

## Outline of Gas Turbine Power Generation Equipments

### (1) Equipment Outline

Location: 2-1377 Soga-cho, Chuo Ward, Chiba City, Chiba Prefecture

Power output: 334MW (Air temperature: 5 ): x 3 units

Type: Gas turbine power generation equipment (1,500 grade)

Fuel: Natural gas (LNG)

Operation commencement dates:

Unit 3-1: August 28, 2011

Unit 3-2: September 9, 2011

Unit 3-3: July 10, 2012

### (2) Installation Map



### < Reference > Comparison with combined cycle power generation equipment

	Current	Combined cycle style
Power generation method	1,500 grade gas turbine	1,500 grade combined cycle
Power output	1,002MW (334MW×3)	1,500MW (500MW×3)
Thermal efficiency	39.0%	Approx.58%
Operational Commencement	All units have started commercial operation	Commenced by July 2014

End