



TM2500

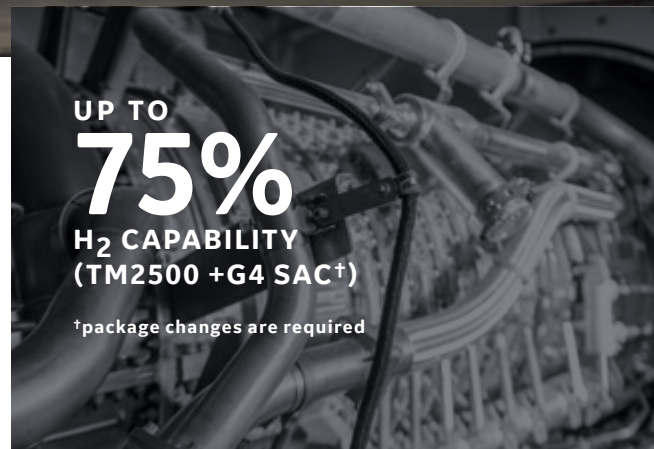
AERODERIVATIVE GAS TURBINE

50/60_{Hz}

32 MW AT 30°C

HOT-DAY PERFORMANCE

SWITCHING FROM A DIESEL ENGINE AND ELECTRIC GENERATOR (DIESEL GENSET) TO A TM2500 BURNING LIQUEFIED PETROLEUM GAS (LPG) CAN SAVE UP TO \$7 MILLION PER YEAR IN OPERATING COSTS.



UP TO 75%

H₂ CAPABILITY (TM2500 +G4 SAC[†])

[†]package changes are required

	TM2500 (50 Hz)	TM2500 (60 Hz)	
SC PLANT PERFORMANCE	SC Net Output (MW)	34.6	37.0
	SC Net Heat Rate (Btu/kWh, LHV)	9,783	9,333
	SC Net Heat Rate (kJ/kWh, LHV)	10,321	9,846
	SC Net Efficiency (% LHV)	34.9%	36.6%
1X CC PLANT PERFORMANCE	CC Net Output (MW)	49.2	51.1
	CC Net Heat Rate (Btu/kWh, LHV)	6,870	6,753
	CC Net Heat Rate (kJ/kWh, LHV)	7,248	7,125
	CC Net Efficiency (% LHV)	49.7%	50.5%
	Plant Turndown - Minimum Load (%)	35.0%	36.0%
	Ramp Rate (MW/min)	30	30
	Startup Time (RR Hot [†] , Minutes)	30	30
2X CC PLANT PERFORMANCE	CC Net Output (MW)	99.2	103.1
	CC Net Heat Rate (Btu/kWh, LHV)	6,814	6,698
	CC Net Heat Rate (kJ/kWh, LHV)	7,189	7,067
	CC Net Efficiency (% LHV)	50.1%	50.9%
	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.

[†] Rapid Response/Hot Start

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

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