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We power the world with innovative gas turbines

Siemens gas turbine portfolio

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Gas turbines from 4 to 425 MW

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 4 to 425 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.

Click for overview ❯

SGT-100 packages for power generation

Siemens gas turbines overview

For more information, please click on a product name

[Power generation in MW(e) / mechanical drive in MW]

Heavy-duty gas turbines

Industrial gas turbines

Aeroderivative gas turbines

SGT-A05 AE [4 to 7 MW]
(Industrial 501-K)

SGT-100 [5/6 MW]

SGT-300 [8/8 to 9 MW]

SGT-400 [13 to 14/13 to 15 MW]

SGT-600 [24/25 MW]

SGT-A30 RB
SGT-A35 RB [27 to 33/28 to 34 MW]
(Industrial RB211)

SGT-700 [33/34 MW]

SGT-750 [40/41 MW]

SGT-800 [48 to 54 MW]

SGT-A60 TR [53 to 66/54 to 62 MW]
(Industrial Trent 60)

SGT6-2000E [117 MW]
SGT6-5000F [250 MW]
SGT6-8000H [310 MW]

60 Hz

SGT5-2000E [187 MW]
SGT5-4000F [329 MW]
SGT5-8000H [425 MW]

50 Hz

50 Hz or 60 Hz

Gas turbines in the range of
0 – 15 MW

Gas turbines in the range of
15 – 100 MW

Gas turbines in the range of
100 – 425 MW

Introduction

General note:
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, assuming 50 mbar condenser pressure.

References

The **SGT5-8000H** offers outstanding performance and high flexibility. With a gross power output of **425 MW**, it is one of the **most powerful gas turbines** worldwide.

The turbine is the core component of highly efficient gas-fired power plants, designed for 630 MW at 61% efficiency in combined cycle operation.

With more than **350,000 fired hours**, the SGT-8000H series provides mature technology with verified reliability and availability.

- Outstanding performance
- High flexibility, short start-up times
- Proven in commercial operations

The SGT5-8000H achieves a world-class efficiency of 61% in combined cycle operations

Technical data sheet | Key features

Düsseldorf Lausward, Germany

SGT5-8000H

Heavy-duty gas turbine

Power output: 425 MW

Power generation

Frequency	50 Hz
Gross efficiency	>40%
Exhaust temperature	640° C (1,184° F)

The **SGT6-8000H** offers outstanding performance and high flexibility. The air-cooled turbine with a gross power output of **310 MW** is designed for simple combined cycle integration and short start-up times.

The turbine is the core component of highly efficient gas-fired power plants, designed for 460 MW at 61% efficiency in combined cycle operation.

With more than **350,000 fired hours**, the SGT-8000H series provides mature technology with verified reliability and availability.

- Outstanding performance
- High flexibility, short start-up times
- Proven in commercial operations

The SGT6-8000H achieves a world-class efficiency of 61% in combined cycle operations

Technical data sheet | Key features

Dangjin 3, South Korea

SGT6-8000H

Heavy-duty gas turbine

Power output: 310 MW

Power generation

Frequency	60 Hz
Gross efficiency	>40%
Exhaust temperature	645° C (1,193° F)

The proven **SGT5-4000F** gas turbine has a **robust design** with internal cooling air passages for **trusted long-term operation** and **fast start-up capability**. The advanced annular combustion chamber with individually replaceable heat shields allows for **easy and fast** walk-in **maintenance**. Hydraulic Clearance Optimization (HCO) reduces clearance losses to increase the gas turbine efficiency and minimize degradation at start-up and shut down.

Today, around **350 turbines** have been **sold**. The installed fleet has accumulated an impressive fleet experience of over **13 million equivalent operating hours**, and a fleet **reliability** of more than **99%**.

- Proven design, large fleet experience
- Easy maintenance, high availability
- High operational flexibility

The SGT5-4000F is a well-proven 50 Hz gas turbine with an outstanding reliability and availability

Technical data sheet | Key features

Al Taweelah, United Arab Emirates

SGT5-4000F

Heavy-duty gas turbine

Power output: 329 MW

Power generation

Frequency	50 Hz
Gross efficiency	40.7%
Exhaust temperature	600° C (1,112° F)

The **SGT6-5000F** gas turbine offers economical power generation with fast start-up for peak, intermediate, or base load duty. It achieves peak values for reliability and continuous operation with **highest performance values in its class**.

