

May 31, 2019

Kyushu Electric Power Co., Inc.

Start of power generation of Matsuura Power Station Unit 2

-Start of power generation with the trial run starting on June 1, 2019-

Kyushu Electric Power has been working on civil engineering, construction and equipment installment of Unit 2 of the Matsuura Power Station situated in Matsuura-shi, Nagasaki Prefecture since January 2016. We are pleased to announce that this power plant will start generating power as part of its trial run starting tomorrow.

Output will be gradually increased, and safety inspections, equipment adjustment and performance tests according to the law will be conducted, aiming for the start of commercial operation in December 2019.

Industry-leading technology is used in Matsuura Power Station Unit 2 which reduces the plant’s environmental burden and allows the plant to respond flexibly to fluctuations in renewable energy output.

Kyushu Electric Power will continue to build a balanced electricity supply system that harnesses the characteristics of all power sources from an S (safety) + 3E (energy security, economic efficiency, and environment) perspective.

Overview of Matsuura Power Station Unit 2

	Unit 2	[Reference] Unit 1 (Started operations in June 1989)
Location	2091-1, Kaihatsu, Shirahamamen-aza, Shisa-cho, Matsuura-shi, Nagasaki	
Output	1,000 MW	700 MW
Power generation system	Pulverized coal-burning, ultra-super critical(USC) power generation	Pulverized coal-burning, super critical(SC) power generation
Fuel	Coal	
Gross thermal efficiency (Lower heating value)	Approx. 46%	Approx.43%

※1 : Facility in which steam pressure is 22.1MPa and above while the main steam temperature exceeds 566°C.

※2 : Facility in which steam pressure is 22.1MPa and above while the main steam temperature is 566°C or below.

Major milestones

January 1998	Start of environmental survey
March 2001	Start of construction (submitted the construction plan)
June 2004	Suspension of construction (as projected power demand declined)
January 2016	Restart of construction (submitted amendments to the construction plan in November 2015)
June 2019	Start of power generation (planned)
December 2019	Start of commercial operation (planned)