



TM2500 POWER PLANTS

32 MW AT 30°C
HOT DAY PERFORMANCE



CAPABILITY

8-minute start from cold metal to full power output



VERSATILITY

All units are natural gas/liquid fuel capable across a wide range of fuels, including propane and naphtha



SUSTAINABILITY

10X lower emissions than reciprocating technology; exceeds World Bank requirements

The TM2500 is ideal for providing a baseload bridge to permanent power installations or for generating backup power in the wake of natural disasters, plant shutdowns, or grid instability. Our complete solutions—including trailer-mounted gas turbine generator set and containerized balance of plant—can put power on the grid within 30 days of the contract signature; this fast power provides the greatest power density among gas turbine trailer-mounted offerings.

		TM2500 (50 Hz)	TM2500 (60 Hz)
SC Plant Performance	SC Net Output (MW)	33.6	35.9
	SC Net Heat Rate (Btu/kWh, LHV)	9,794	9,330
	SC Net Heat Rate (kJ/kWh, LHV)	10,333	9,844
	SC Net Efficiency (% , LHV)	34.8%	36.6%
1x CC Plant Performance	CC Net Output (MW)	48.4	50.5
	CC Net Heat Rate (Btu/kWh, LHV)	6,851	6,703
	CC Net Heat Rate (kJ/kWh, LHV)	7,229	7,072
	CC Net Efficiency (% , LHV)	49.8%	50.9%
	Plant Turndown – Minimum Load (%)	35.0%	36.0%
	Ramp Rate (MW/min)	30	30
2x CC Plant Performance	Startup Time (RR Hot, Minutes)	30	30
	CC Net Output (MW)	97.2	101.3
	CC Net Heat Rate (Btu/kWh, LHV)	6,827	6,681
	CC Net Heat Rate (kJ/kWh, LHV)	7,203	7,049
	CC Net Efficiency (% , LHV)	50.0%	51.1%
	Plant Turndown – Minimum Load (%)	35.0%	35.0%
	Ramp Rate (MW/min)	60	60
Startup Time (RR Hot, Minutes)	30	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.