Today, more than **380 turbines** have been **sold**. The installed fleet has accumulated more than **13 million equivalent operating hours**, with a fleet **reliability** of over **99%**.

- Highest power output for 60 Hz F-class
- Fast start-up and load changing capabilities
- Low emissions with an NO_x emission of ≤9 ppmvd on gas and ≤25 ppmvd on oil

The SGT6-5000F offers world-class reliability and best-in-class emission values

Technical data sheet | Key features

La Caridad, Sonora, Mexico

SGT6-5000F

Heavy-duty gas turbine

Power output: 250 MW

Power generation

Frequency	60 Hz
Gross efficiency	39.3%
Exhaust temperature	598° C (1,108° F)

The **SGT5-2000E** gas turbine is a **proven, robust** engine for the 50 Hz market which is used in simple cycle or combined cycle processes with or without combined heat and power. It is suitable for **all load ranges**, including peak load.

The SGT5-2000E offers outstanding **fuel flexibility**. It can be fired with low calorific gases or gases containing CO_2, H_2S and N_2, as well as with crude oil and other liquid fuels with high viscosity. It provides **low NO_x emissions**, even in the part-load range.

Today, around **300 turbines** have been sold, and additionally, more than **200 units** under license. Our installed fleet has accumulated over **17 million equivalent operating hours**. The SGT-2000E series fleet´s overall best-in-class reliability exceeds **99.5%**.

- Best-in-class reliability
- High operational and fuel flexibility
- Easy maintenance

Best-in-class reliable technology; robust and flexible performance

Az-Zour, Kuwait

Technical data sheet

Key features

SGT5-2000E

Heavy-duty gas turbine

Power output: 187 MW

Power generation

Frequency	50 Hz
Gross efficiency	36.2%
Exhaust temperature	536° C (997° F)

The **SGT6-2000E** gas turbine is a **proven, robust** engine for the 60 Hz market which is used in simple cycle or combined cycle processes with or without combined heat and power supply. It is suitable for all load ranges, including peak load.

The SGT6-2000E offers outstanding **fuel flexibility**. It can be fired with low calorific gases or gases containing CO_2, H_2S and N_2, as well as with crude oil and other liquid fuels with high viscosity. It provides **low NO_x emissions**, even in the part-load range.

Today, more than **100 turbines** have been sold, resulting in a fleet experience of nearly **7 million equivalent operating hours**. The SGT-2000E series fleet´s overall best-in-class reliability constantly exceeds **99.5%**.

- Best-in-class reliability
- High operational and fuel flexibility
- Easy maintenance

Best-in-class reliable technology; robust and flexible performance

Charles D. Lamb Energy Center, Oklahoma, USA

Technical data sheet | Key features

SGT6-2000E

Heavy-duty gas turbine

Power output: 117 MW

Power generation

Frequency	60 Hz
Gross efficiency	35.2%
Exhaust temperature	532° C (990° F)

The SGT-800 industrial gas turbine offers broad flexibility in fuels, operating conditions, maintenance concepts, package solutions, and ratings.

The excellent efficiency and steam-raising capability make it outstanding in cogeneration and combined cycle installations. The SGT-800-based power plant, designed for flexible operation, is perfectly suited as grid support.

The SGT-800 combines a simple, robust design, for high reliability and easy maintenance, with high efficiency and low emissions.

With more than 300 units sold and over 4 million equivalent operating hours, the SGT-800 is an excellent choice for for industrial or oil and gas applications.

