GE VERNOVA

FACTSHEET

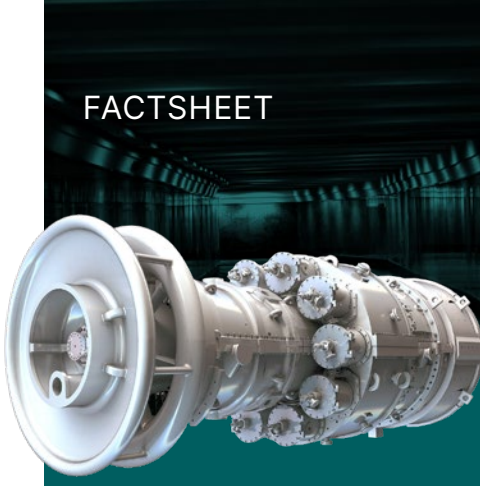
7E

HEAVY DUTY GAS TURBINE

THE 7E ACCOMMODATES A FULL RANGE OF FUEL OPTIONS WHILE HELPING TO DELIVER BETTER RELIABILITY AND LOWER EMISSIONS THAN OTHER TECHNOLOGIES IN ITS CLASS.

		7E.03
SC PLANT PERFORMANCE	SC Net Output (MW)	90
	SC Net Heat Rate (Btu/kWh, LHV)	10107
	SC Net Heat Rate (kJ/kWh, LHV)	10664
	SC Net Efficiency (%, LHV)	33.8%
1X CC PLANT PERFORMANCE	CC Net Output (MW)	140
	CC Net Heat Rate (Btu/kWh, LHV)	6514
	CC Net Heat Rate (kJ/kWh, LHV)	6873
	CC Net Efficiency (%, LHV)	52.4%
	Plant Turndown – Minimum Load (%)	45.0%
	Ramp Rate (MW/min)	40
	Startup Time (RR Hot†, Minutes)	35
2X CC PLANT PERFORMANCE	CC Net Output (MW)	283
	CC Net Heat Rate (Btu/kWh, LHV)	6454
	CC Net Heat Rate (kJ/kWh, LHV)	6809
	CC Net Efficiency (%, LHV)	52.9%
	Plant Turndown – Minimum Load (%)	22.0%
	Ramp Rate (MW/min)	80
	Startup Time (RR Hot†, Minutes)	35

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



90 MW
SIMPLE CYCLE OUTPUT

140 MW
1X1 COMBINED CYCLE OUTPUT

283 MW
2X1 COMBINED CYCLE OUTPUT

>52%
COMBINED CYCLE EFFICIENCY

60
HZ

When reliability and availability are critical, customers turn to GE Vernova's 7E gas turbine. Whether providing raw horsepower to drive industrial and petrochemical processes, or steady, reliable output for CHP operation, the 7E helps deliver. Known for its world-leading fuel handling equipment and combustion system options, the 7E includes tri-fuel capability, which allows fuel switching while running or shutdown.

Up to 100% Hydrogen (H_2) Capability

TO LEARN MORE ABOUT THIS OFFERING, CONTACT YOUR SALES REPRESENTATIVE OR VISIT

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