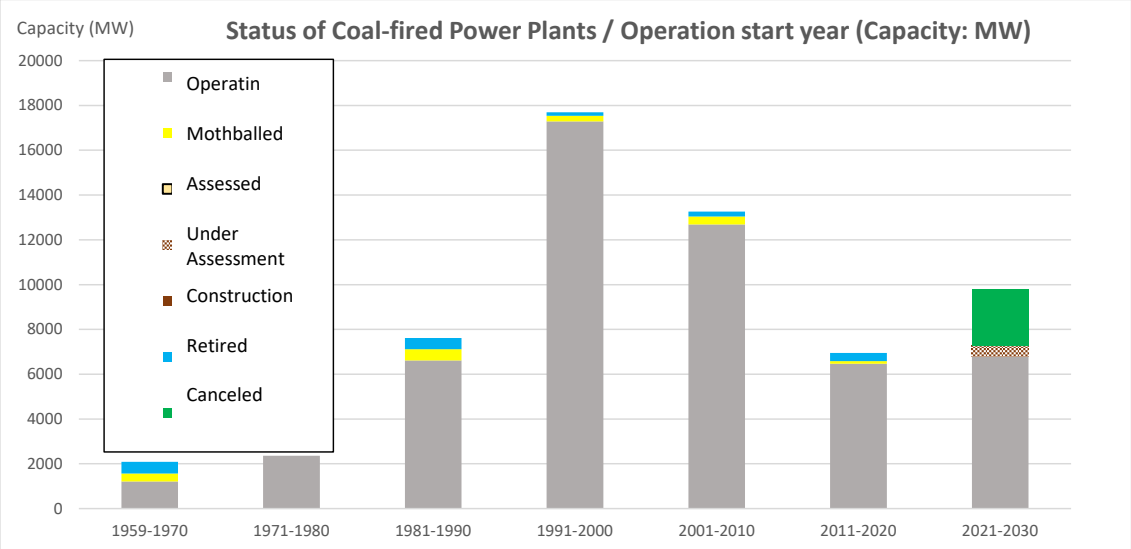
JBC Coal Plant Data Summary

Update 2025/12/1

	Canceled	Retired	Operating		Planning/Under Construction			Sub Total
			Operating	Mothballed	Asessed	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 (Prefecture)	Plant Name	Company (Operator)	Capacity (MW)	Date	Combustion Technology
Hiroshima	Osaki Power Station 1	Chigoku Electric Power	259	2011-12	Sub-C
Fukuoka	Hibikinada Thermal 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 New1	Kyushu Electric Power	360	2024-07	USC
Nagasaki	Matsushima Power Station, Unit 2	J-POWER	500	2024-03	SC

■Planning details

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

■ **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	to be mothbolded on March 31, 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