

Mexico Gas Turbine Market Size, Share, Trends and Forecast by Technology, Design Type, Rated Capacity, End-User, and Region, 2026-2034

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Abstracts

The Mexico gas turbine market size reached USD 324.8 Million in 2025 . Looking forward, IMARC Group expects the market to reach USD 469.6 Million by 2034, exhibiting a growth rate (CAGR) of 3.97% during 2026-2034 . The market is driven by increasing electricity demand in the country, government regulations promoting cleaner energy, and the transition from coal to gas-fired power generation. Foreign investments, grid development, and augmenting demands for flexible backup options to facilitate renewable energy incorporation, enabling a stable and efficient power supply, are further expanding the Mexico gas turbine market share.

MEXICO GAS TURBINE MARKET TRENDS:

Increasing Demand for Combined Cycle Gas Turbines (CCGT) in Mexico

The market is witnessing a growing preference for combined cycle gas turbine (CCGT) technology due to its high efficiency and lower emissions. As the country shifts toward cleaner energy solutions, CCGT plants, which integrate gas and steam turbines to maximize energy output, are becoming a key choice for power generation. On 18 th February, 2025, the Mexican Comisi?n Federal de Electricidad (CFE) opened the 927 MW Salamanca combined cycle gas turbine (CCGT) plant in Guanajuato, replacing a 1971 gas unit, which is set to reduce emissions by 3.5 million tons of CO? annually. Consistent with its 2025–2030 national grid strategy, the government is planning to bring on board 22.7 GW of new capacity, comprising five CCGT projects, backed by a USD 23 Billion investment in public generation infrastructure. The Mexican government's push to reduce reliance on coal and oil-based power generation is also driving the Mexico gas turbine market growth. Additionally, foreign investments in

Mexico's energy sector, particularly from U.S. and European companies, are driving the adoption of advanced CCGT systems. These turbines meet stricter environmental regulations and provide cost-effective electricity, making them ideal for industrial and utility-scale applications. With Mexico's rising energy demand and focus on sustainable power, the CCGT segment is expected to dominate the market.

Expansion of Renewable-Integrated Gas Turbine Solutions

Another emerging trend in the market is the integration of gas turbines with renewable energy sources, such as solar and wind, to ensure grid stability. As Mexico increases its renewable energy capacity, the intermittent nature of solar and wind power creates a need for flexible backup solutions. Gas turbines, particularly aeroderivative models, are being deployed to provide rapid response during fluctuations in renewable power supply. This hybrid approach enhances energy reliability while reducing carbon footprints. Key players in the market are investing in turbine designs that complement renewables, supported by government incentives for hybrid power projects. The trend aligns with Mexico's energy transition goals, balancing sustainability with energy security. As renewable penetration grows, gas turbines will play a crucial role in maintaining a stable and efficient power grid. Notably, in 2024, fossil fuels supplied 75% of Mexico's electricity, while only 25% came from low-carbon sources, much lower than the world average of 41%. Solar and wind power provided 13% of these. With electricity demand rising 56% in the last two decades, gas turbines have played a vital role in meeting this demand. Nevertheless, Mexico currently aims at a target of 33% renewable electricity in 2030 in a bid to shift towards a cleaner power grid.

MEXICO GAS TURBINE MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on technology, design type, rated capacity, and end-user.

Technology Insights:

Combined Cycle Gas Turbine

Open Cycle Gas Turbine

The report has provided a detailed breakup and analysis of the market based on the

technology. This includes combined cycle gas turbine and open cycle gas turbine.

Design Type Insights:

Heavy Duty (Frame) Type

Aeroderivative Type

A detailed breakup and analysis of the market based on the design type have also been provided in the report. This includes heavy duty (frame) type and aeroderivative type.

Rated Capacity Insights:

Above 300 MW

120-300 MW

40-120 MW

Less Than 40 MW

The report has provided a detailed breakup and analysis of the market based on the rated capacity. This includes above 300 MW, 120-300 MW, 40-120 MW, and less than 40 MW.

End-User Insights:

Power Generation

Mobility

Oil and Gas

Others

A detailed breakup and analysis of the market based on the end-user have also been

provided in the report. This includes power generation, mobility, oil and gas, and others.

Regional Insights:

Northern Mexico

Central Mexico

Southern Mexico

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Northern Mexico, Central Mexico, Southern Mexico, and Others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

Frequently Asked Questions About the Mexico Gas Turbine Market Report

- 1.How big is the gas turbine market in Mexico?
- 2.What is the future outlook of the gas turbine market in Mexico?
- 3.What are the key factors driving the Mexico gas turbine market?

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