- Proven reliability
- Flexible solutions
- Excellent performance

SGT-800 core engine is available in three ratings with standard options for hot and cold climates

SGT-800 packages at the Amata B.Grimm Power Plant, Amata

Technical data sheet

SGT-800

Industrial gas turbine

Power generation: 47.5 – 54.0 MW(e)

Power generation

Frequency	50/60 Hz
Gross efficiency	37.7 – 39.1%
Exhaust temperature	541 – 563° C (1,007 – 1,045° F)
Exhaust mass flow	132.8 – 135.5 kg/s

SCC-800 2x1 combined cycle power plant

Net plant output	135.4 – 153.7 MW(e)
Net plant efficiency	54.7 – 56.7%

With **maximized uptime**, **top-class performance**, and a **low environmental footprint** offering the customer high lifetime profitability, the **SGT-750** industrial gas turbine is a perfect choice for the oil and gas industry as well as industrial power generation.

The modular and flexible engine enables onshore or offshore applications, mechanical drive or heat and power. It combines a robust, reliable design with high efficiency and low emissions.

The SGT-750 has a track record of **successful performance** after years in operation and verified results in various applications. Units are sold for use in both power generation and compressor applications such as pipelines and liquefied natural gas (LNG).

- Maximized uptime
- High efficiency
- Low emissions

SGT-750 core engine with a free high-speed power turbine

Technical data sheet

SGT-750 combined heat and power plant in Altamira, Mexico

SGT-750

Industrial gas turbine

Power generation: 39.8 MW(e)
Mechanical drive: 41.0 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	40.3%
Exhaust temperature	468° C (875° F)
Exhaust mass flow	115.4 kg/s

Mechanical drive applications

Efficiency	41.6%
Exhaust temperature	468° C (875° F)
Exhaust mass flow	115.4 kg/s

Thanks to its wide fuel range capability and design features, the **SGT-700** is a perfect choice for several onshore applications: Industrial power generation, oil and gas power generation, and mechanical drive applications.

It performs well in **combined cycle plants**, and **combined heat and power plants**.

The SGT-700 gas turbine is an evolution of the proven SGT-600 and is specifically designed for **higher power output**. It offers **easy on-site or off-site maintenance**, and operates with a wide range of gaseous and liquid fuels on Dry Low Emission (DLE).

About **80 units** have been sold with **1.7 million equivalent operating hours** and more than 90,000 EOHs for the fleet-leading gas turbine.

- Robust, reliable design
- High fuel flexibility
- Low emissions

Maintainable, reliable, and robust twin-shaft design for mechanical drive and power generation

Three SGT-700 packages for mechanical drive

Technical data sheet

SGT-700

Industrial gas turbine

Power generation: 32.8 MW(e)
Mechanical drive: 33.7 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	37.2%
Exhaust temperature	533° C (991° F)
Exhaust mass flow	95.0 kg/s

Mechanical drive applications

Efficiency	38.2%
Exhaust temperature	533° C (991° F)
Exhaust mass flow	95.0 kg/s

High reliability and availability in combination with good fuel flexibility and third-generation DLE makes the **SGT-600** a perfect choice for several onshore applications: Industrial power generation, oil and gas power generation, and mechanical drive applications. Within the IPG applications, the turbine performs well in **combined heat and power plants**, and **combined cycle plants**.

The industrial gas turbine combines a robust, reliable design with **high fuel flexibility**, and **low emissions**.

More than **330 units** have been sold with over **9 million equivalent operating hours**, and 185,000 equivalent operating hours for the fleet-leading gas turbine.

- Robust, reliable design
- High fuel flexibility
- Low emissions

Maintainable, reliable, and robust twin-shaft design for mechanical drive and power generation

Technical data sheet

SGT-600 installation for both mechanical drive and power generation

SGT-600

Industrial gas turbine

Power generation: 24.5 MW(e)
Mechanical drive: 25.2 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	33.6%
Exhaust temperature	543° C (1,009° F)
Exhaust mass flow	81.3 kg/s

Mechanical drive applications

Efficiency	34.6%
Exhaust temperature	543° C (1,009° F)
Exhaust mass flow	81.3 kg/s

The **SGT-400** is a twin-shaft gas turbine available in two different power ratings for both power generation and mechanical drive applications.

The twin-shaft arrangement allows for commonality of parts in mixed-duty installations.

The gas turbine offers the **highest efficiency** in its power class, incorporating the latest aerodynamic and combustion technologies.

