

6F.01

HEAVY DUTY GAS TURBINE

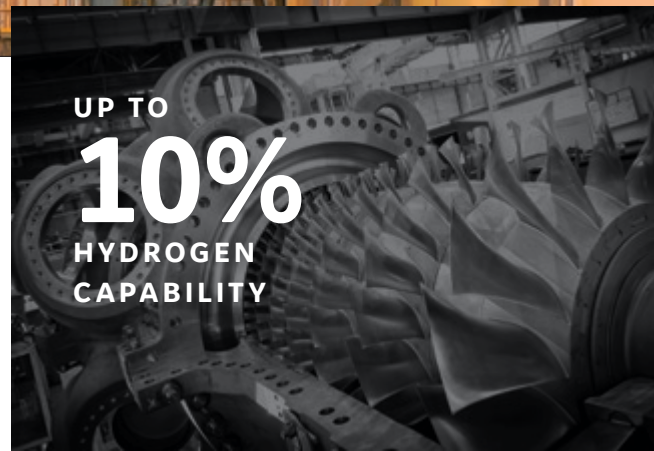
50/60 Hz (geared)



57 MW SIMPLE CYCLE OUTPUT

>57% COMBINED CYCLE EFFICIENCY

OFFERING RELIABILITY AND EFFICIENCY, THE 6F.01 IS A PROVEN CHOICE FOR PERFORMANCE IN SMALL POWER AND INDUSTRIAL CHP APPLICATIONS.



	6F.01	
SC PLANT PERFORMANCE	SC Net Output (MW)	57
	SC Net Heat Rate (Btu/kWh, LHV)	8,975
	SC Net Heat Rate (kJ/kWh, LHV)	9,469
	SC Net Efficiency (% , LHV)	38.0%
1X CC PLANT PERFORMANCE	CC Net Output (MW)	84
	CC Net Heat Rate (Btu/kWh, LHV)	5,980
	CC Net Heat Rate (kJ/kWh, LHV)	6,309
	CC Net Efficiency (% , LHV)	57.1%
	Plant Turndown – Minimum Load (%)	39.0%
	Ramp Rate (MW/min)	12
Startup Time (RR Hot [†] , Minutes)	30	
2X CC PLANT PERFORMANCE	CC Net Output (MW)	170
	CC Net Heat Rate (Btu/kWh, LHV)	5,932
	CC Net Heat Rate (kJ/kWh, LHV)	6,259
	CC Net Efficiency (% , LHV)	57.5%
	Plant Turndown – Minimum Load (%)	19.0%
Ramp Rate (MW/min)	24	
Startup Time (RR Hot [†] , Minutes)	30	

NOTE: All ratings are net plant, based on ISO conditions and natural gas fuel. Actual performance will vary with project-specific conditions and fuel.

[†] Rapid Response/Hot Start

The 6F.01 gas turbine is a compact yet powerful driver of combined-cycle and cogeneration plants, with a versatile configuration offered in either cold end drive for enhanced output, or hot end drive for repowering existing 6B power plants. The 6F.01 gas turbine has over 180,000 hours and 1800 starts of fleet operating experience over the past four years, with over 99% fleet reliability.

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