



LM2500XPRESS POWER PLANTS

34 MW
SIMPLE CYCLE OUTPUT

UP TO 39%
SIMPLE CYCLE EFFICIENCY

<14 DAYS
TO INSTALL



CAPABILITY

Five minute fast start with cycling and load following capabilities to support grid stability



MODULARITY

Designed for speed and simplicity with preassembled modules



EMISSIONS

Advanced DLE technology for NOx as low as 15 ppm

With more than 2,500 units sold and more than 97 million operating hours, GE's LM2500 is the top-selling gas turbine globally. The LM2500XPRESS is built on this legacy while focusing on speed and simplicity. The LM2500XPRESS is 95% factory assembled into simplified modules for fast and easy site installation and has an 80% reduction in electrical interconnects compared to traditional plants. For customers who need power in days, the LM2500XPRESS can be installed in as little as 2 weeks with a minimal crew. Its plug and play nature enables flexible power where it is needed quickly and efficiently.

		LM2500XPRESS 50 Hz	LM2500XPRESS 60 Hz
SC Plant Performance	SC Net Output (MW)	34	34
	SC Net Heat Rate (Btu/kWh, LHV)	8,628	8,628
	SC Net Heat Rate (kJ/kWh, LHV)	9,103	9,103
	SC Net Efficiency (% , LHV)	39.5%	39.5%
1x CC Plant Performance	CC Net Output (MW)	47.2	47.3
	CC Net Heat Rate (Btu/kWh, LHV)	6,275	6,246
	CC Net Heat Rate (kJ/kWh, LHV)	6,621	6,590
	CC Net Efficiency (% , LHV)	54.4%	54.6%
	Plant Turndown - Minimum Load (%)	35.0%	35.0%
	Ramp Rate (MW/min)	30	30
2x CC Plant Performance	Startup Time (RR Hot, Minutes)	30	30
	CC Net Output (MW)	94.6	94.8
	CC Net Heat Rate (Btu/kWh, LHV)	6,261	6,232
	CC Net Heat Rate (kJ/kWh, LHV)	6,606	6,575
	CC Net Efficiency (% , LHV)	54.5%	54.8%
	Plant Turndown - Minimum Load (%)	18.0%	18.0%
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.