With over 15 years of operating experience, the SGT-400 is proven in both offshore and onshore applications. Over **350 units** have been sold with more than **3.2 million hours operating experience**. The fleet leader has accumulated more than 200,000 equivalent operating hours.

- Latest aerodynamic and combustion technology
- Suitable for all climates, onshore and offshore
- High power-to-weight ratio

Twin-shaft design for both power generation and mechanical drive applications

Technical data sheet

The SGT-400 is available as a factory-assembled package

SGT-400

Industrial gas turbine

Power generation: 12.9/14.3 MW(e)
Mechanical drive: 13.4/14.9 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	34.8 – 35.4%
Exhaust temperature	540 – 555° C (1,004 – 1,031° F)
Exhaust mass flow	39.4 – 44.0 kg/s

Mechanical drive applications

Efficiency	36.2 – 36.8%
Exhaust temperature	540 – 555° C (1,004 – 1,031° F)
Exhaust mass flow	39.4 kg/s – 44.0 kg/s

The **SGT-300** industrial gas turbine has a rugged industrial design that enables **high efficiency**, **reliability**, and **excellent emissions performance** in a broad spectrum of applications for both power generation and mechanical drive.

The gas turbine is a **proven** unit for all electrical power generation and cogeneration applications. It operates on a wide range of gaseous and liquid fuels. The compact arrangement, on-site or off-site maintainability, and inherent reliability of the SGT-300 make it an ideal gas turbine for the demanding oil and gas industry.

Over **150 units** have been sold, with more than **5.6 million equivalent operating hours**.

- Low maintenance requirements
- Low emissions
- Single-shaft version for power generation, twin-shaft version for mechancial drive applications

Robust, reliable, maintainable single-shaft version for power generation applications

The SGT-300 twin-shaft version is used for mechanical drive

Technical data sheet

SGT-300

Industrial gas turbine

Power generation: 7.9 MW(e)
Mechanical drive: 8.4/9.2 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	30.6%
Exhaust temperature	542° C (1,008° F)
Exhaust mass flow	30.2 kg/s

Mechanical drive applications

Efficiency	35.1 – 35.6%
Exhaust temperature	491 – 512° C (916 – 954° F)
Exhaust mass flow	29.7 – 30.5 kg/s

The SGT-100 industrial gas turbine is a proven unit for all electrical power generation and mechanical drive applications. The compact arrangement, on-site or off-site maintainability, and inherent reliability makes it an ideal gas turbine for the demanding oil and gas industry.

The gas turbine has a rugged industrial design that enables high efficiency and excellent emissions performance on a wide range of gaseous and liquid fuels.

More than 410 units have been sold with more than 25 million operating hours. The lead package has over 180,000 equivalent hours of operation.

- Robust and reliable product
- Wide range of gaseous and liquid fuels
- Single-shaft version for power generation or twin-shaft version for mechanical drive applications

Robust, reliable, maintainable single-shaft design for power generation applications

The SGT-100 combines advanced technology with robust construction

Technical data sheet

SGT-100

Industrial gas turbine

Power generation: 5.05/5.4 MW(e)
Mechanical drive: 5.7 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	30.2 – 31.0%
Exhaust temperature	531 – 545° C (988 –1,013° F)
Exhaust mass flow	19.5 – 20.6 kg/s

Mechanical drive applications

Efficiency	32.9%
Exhaust temperature	543° C (1,009° F)
Exhaust mass flow	19.7 kg/s

Designed for industrial use in power generation and mechanical drive applications, the **SGT-A60 TR** has established a new benchmark for power output, fuel economy, and cost savings.

The gas turbine is **highly flexible**, offering high power and efficiency with minimal drop-off at part-load and reduced speed conditions. It is available with **Wet Low Emission** (WLE) and **DLE** combustion systems.

The SGT-A60 TR is **proven in many different environments** and applications.

More than **100 units** have been sold with more than **1.1 million equivalent operating hours**. The fleet leader has accumulated more than 110,000 EOHs.

