



7HA.03 POWER PLANTS

430 MW
SIMPLE CYCLE OUTPUT

>64%
COMBINED CYCLE EFFICIENCY



CAPABILITY

75 MW/minute ramping capability within emissions compliance



VERSATILITY

Turndown 2x1 plant load to about 15% of baseload while maintaining emissions compliance



SUSTAINABILITY

Simplified dual fuel system uses less water and eliminates recirculation

Whether your plant operates at baseload, load follows, or operates as a peaking unit, you can count on GE's 7HA.03 gas turbine to deliver world class performance. Its industry-leading operational flexibility enables increased dispatch and ancillary revenue while fuel flexibility accommodates a wide range of gaseous fuels (shale gas, high ethane, H₂) and liquid fuels (#2 diesel, crude oils). The 7HA combined cycle plant ramps up to full load in less than 30 minutes and features a novel configuration that supports simplified installation and maintenance.

www.ge.com/power/7HA03

		7HA.03
SC Plant Performance	SC Net Output (MW)	430
	SC Net Heat Rate (Btu/kWh, LHV)	7,897
	SC Net Heat Rate (kJ/kWh, LHV)	8,332
	SC Net Efficiency (% , LHV)	43.2%
1x CC Plant Performance	CC Net Output (MW)	640
	CC Net Heat Rate (Btu/kWh, LHV)	5,342
	CC Net Heat Rate (kJ/kWh, LHV)	5,636
	CC Net Efficiency (% , LHV)	63.9%
	Plant Turndown - Minimum Load (%)	33.0%
	Ramp Rate (MW/min)	75
2x CC Plant Performance	Startup Time (RR Hot, Minutes)	<30
	CC Net Output (MW)	1,282
	CC Net Heat Rate (Btu/kWh, LHV)	5,331
	CC Net Heat Rate (kJ/kWh, LHV)	5,624
	CC Net Efficiency (% , LHV)	64.0%
	Plant Turndown - Minimum Load (%)	15.0%
	Ramp Rate (MW/min)	150
Startup Time (RR Hot, Minutes)	<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.

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