



6B POWER PLANTS

44 MW
SIMPLE CYCLE OUTPUT

>51%
COMBINED CYCLE EFFICIENCY



CAPABILITY

High quantity of steam with pressure of up to 110 bar for industrial steam without supplementary firing



VERSATILITY

Operates on a broad range of fuels: process/low-calorie gases; 95% hydrogen; heavy fuel oil up to 200 ppm vanadium



SUSTAINABILITY

Ultra low NO_x technology allows operation on a blend of gases and 4 ppm NO_x on natural gas with an allowable +/-30% MWI variation

Rugged, versatile, and reliable is the best way to describe plants utilizing GE's 6B.03 gas turbine. The turbine can ramp to 20 MW in less than five seconds and accommodate non-standard fuels in cogeneration and industrial power generation operations. Capable of black starts on volatile grid environments, the 6B.03 remains a preferred solution for remote installations and extreme operating conditions. Pre-installed gas turbine packaging means easier transport and faster site installation—as quick as six months from order to operation.

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		6B.03
SC Plant Performance	SC Net Output (MW)	44
	SC Net Heat Rate (Btu/kWh, LHV)	10,180
	SC Net Heat Rate (kJ/kWh, LHV)	10,741
	SC Net Efficiency (% , LHV)	33.5%
1x CC Plant Performance	CC Net Output (MW)	68
	CC Net Heat Rate (Btu/kWh, LHV)	6,614
	CC Net Heat Rate (kJ/kWh, LHV)	6,978
	CC Net Efficiency (% , LHV)	51.6%
	Plant Turndown – Minimum Load (%)	41.0%
	Ramp Rate (MW/min)	20
2x CC Plant Performance	Startup Time (RR Hot, Minutes)	30
	CC Net Output (MW)	137
	CC Net Heat Rate (Btu/kWh, LHV)	6,551
	CC Net Heat Rate (kJ/kWh, LHV)	6,912
	CC Net Efficiency (% , LHV)	52.1%
	Plant Turndown – Minimum Load (%)	20.0%
Ramp Rate (MW/min)	40	
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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