



LM2500 POWER PLANTS

34 MW
SIMPLE CYCLE OUTPUT

>38%
SIMPLE CYCLE EFFICIENCY*



CAPABILITY

Ideal for combined cycle, onshore and offshore power generation, mechanical drive, and cogeneration



VERSATILITY

Accommodates a wide variety of fuels, including coke-oven gas, naphtha, propane, diesel, ethanol, and LNG



SUSTAINABILITY

Multiple technology options available to lower NO_x and other emissions concerns

With more than 2,400 units sold and more than 79 million operating hours, GE's LM2500 is the top-selling gas turbine globally. Ideal for CHP applications between 20 to 40 MW, the LM2500's greater than 85 percent efficiency helps reduce operating costs, plant emissions, and reliance on the local grid. A lightweight and compact modular design complements the universal packaging, which improves accessibility for maintenance. The LM2500 delivers power with reliability greater than 99 percent and availability greater than 98 percent.

gepower.com

		LM2500-DLE	LM2500-LDLE	LM2500-LDLE
SC Plant Performance	SC Net Output (MW)	33.1	30.6	33.6
	SC Heat Rate (Btu/kWh, LHV)	11,501	12,542	11,897
	SC Heat Rate (Btu/kWh, HHV)	12,804	14,432	13,281
	SC Plant Efficiency (% LHV)	39.9%	36.0%	38.6%
LC Plant Performance	CC Net Output (MW)	52.2	45.9	47.2
	CC Heat Rate (Btu/kWh, LHV)	8,465	9,789	9,219
	CC Heat Rate (Btu/kWh, HHV)	9,811	11,445	10,562
	CC Plant Efficiency (% LHV)	54.0%	46.2%	48.4%
	Plant Turn-down – Minimum Load (%)	34.0%	35.0%	35.0%
	Plant Water (MG/Week)	30	30	30
	Startup Time (20% Hot, Minimum)	30	30	30
2x1 Plant Performance	CC Net Output (MW)	88.9	80.4	85.1
	CC Heat Rate (Btu/kWh, LHV)	6,411	7,271	6,735
	CC Heat Rate (Btu/kWh, HHV)	6,785	8,022	7,360
	CC Plant Efficiency (% LHV)	51.1%	44.4%	46.9%
	Plant Turn-down – Minimum Load (%)	17.0%	17.0%	18.0%
2x2 Plant Performance	Plant Water (MG/Week)	60	60	60
	Startup Time (20% Hot, Minimum)	30	30	30

*Based on ratings of combined cycle at 50% efficiency and power output. Actual performance will vary with plant specific conditions and fuel.

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GE A 300419A 1A 101 (09/16)

Ge Lm2500 Plus Technical Manual

N Noddings



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web take place within the pump room transfer switch shall be specifically listed for fire pump service one transfer switch shall be dedicated to each fire pump see nfpa 20 03 chapter 9 6 4 10 8 3 1 and 10 8 2 3 u l f m listed built to nfpa 20 03 standard chapter 10 please note to be located within sight of pump motor fire pump

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web when designing or installing electrical power supplies for fire pumps and their accessories you must apply special rules as listed in nfpa 70 the national electrical code nec and the standard for centrifugal fire pumps cfp nfpa 20

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