

Outline of Shin-Oita Power Station

		No.1 series	No.2 series	No.3 series	Total
Output	The existing plants	690MW (6units)	870MW (4units)	735MW (3units)	2,295MW
	The extension plant	-	-	459.4MW	459.4MW
	Total	690MW	870MW	1,194.4MW	2,754.4MW
Start of Operation		Jun. 1991	Feb. 1994 (435MW) Feb. 1995 (435MW)	(Existing) Jul. 1998 (Extension) Jun. 2016	-

The structure of a combined cycle system

- The combined cycle system means a facility that combines a gas turbine and a steam turbine.
- First, generates electricity by revolving a gas turbine using high-temperature combustion gas that is created by burning clean LNG in combustor.
- Second, additionally generates electricity by revolving a steam turbine using high-temperature/pressure steam that is created by collecting high-temperature combustion gas in an exhaust heat recovery boiler from a gas turbine.

