



## Industrial gas turbine SGT-750

### Power generation: 38.1 MW(e)

Gross efficiency: 40.2%  
Heat rate: 8,953 kJ/kWh (8,486 btu/kWh)  
Turbine speed: 6,100 rpm  
Pressure ratio: 23.8:1  
Exhaust mass flow: 113.8 kg/s (250.9 lb/s)  
Exhaust temperature: 458°C

### Mechanical drive: 39.3 MW

Gross efficiency: 41.5%  
Heat rate: 8,685 kJ/kWh (8,232 btu/kWh)  
Turbine speed: 3,050–6,405 rpm  
Pressure ratio: 23.8:1  
Exhaust mass flow: 113.8 kg/s (250.9 lb/s)  
Exhaust temperature: 458°C