



# 9E&GT13E2 POWER PLANTS

**132-210 MW**  
SIMPLE CYCLE OUTPUT

**>55%**  
COMBINED CYCLE EFFICIENCY



### CAPABILITY

Burns more than 50 types of fuels; operates in ambient conditions ranging from -40°F to 120°F



### VERSATILITY

Capable of order to operation in less than six months



### SUSTAINABILITY

World Bank-compliant, including dual fuel heavy fuel oil plants

Whether meeting peak loads, providing baseload heat and power, or driving industrial processes, GE's 9E/GT13E2 heavy duty gas turbines deliver power and performance while maintaining the simplicity and operational strengths expected of the E-class fleet. GE's 9E/13E2 power plants operate in the most rugged conditions, from arctic cold to extreme desert heat, and burn a wide range of fuels, from syngas to propane to crude oil. The 9E.04 delivers more power and performance with a new 4-stage turbine, while the GT13E2 offers a flexible extended maintenance concept that reduces operating costs while saving fuel.

		9E.03	9E.04	GT13E2
SC Plant Performance	SC Net Output (MW)	132	145	210
	SC Net Heat Rate (Btu/kWh, LHV)	9,860	9,210	8,980
	SC Net Heat Rate (kJ/kWh, LHV)	10,403	9,717	9,474
	SC Net Efficiency (% , LHV)	34.6%	37.0%	38.0%
1x CC Plant Performance	CC Net Output (MW)	204	216	305
	CC Net Heat Rate (Btu/kWh, LHV)	6,399	6,220	6,189
	CC Net Heat Rate (kJ/kWh, LHV)	6,751	6,563	6,530
	CC Net Efficiency (% , LHV)	53.3%	54.9%	55.1%
	Plant Turndown - Minimum Load (%)	45.0%	46.0%	39.0%
	Ramp Rate (MW/min)	50	16	14
Startup Time (RR Hot, Minutes)	38	38	30	
2x CC Plant Performance	CC Net Output (MW)	410	436	613
	CC Net Heat Rate (Btu/kWh, LHV)	6,353	6,180	6,153
	CC Net Heat Rate (kJ/kWh, LHV)	6,703	6,520	6,492
	CC Net Efficiency (% , LHV)	53.7%	55.2%	55.5%
	Plant Turndown - Minimum Load (%)	22.0%	22.0%	19.0%
	Ramp Rate (MW/min)	100	25	28
Startup Time (RR Hot, Minutes)	38	38	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.