



9HA POWER PLANTS

446-571 MW
SIMPLE CYCLE OUTPUT

>64%
COMBINED CYCLE EFFICIENCY



CAPABILITY

Outstanding grid capability with fast plant response suitable for interconnected grid or captive power plant applications



VERSATILITY

Wide gas variability, including high ethane (shale) gas and LNG



SUSTAINABILITY

Lowest air emissions (NO_x, CO₂) across all forms of fossil fuel-based power generation

Marrying sheer power with record-breaking efficiency, the 9HA gas turbine delivers a validated, all around solution for demanding customer economics. It offers the most cost-effective conversion of fuel to electricity as well as industry-leading operational flexibility for increased dispatch and ancillary revenue. Streamlined maintenance completes the offering, creating an ideal solution to meet increasingly dynamic power demands across a range of applications.

		9HA.01	9HA.02
SC Plant Performance	SC Net Output (MW)	446	571
	SC Net Heat Rate (Btu/kWh, LHV)	7,910	7,773
	SC Net Heat Rate (kJ/kWh, LHV)	8,346	8,201
	SC Net Efficiency (% , LHV)	43.1%	43.9%
1x CC Plant Performance	CC Net Output (MW)	661	838
	CC Net Heat Rate (Btu/kWh, LHV)	5,378	5,320
	CC Net Heat Rate (kJ/kWh, LHV)	5,674	5,613
	CC Net Efficiency (% , LHV)	63.5%	64.1%
	Plant Turndown – Minimum Load (%)	33.0%	33.0%
	Ramp Rate (MW/min)	65	88
2x CC Plant Performance	Startup Time (RR Hot, Minutes)	<30	<30
	CC Net Output (MW)	1,324	1,680
	CC Net Heat Rate (Btu/kWh, LHV)	5,369	5,306
	CC Net Heat Rate (kJ/kWh, LHV)	5,664	5,598
	CC Net Efficiency (% , LHV)	63.6%	64.3%
	Plant Turndown – Minimum Load (%)	15.0%	15.0%
	Ramp Rate (MW/min)	130	176
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.