

# Gas and Steam Turbine: Global Markets

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## Abstracts

### Summary:

This report provides an analysis of the global market for gas and steam turbines. It highlights significant driving trends and challenges that affect the global market and its vendor landscape. The report concludes with a competitive landscape and company profiles of the leading global players.

A gas turbine is a combustion engine used to generate mechanical energy from various fuels, such as natural gas or liquid fuels. The ongoing shift from coal to natural gas and demand for efficient power generation are key factors driving the gas turbine market. A surge in electricity production, advances in steam turbine technology, and growth prospects in the industrial sector are strengthening the outlook for the steam turbine market. For example, steam turbines are used in industries such as sugar processing, refineries, and steel and chemical facilities, all of which are supported by favorable government policies for power generation expansion.

### Report Scope

This report analyzes the global market for gas and steam turbines by technology, capacity and end user for the gas turbines market and by cycle, capacity and sector for the steam turbines market. The report examines the technological and competitive aspects and economic trends that impact the market. Patent analysis for the gas and steam turbine market is included to provide insight into the competitive dynamics of the global market. The report concludes with detailed profiles of the major companies in the market.

The report also includes a regional analysis that covers North America, Europe, Asia-Pacific and the Rest of the World (i.e., South America and the Middle East and Africa)

and examines the current and future factors influencing market demand. The base year is 2024, 2025 the estimated year, and market values are forecast for five years through 2030. All market values are in U.S. dollars (million).

## **Report Includes**

In-depth analysis of the global market for gas and steam turbines

Analyses of the global market trends, with revenue data for 2024, estimates for 2025, forecasts for 2026 and 2029, projected CAGRs through 2030

Estimates of the market size and revenue growth prospects, accompanied by a market share analysis by type, technology, capacity, cycle, end user, application sector and region

Facts and figures about market dynamics, technological advances, regulations, prospects and the impact of macroeconomic variables

Insights derived from Porter's Five Forces analyses

Analysis of the industry structure, including companies' market shares and rankings, strategic initiatives, M&A activity and a venture funding outlook

Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, as well as the ESG risk ratings and practices of leading companies

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Combined Cycle

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Key Takeaways

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Oil and Gas

Manufacturing

Aviation

Others

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Key Takeaways

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Combined Cycle

Cogeneration

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ANSALDO ENERGIA

BAKER HUGHES CO.

DOOSAN ENERBILITY

FUJI ELECTRIC CO. LTD.

GE VERNOVA

KAWASAKI HEAVY INDUSTRIES LTD.

MITSUBISHI HEAVY INDUSTRIES LTD.

SHANGHAI ELECTRIC

SIEMENS ENERGY

TOSHIBA AMERICA ENERGY SYSTEMS CORP.

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