TM2500 POWER PLANTS

33–36 MW
HOT OUTPUT

11 DAYS
INSTALLATION AND COMMISSIONING TIME

300+ UNITS
INSTALLED WORLDWIDE

CAPABILITY
5-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 works well 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 trailermounted 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)	
Simple cycle specifications	WET	DRY	WET	DRY
Net output wet (MW)	33.7	32.5	36.0	33.3
Net heat rate (Btu/kWh, LHV)	9,754	9,245	9,318	8,886
Net heat rate (kJ/kWh, LHV)	10,291	9,754	9,831	9,375
Net efficiency	35.0%	36.9%	36.6%	38.4%
Ramp rate (MW/minute)	20	20	20	20
Startup time (cold iron) (min)	5	5	5	5
TM2500 additional specifications				
Reliability	99.5%			
Availability	98.7%			
Start reliability	98.35%			
Fleet operation hours	77.9M			
Hot section (hrs)	25,000			
Overhaul (hrs)	50,000			
NOx emission (ppm) (@ 15% O2)	25			
Package noise (dBA average)	<90			
Combustion	SAC			

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

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