

Natural Gas Generator Market Size, Share & Trends Analysis Report By Power Rating (Low Power Genset, Medium Power Genset, High Power Genset), By Application (Industrial, Residential, Commercial), By Region, And Segment Forecasts, 2022 - 2030

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Abstracts

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Natural Gas Generator Market Growth & Trends

The global natural gas generator market size is expected to reach USD 18.67 billion by 2030, expanding at a compound annual growth rate (CAGR) of 11.4% during the forecast period, according to a new report by Grand View Research, Inc. Growing demand for backup power coupled with increasing government regulation to reduce the carbon emission caused by diesel genset is likely to strengthen the growth of the market during the forecast period.

The global electricity demand is anticipated to witness an increase of nearly two-thirds of the current demand during the forecast period. The current availability of natural gas in large quantities and its relatively lower prices, especially in regions, such as North America and Europe, has led to an increase in power generation using natural gas. Increasing focus on electricity generation through cleaner sources and environmental concerns arising from diesel gensets are the factors anticipated to increase the share of natural gas generators set in the coming years.

Conventional gensets, such as diesel gensets, emit harmful gases, including nitrogen oxide, hydrocarbons, and carbon monoxide, due to the combustion of diesel. As a result, different regulatory bodies have imposed strict regulations and thus making it

difficult for diesel generators to be used. This has led to the growth of eco-friendly alternatives to diesel gensets, such as natural gas gensets.

Emerging economies in the Asia-Pacific region, such as India, China, Japan, and others, have witnessed strong growth in their commercial sectors. The growth of demand for natural gensets over diesel gensets for backup power applications is owing to the increasingly stringent government regulations to curb greenhouse gas emissions caused by diesel gensets.

Natural Gas Generator Market Report Highlights

The low power gensets segment accounted for a prominent share in the market in 2021 and is further expected to witness prominent growth during the forecast period

For the application segment, the commercial segment accounted for the largest market share in 2021 and is projected to expand at the highest CAGR during the forecast period.

North America accounted for the largest market share in 2021. The abundance of natural gas in the U.S. coupled with developed infrastructure for transportation of natural gas within the country has played a vital role in driving the demand for gas generator sets in the U.S

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