



# 6F POWER PLANTS

**57-88 MW**  
SIMPLE CYCLE OUTPUT

**>57%**  
COMBINED CYCLE EFFICIENCY



### CAPABILITY

High exhaust energy provides capability for a wide range of CHP needs, including a variety of steam temperature levels



### VERSATILITY

Offers F-class efficiency and the superior fuel flexibility typically associated with E-class technology



### SUSTAINABILITY

Leading DLN emissions: 15 ppm NO<sub>x</sub>, 9 ppm CO, and best-in-class CO<sub>2</sub> per MWh for a carbon-conscious world

GE's 6F gas turbines offer the superior performance, reliability, and flexibility typically associated with larger power plants. The 6F packs a lot of power into a small package, offering durability and flexibility for harsh, remote, or floating power environments. Whether it be for 50 or 60 Hz, the 6F maintains best-in-class efficiency and exhaust energy for combined cycle and CHP performance. The 6F offers segment-leading 32,000-hour combustion and hot gas path inspection intervals.

		6F.01	6F.03
SC Plant Performance	SC Net Output (MW)	57	88
	SC Net Heat Rate (Btu/kWh, LHV)	8,880	9,277
	SC Net Heat Rate (kJ/kWh, LHV)	9,369	9,788
	SC Net Efficiency (% , LHV)	38.4%	36.8%
1x CC Plant Performance	CC Net Output (MW)	85	135
	CC Net Heat Rate (Btu/kWh, LHV)	5,896	5,998
	CC Net Heat Rate (kJ/kWh, LHV)	6,221	6,328
	CC Net Efficiency (% , LHV)	57.9%	56.9%
	Plant Turndown – Minimum Load (%)	39.0%	44.0%
	Ramp Rate (MW/min)	12	7
2x CC Plant Performance	Startup Time (RR Hot, Minutes)	30	45
	CC Net Output (MW)	171	272
	CC Net Heat Rate (Btu/kWh, LHV)	5,849	5,944
	CC Net Heat Rate (kJ/kWh, LHV)	6,171	6,271
	CC Net Efficiency (% , LHV)	58.3%	57.4%
	Plant Turndown – Minimum Load (%)	19.0%	21.0%
Ramp Rate (MW/min)	24	13	
Startup Time (RR Hot, Minutes)	30	35	

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