

# 9F

## HEAVY DUTY GAS TURBINE

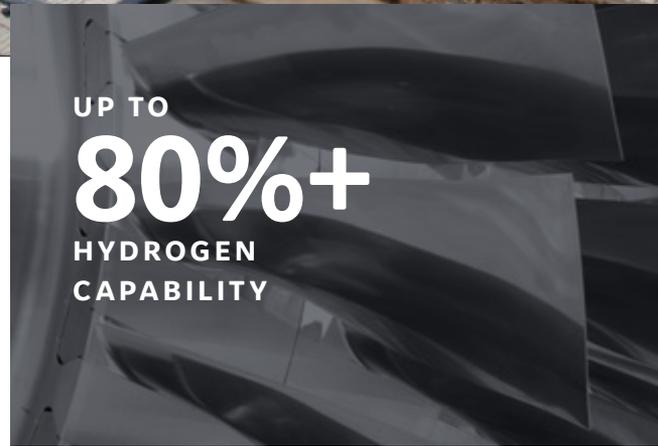
50 Hz



**288 MW** SIMPLE CYCLE OUTPUT

**>60%** COMBINED CYCLE EFFICIENCY

THE 9F.04 HEAVY DUTY GAS TURBINE PROVIDES COMBINED CYCLE EFFICIENCY OF MORE THAN 60% WITH LOW 15 PPM NOx EMISSIONS.



	9F.04	
SC PLANT PERFORMANCE	SC Net Output (MW)	288
	SC Net Heat Rate (Btu/kWh, LHV)	8,810
	SC Net Heat Rate (kJ/kWh, LHV)	9,295
	SC Net Efficiency (% LHV)	38.7%
1X CC PLANT PERFORMANCE	CC Net Output (MW)	443
	CC Net Heat Rate (Btu/kWh, LHV)	5,666
	CC Net Heat Rate (kJ/kWh, LHV)	5,978
	CC Net Efficiency (% LHV)	60.2%
	Plant Turndown - Minimum Load (%)	48.0%
	Ramp Rate (MW/min)	22
2X CC PLANT PERFORMANCE	Startup Time (RR Hot†, Minutes)	30
	CC Net Output (MW)	889
	CC Net Heat Rate (Btu/kWh, LHV)	5,649
	CC Net Heat Rate (kJ/kWh, LHV)	5,960
	CC Net Efficiency (% LHV)	60.4%
	Plant Turndown - Minimum Load (%)	22.0%
	Ramp Rate (MW/min)	44
Startup Time (RR Hot†, Minutes)	39	

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

With over 450 units deployed to more than 40 countries, GE has the largest operating and most experienced 50 Hz F-Class fleet in the world. Our 9F gas turbine delivers consistent performance and accommodates a diverse range of fuels, making it ideal for a variety of combined cycle and CHP applications. The simple and robust air-cooled architecture is designed for longer parts durability and extended service inspection intervals, making the 9F an ideal choice for life-cycle value.

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GEA32929B (04/2022)