

Industrial gas turbine SGT-400



	Power Generation		Mechanical Drive	
Power	10.5 MW	12.9 MW	14.3 MW	14.9 MW (20,024 hp)
Gross efficiency	35.4%	34.8%	35.6%	37.1%
Heat rate	10,173 kJ/kWh (9,638 Btu/kWh)	10,354 kJ/kWh (9,810 Btu/kWh)	10,103 kJ/kWh (9,572 Btu/kWh)	9,702 kJ/kWh (6,837 Btu/hph)
Turbine speed	11,500 rpm	9,500 rpm	9,500 rpm	4,750/9,975 rpm
Pressure ratio	16.1:1	16.9:1	18.5:1	16.9:1
Exhaust mass flow	34.2 kg/s (75.4 lb/s)	40.0 kg/s (88.2 lb/s)	44.5 kg/s (98.1 lb/s)	44.5 kg/s (98.1 lb/s)
	510°C (950°F)	555°C (1,031°F)	529°C (984°F)	543°C (1,009°F)

