45 MW SIMPLE CYCLE OUTPUT

EAVY

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60_H

>51% COMBINED CYCLE EFFICIENCY

THE 6B OPERATES ON A WIDE RANGE OF GASEOUS AND LIQUID FUELS, INCLUDING UP TO 100% HYDROGEN, ALLOWING FOR USE OF THE MOST ECONOMICAL AND CARBON-SENSITIVE FUELS AVAILABLE.

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| | | 6B.03 |
|----------------------------|--|--------|
| SC PLANT PERFORMANCE | SC Net Output (MW) | 45 |
| | SC Net Heat Rate (Btu/kWh, LHV) | 10,216 |
| | SC Net Heat Rate (kJ/kWh, LHV) | 10,779 |
| | SC Net Efficiency (%, LHV) | 33.4% |
| 1X CC PLANT PERFORMANCE | CC Net Output (MW) | 70 |
| | CC Net Heat Rate (Btu/kWh, LHV) | 6,578 |
| | CC Net Heat Rate (kJ/kWh, LHV) | 6,940 |
| | CC Net Efficiency (%, LHV) | 51.9% |
| | Plant Turndown – Minimum Load (%) | 41.0% |
| | Ramp Rate (MW/min) | 20 |
| | Startup Time (RR Hot ⁺ , Minutes) | 30 |
| 2X CC PLANT PERFORMANCE | CC Net Output (MW) | 141 |
| | CC Net Heat Rate (Btu/kWh, LHV) | 6,515 |
| | CC Net Heat Rate (kJ/kWh, LHV) | 6,874 |
| | CC Net Efficiency (%, LHV) | 52.4% |
| | Plant Turndown – Minimum Load (%) | 20.0% |
| | Ramp Rate (MW/min) | 40 |
| | Startup Time (RR Hot ⁺ , Minutes) | 30 |

UP TO **100%** HYDROGEN CAPABILITY

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 minutes and accommodate nearly every nonstandard fuel in cogeneration and industrial power operations. Capable of black starts on volatile grid environments, the 6B.03 remains a preferred solution for remote installation and extreme operation conditions. Pre-installed gas turbine packaging means easier transport and faster site installation—as quick as six months from order to operation. GE has built more than 1,100 6B units, and the platform has exceeded 90 million running hours.

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

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