unit 1                      | Shikoku Electric Power | 156           | 2022-03-31   | Sub-c                 |
| Shizuoka            | Suzukawa Energy Center                           | Suzukawa Energy Center | 112           | 2022-07      | Sub-C                 |
| Okayama             | Mizushima Power Station, Unit 2                  | Chugoku Electric Power | 156           | 2023-04-30   | Sub-c                 |
| Yamaguchi           | Shimonoseki, Unit 1                              | Chugoku Electric Power | 175           | 2024-01      | Sub-c                 |
| Fukushima           | Summit Onahama S Power, Unit1                    | Summit Onahama S Power | 50            | 2024-03-31   | Sub-c                 |
| Fukushima           | Summit Onahama S Power, Unit2                    | Summit Onahama S Power | 6             | 2024-03-31   | Sub-c                 |
| Aichi               | Toyohashi Power Station                          | Akemi Power            | 147           | 2024-3-31    | Sub-c                 |
| Kochi               | Tosa Power Station                               | Tosa Power             | 167           | 2025-3-31    | Sub-c                 |
| Nagasaki            | Matsushima Power Station, Unit1                  | J-POWER                | 500           | 2025-5-1     | SC                    |

\* Date of discontinuance on notification

Operating details

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

| CombustionTechnology | Number of Plants | Capacity (MW) |
|----------------------|------------------|---------------|
| Sub-C                | 102              | 11,580        |
| SC                   | 18               | 12,322        |
| USC                  | 36               | 28,265        |
| IGCC                 | 3                | 1,234         |
| Combined             | 0                | 0             |
| Total                | 159              | 53,401        |

■ Mothballed

| Region<br>(Prefecture) | Plant Name                          | Company (Operator)                           | Capacity<br>(MW) | Date    | Combustion<br>Technology |
|------------------------|-------------------------------------|----------------------------------------------|------------------|---------|--------------------------|
| Hiroshima              | Osaki Power Station 1               | Chigoku Electric Power                       | 259              | 2011-12 | Sub-C                    |
| Fukuoka                | Hibikinada Thermal<br>Power Station | Hibikinada Thermal Power Plant (Daiwa House) | 112              | 2019-02 | Sub-C                    |
| 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                    |
| Fukuoka                | Karita Power Station<br>New1        | Kyushu Electric Power                        | 360              | 2024-07 | USC                      |
| Nagasaki               | Matsushima Power<br>Station, Unit 2 | J-POWER                                      | 500              | 2024-03 | SC                       |

■ Planning details

| Region<br>(Prefecture)            | Plant Name | Company (Operator) | Capacity<br>(MW) | Planned<br>Operation Date | Combustion<br>Technology | Annual CO2<br>Emissions<br>(Mt-CO2) |
|-----------------------------------|------------|--------------------|------------------|---------------------------|--------------------------|-------------------------------------|
| Under Construction (0 Units 0 MW) |            |                    |                  |                           |                          |                                     |
|                                   |            |                    |                  |                           |                          |                                     |

|                        |  |  |  |  |  |  |
|------------------------|--|--|--|--|--|--|
| Assessed (0 Unit 0 MW) |  |  |  |  |  |  |
|                        |  |  |  |  |  |  |
|                        |  |  |  |  |  |  |

|                                |                             |         |     |      |          |         |
|--------------------------------|-----------------------------|---------|-----|------|----------|---------|
| Under Assement (1 Unit 500 MW) |                             |         |     |      |          |         |
| Nagasaki                       | Matsushima Power Station G2 | J-POWER | 500 | 2026 | Combined | Unknown |
|                                |                             |         |     |      |          |         |

■ Cancelled details

| Region<br>(Prefecture) | Plant Name                                  | Company (Operator)              | Capacity<br>(MW) | Planned<br>Operation Date | Combustion<br>Technology | Annual CO2<br>Emissions<br>(Mt-CO2) |
|------------------------|---------------------------------------------|---------------------------------|------------------|---------------------------|--------------------------|-------------------------------------|
| Yamaguchi              | Nishiokinoyama Power Plant<br>(tentative) 1 | Yamaguchi Ube Power Generation  | 600              | 2026-04                   | USC                      | 3.60                                |
| Yamaguchi              | Nishiokinoyama Power Plant<br>(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                                |

■ To be either decommissioned or made into reserve power sources

| Are       | Plant Name                            | Company (Operator)        | Capacity (MW) | Planned Shutdown Date                                                  | Combustion Technology | Operation started in |
|-----------|---------------------------------------|---------------------------|---------------|------------------------------------------------------------------------|-----------------------|----------------------|
| Nagasaki  | Matsushima Power Station, Unit1       | J-POWER                   | 500           | FY2024                                                                 | SC                    | 1981-01              |
| Kochi     | Tosa Power Station                    | Tosa Power                | 167           | Mar.2025                                                               | Sub-C                 | 2005-04              |
| Kumamoto  | Nippon Paper Yatsushiro Mill          | Nippon Paper              | 75            | Nov.2025                                                               | Sub-C                 | 1993-05              |
| Hyogo     | Sumitomo Osaka Cement Ako Factory     | Sumitomo Osaka Cement     | 103           | Mar. 2026                                                              | Sub-C                 | 1997-04              |
| Fukuoka   | Karita Power Station, New1            | Kyushu Electric Power     | 360           | June 2026                                                              | USC                   | 2001-07              |
| Hokkaido  | Naie Power Station, Unit1             | Hokkaido Electric Power   | 175           | Mar.2027                                                               | Sub-C                 | 1968-05              |
| Hokkaido  | Naie Power Station, Unit2             | Hokkaido Electric Power   | 175           | Mar.2027                                                               | Sub-C                 | 1970-02              |
| Hokkaido  | Sunagawa Power Station, Unit3         | Hokkaido Electric Power   | 125           | Mar.2027                                                               | Sub-C                 | 1977-06              |
| Hokkaido  | Sunagawa Power Station, Unit4         | Hokkaido Electric Power   | 125           | Mar.2027                                                               | Sub-C                 | 1982-05              |
| Toyama    | Toyama Shinko Power Station, Unit1    | Hokuriku Electric Power   | 250           | FY2028                                                                 | Sub-C                 | 1971-09              |
| Hyogo     | Takasago Power Station, Unit1         | J-POWER                   | 250           | FY2028                                                                 | Sub-C                 | 1968-07              |
| Hyogo     | Takasago Power Station, Unit2         | J-POWER                   | 250           | FY2028                                                                 | Sub-C                 | 1969-01              |
| Hiroshima | Takehara Thermal Power Station, Unit3 | J-POWER                   | 700           | to be either decommissioned or made into reserve power sources by 2030 | Sub-C                 | 1969-01              |
| Nagasaki  | Matsuura Power Station, Unit1         | J-POWER                   | 1000          | to be either decommissioned or made into reserve power sources by 2030 | SC                    | 1990-06              |
| Yamaguchi | Tokuyama Central Power Station, Unit9 | Kokuyama                  | 149           | to be retired 2030-2035                                                | Sub-C                 | 1987-09              |
| Fukuoka   | Tobata Power Station Unit2            | Kyushu Co-operative Power | 156           | by 2040                                                                | Sub-C                 | 2004-02              |
| Fukuoka   | Tobata Power Station Unit5            | Kyushu Co-operative Power | 110           | by 2040                                                                | Sub-C                 | 2010-04              |
| Fukuoka   | Tobata Power Station Unit6            | Kyushu Co-operative Power | 149           | by 2040                                                                | Sub-C                 | 1999-04              |

**Total** **4819**

■ 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