- Most powerful, pure aeroderivative gas turbine in its class
- Flexible with high cyclic life and fast starts
- Modular package design to allow for quick installation and maintenance in the field

The SGT-A60 TR can cold-start to full power in under 10 minutes and additionally has high cyclic life

Technical data sheet

SGT-A60 TR units for power generation

SGT-A60 TR

(Industrial Trent 60)
Aeroderivative gas turbine

Power generation: 53.1 – 66.0 MW(e)
Mechanical drive: 54.2 – 61.8 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	41.1 – 43.4%
Exhaust temperature	416 – 433 °C (781 – 811 °F)
Exhaust mass flow	155 – 180 kg/s

Mechanical drive applications

Efficiency	41.9 – 43.6%
Exhaust temperature	428 – 431 °C (802 – 807 °F)
Exhaust mass flow	154.4 – 164.2 kg/s

With class-leading reliability and availability, the **SGT-A30 RB and SGT-A35 RB** are proven, dependable choices in power generation and mechanical drive applications. They are qualified to meet the stringent standards of the oil and gas industry in both onshore and offshore service.

The aeroderivative gas generator is highly tolerant of transient excursions and challenging mission cycles, and can be easily exchanged at site, reducing maintenance downtime and cost. Both conventional and DLE combustion systems are available, including dual fuel capability.

In a **40-year evolution**, the SGT-A30 RB and SGT-A35 RB have accumulated over **36 million equivalent operating hours**, with over **750 units sold**.

- Proven track record in the oil and gas industry
- Several variants to meet different power needs
- Lightweight, compact, modular package design to maximize power density

The SGT-A35 RB is a two-spool gas generator aerodynamically coupled to a free power turbine

Two SGT-A35 RB (Industrial RB211-GT30) packages on an FPSO vessel

Technical data sheet

SGT-A30 RB / SGT-A35 RB

(Industrial RB211)
Aeroderivative gas turbine

Power generation: 27.2 – 33.2 MW(e)
Mechanical drive: 27.9 – 33.8 MW

Power generation

Frequency	50/60 Hz
Gross efficiency	36.4 – 39.3%
Exhaust temperature	501 – 509° C (934 – 949° F)
Exhaust mass flow	91.0 – 99.8 kg/s

Mechanical drive applications

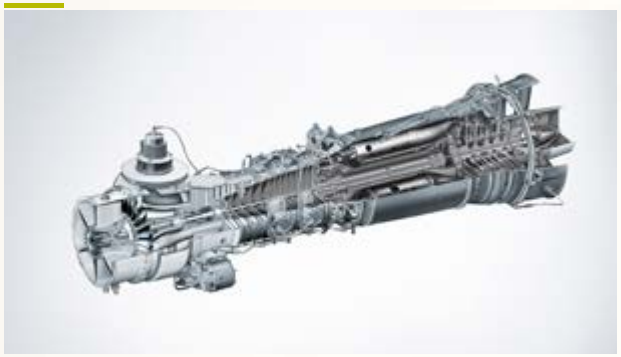
Efficiency	37.3 – 40.4%
Exhaust temperature	500 – 509° C (932 – 949° F)
Exhaust mass flow	91.0 – 99.3 kg/s

Based on proven aeroderivative design, the **SGT-A05 AE** delivers high efficiency and outstanding reliability for power generation applications like cogeneration and emergency power. The gas turbine offers rugged, easy-to-maintain performance due to features such as on-engine mounted auxiliary equipment.

The gas turbine engine is designed to operate on a **wide variety of fuels**. The fuel system operations include dual fuel, steam, and water injection. DLE technology is also available.

The SGT-A05 AE has accumulated **over 110 million hours of operation** with more than 500 customers in 53 countries.

