



# LM6000 POWER PLANTS

**45-58 MW**  
SIMPLE CYCLE OUTPUT

**>41%**  
SIMPLE CYCLE EFFICIENCY



### CAPABILITY

Achieves various dispatch profiles with 3-minute synchronization to the grid



### VERSATILITY

Operates from peaking to baseload with applications in combined cycle, simple cycle, industrial cogeneration, and district heating



### SUSTAINABILITY

Reduces greenhouse gas emissions as part of the LM6000 battery Hybrid EGT\* offering

37 million operating hours and more than 1,200 units shipped makes GE's LM6000 aeroderivative gas turbine a leader in the +40 MW space. The LM6000 offers greater than 99 percent start and operational reliability and 98 percent availability. Its 5-minute fast start allows operators to differentiate their dispatch capability while a simple two-spool design results in lower overall maintenance costs. Universal and modular packaging gives the LM6000 a smaller footprint and allows for faster installation and commissioning.

		LM6000 SAC	LM6000 DLE
SC Plant Performance	SC Net Output (MW)	55/57 <sup>1</sup>	53/58 <sup>1</sup>
	SC Net Heat Rate (Btu/kWh, LHV)	8,692	8,271
	SC Net Heat Rate (kJ/kWh, LHV)	9,170	8,726
	SC Net Efficiency (% , LHV)	39.3%	41.3%
1x CC Plant Performance	CC Net Output (MW)	73/76 <sup>1</sup>	70/77 <sup>1</sup>
	CC Net Heat Rate (Btu/kWh, LHV)	6,535	6,105
	CC Net Heat Rate (kJ/kWh, LHV)	6,895	6,441
	CC Net Efficiency (% , LHV)	52.2%	55.9%
	Plant Turndown - Minimum Load (%)	19.0%	37.0%
	Ramp Rate (MW/min)	50	50
2x CC Plant Performance	Startup Time (RR Hot, Minutes)	30	30
	CC Net Output (MW)	146/153 <sup>1</sup>	142/155 <sup>1</sup>
	CC Net Heat Rate (Btu/kWh, LHV)	6,516	6,085
	CC Net Heat Rate (kJ/kWh, LHV)	6,874	6,420
	CC Net Efficiency (% , LHV)	52.4%	56.1%
	Plant Turndown - Minimum Load (%)	19.0%	18.0%
	Ramp Rate (MW/min)	100	100
Startup Time (RR Hot, Minutes)	30	30	

1) MW output without SPRINT / with SPRINT.  
NOTE: All ratings are net plant, based on ISO conditions and natural gas fuel. Actual performance will vary with project-specific conditions and fuel.