

Heavy-duty gas turbines

The Siemens gas turbine range has been designed and tailored to help meet our customers' challenges in a dynamic market environment.

Our models range from 5 to 593 MW, fulfilling the requirements of a wide spectrum of applications in terms of efficiency, reliability, flexibility, and environmental compatibility. The products offer low lifecycle costs and an excellent return on investment.

Siemens heavy-duty gas turbines are robust and flexible engines, designed for large simple or combined cycle power plants. They are suitable for peak, intermediate, or base load duty, as well as for cogeneration applications.

Customers benefit from our extensive validation and testing capabilities.

Our engines are proven in commercial operation and provide outstanding efficiency.

Gas turbines in the range of

100–600 MW

60 Hz

SGT6-2000E [117 MW]

SGT6-5000F [215 to 260 MW]

SGT6-8000H [310 MW]

SGT6-9000HL [405 MW]

50 Hz

SGT5-2000E [187 MW]

SGT5-4000F [329 MW]

SGT5-8000H [450 MW]

SGT5-8000HL [481 MW]

SGT5-9000HL [593 MW]

Power generation / Mechanical drive,
performance at ISO conditions

All simple cycle and mechanical drive performance data in this document are gross values at ISO ambient conditions. All combined cycle performance data in this document are net values at ISO ambient conditions