- More than 1,600 gas turbines supplied
- Full power available within 60 seconds
- High electrical and cycle efficiency



The SGT-A05 AE has black start and hot start capability. Full power is available within 60 seconds

Technical data sheet

Power station at Mitchelstown, Ireland

SGT-A05 AE

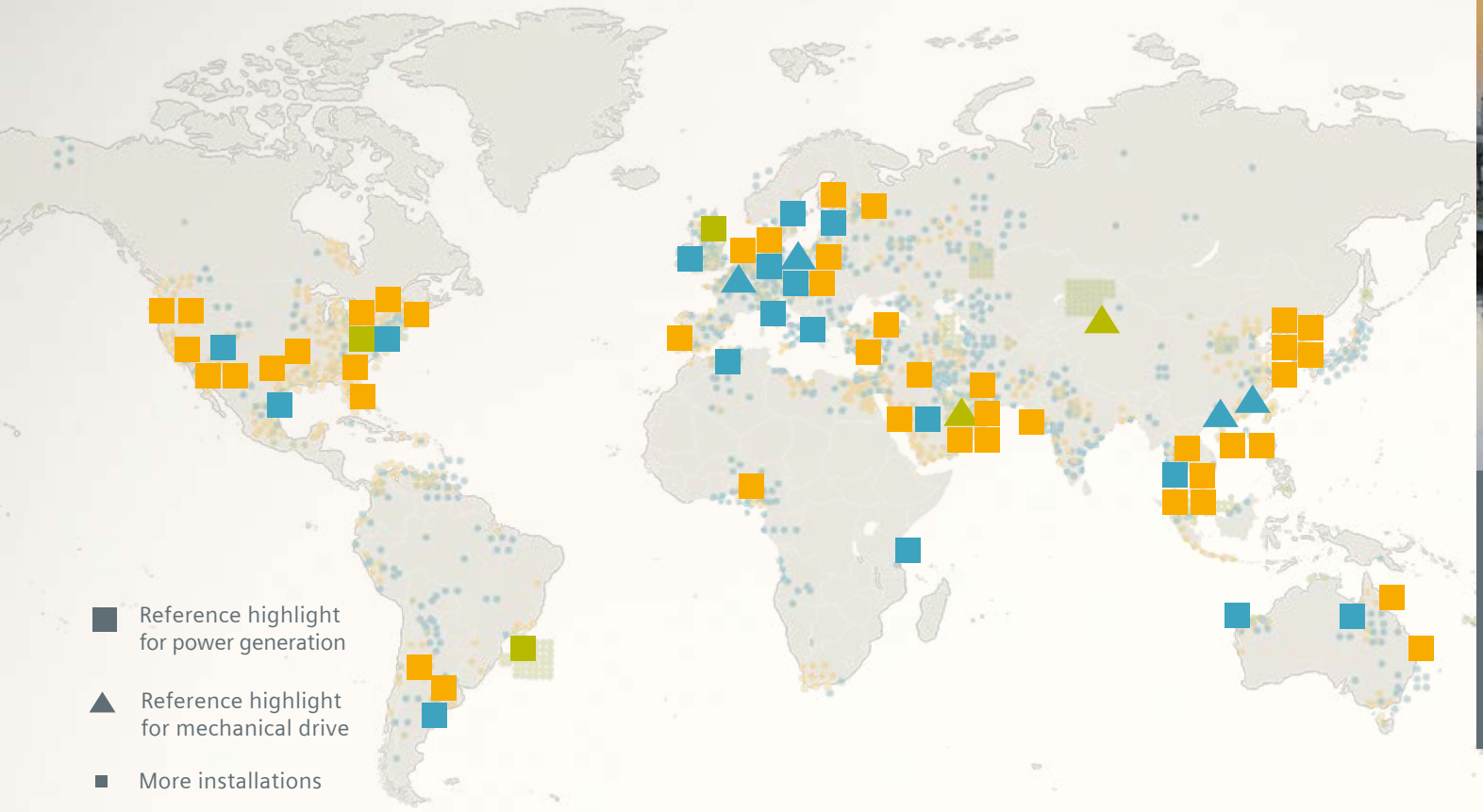
(Industrial 501-K)
Aeroderivative gas turbine

Power generation: 4.0 – 6.6 MW(e)

Power generation

Frequency	50/60 Hz
Gross efficiency	29.7 – 41.2%
Exhaust temperature	494 – 560° C (921 – 1,040° F)
Exhaust mass flow	15.4 – 21.3 kg/s

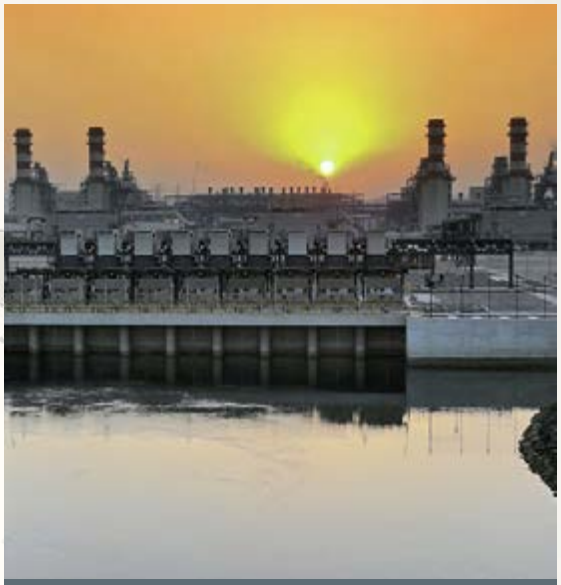
References



Reference highlight for power generation

Reference highlight for mechanical drive

More installations



Siemens gas turbines are operating in more than 60 countries.

We provide proven technology with over 6,900 installed heavy-duty, industrial and aeroderivative gas turbines.

Show all highlights

or choose your turbine:

SGT5-8000H	SGT6-5000F	SGT-800	SGT-600	SGT-100	SGT-A60 TR (Industrial Trent 60)
SGT6-8000H	SGT5-2000E	SGT-750	SGT-400		SGT-A30 RB/SGT-A35 RB (Industrial RB211)
SGT5-4000F	SGT6-2000E	SGT-700	SGT-300		SGT-A05 AE (Industrial 501-K)

Introduction

Gas turbine overview

Performance data overview: Power generation

Power generation (metric units) | Power generation (imperial units) | Mechanical drive (metric units) | Mechanical drive (imperial units)

	Power output	Frequency	Gross efficiency	Heat rate	Turbine speed	Pressure ratio	Exhaust mass flow	Exhaust temperature
SGT5-8000H	425 MW	50 Hz	> 40%	< 9,000 kJ/kWh	3,000 rpm	20.0 : 1	880.0 kg/s	640° C
SGT6-8000H	310 MW	60 Hz	> 40%	< 9,000 kJ/kWh	3,600 rpm	20.0 : 1	650.0 kg/s	645° C
SGT5-4000F	329 MW	50 Hz	40.7%	8,846 kJ/kWh	3,000 rpm	20.0 : 1	725.0 kg/s	600° C
SGT6-5000F	250 MW	60 Hz	39.3%	9,160 kJ/kWh	3,600 rpm	18.9 : 1	588.0 kg/s	598° C
SGT5-2000E	187 MW	50 Hz	36.2%	9,945 kJ/kWh	3,000 rpm	12.8 : 1	558.0 kg/s	536° C
SGT6-2000E	117 MW	60 Hz	35.2%	10,239 kJ/kWh	3,600 rpm	12.0 : 1	368.0 kg/s	532° C
SGT-800 (54.0 MW)	54.0 MW(e)	50/60 Hz	39.1%	9,206 kJ/kWh	6,608 rpm	21.4 : 1	135.5 kg/s	563° C
SGT-800 (50.5 MW)	50.5 MW(e)	50/60 Hz	38.3%	9,389 kJ/kWh	6,608 rpm	21.0 : 1	134.2 kg/s	553° C
SGT-800 (47.5 MW)	47.5 MW(e)	50/60 Hz	37.7%	9,547 kJ/kWh	6,608 rpm	20.1 : 1	132.8 kg/s	541° C
SGT-750	39.8 MW(e)	50/60 Hz	40.3%	8,922 kJ/kWh	6,100 rpm	24.3 : 1	115.4 kg/s	468° C
SGT-700	32.8 MW(e)	50/60 Hz	37.2%	9,675 kJ/kWh	6,500 rpm	18.7 : 1	95.0 kg/s	533° C
SGT-600	24.5 MW(e)	50/60 Hz	33.6%	10,720 kJ/kWh	7,700 rpm	14.0 : 1	81.3 kg/s	543° C
SGT-400 (14 MW)	14.3 MW(e)	50/60 Hz	35.4%	10,178 kJ/kWh	9,500 rpm	18.9 : 1	44.0 kg/s	540° C
SGT-400 (13 MW)	12.9 MW(e)	50/60 Hz	34.8%	10,355 kJ/kWh	9,500 rpm	16.8 : 1	39.4 kg/s	555° C
SGT-300	7.9 MW(e)	50/60 Hz	30.6%	11,773 kJ/kWh	14,010 rpm	13.7 : 1	30.2 kg/s	542° C
SGT-100 (5.4 MW)	5.4 MW(e)	50/60 Hz	31.0%	11,612 kJ/kWh	17,384 rpm	15.6 : 1	20.6 kg/s	531° C
SGT-100 (5.1 MW)	5.1 MW(e)	50/60 Hz	30.2%	11,913 kJ/kWh	17,384 rpm	14.0 : 1	19.5 kg/s	545° C
SGT-A60 TR DLE	53.1 MW(e)	50 Hz	42.0%	8,488 kJ/kWh	3,000 rpm	34.5 : 1	155.0 kg/s	433° C
SGT-A60 TR DLE with ISI	63.5 MW(e)	50 Hz	43.2%	8,322 kJ/kWh	3,000 rpm	37.9 : 1	177.0 kg/s	417° C
SGT-A60 TR DLE	54.0 MW(e)	60 Hz	42.5%	8,465 kJ/kWh	3,600 rpm	33.6 : 1	158.0 kg/s	431° C
SGT-A60 TR DLE with ISI	61.8 MW(e)	60 Hz	43.4%	8,300 kJ/kWh	3,600 rpm	36.2 : 1	168.0 kg/s	421° C
SGT-A60 TR WLE with ISI	66.0 MW(e)	50 Hz	41.5%	8,669 kJ/kWh	3,000 rpm	39.0 : 1	180.0 kg/s	416° C
SGT-A60 TR WLE with ISI	65.7 MW(e)	60 Hz	41.1%	8,760 kJ/kWh	3,600 rpm	38.0 : 1	172.0 kg/s	426° C
SGT-A35 RB 60 Hz	33.2 MW(e)	60 Hz	38.5%	9,362 kJ/kWh	3,600 rpm	22.7 : 1	98.9 kg/s	501° C
SGT-A35 RB 50 Hz	32.2 MW(e)	50 Hz	37.5%	9,611 kJ/kWh	3,000 rpm	22.9 : 1	99.8 kg/s	503° C
SGT-A30 RB (30 MW) DLE	29.8 MW(e)	50/60 Hz	37.5%	9,589 kJ/kWh	4,800 rpm	21.7 : 1	95.0 kg/s	503° C
SGT-A30 RB (27 MW) DLE	27.2 MW(e)	50/60 Hz	36.4%	9,904 kJ/kWh	4,800 rpm	20.6 : 1	91.0 kg/s	501° C
SGT-A30 RB (32 MW) DLE	32.1 MW(e)	50/60 Hz	39.3%	9,159 kJ/kWh	4,850 rpm	21.6 : 1	94.0 kg/s	510° C
SGT-A05 AE (6.6 MW) w/ case steam	6.6 MW(e)	50/60 Hz	41.2%	8,741 kJ/kWh	14,600 rpm	10.3 : 1	18.4 kg/s	530° C
SGT-A05 AE (5.4 MW)	5.4 MW(e)	50/60 Hz	32.3%	11,152 kJ/kWh	14,600 rpm	13.9 : 1	21.3 kg/s	494° C
SGT-A05 AE (4.0 MW)	4.0 MW(e)	50/60 Hz	29.7%	12,137 kJ/kWh	14,200 rpm	10.3 : 1	15.4 kg/s	560° C

For more information, please contact
our Siemens Customer Support Center.
Phone: +49 180 524 70 00
Fax: +49 180 524 24 71
(Charges depending on provider)
E–mail: support.energy@siemens.com

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Article-No. PGDG-B10006-03-4A00
Dispo 34806 BR 01172.3