

# Middle East and Africa Fossil Fuel New Energy Generation Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034

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## Abstracts

Middle East And Africa Fossil Fuel New Energy Generation Market, with a market value of USD 24.6 billion in 2024, is poised to grow at a CAGR of 19.5% from 2025 to 2034. This growth is driven by increasing energy demands across various sectors and strategic investments in energy generation. The market is being shaped by collaborations between technology firms working toward the development of low-carbon technologies. Rising energy consumption, fueled by industrialization and improving living standards, is leading to a stronger emphasis on energy security and sustainability. Stringent emission reduction regulations are also having a profound impact on the market dynamics, encouraging a shift toward cleaner energy sources and more efficient technologies.

One of the key drivers of this market is the ongoing demand for gas, which is expected to exceed USD 80 billion by 2034. The availability of large reserves and continued exploration of natural gas in the region is contributing to the sector's growth. Gas-fired power plants are an essential part of the region's energy infrastructure, helping to ensure reliable power generation while also being cost-effective. As the demand for energy rises, there is also an increasing push to reduce carbon emissions from traditional power generation methods, which further strengthens the adoption of more efficient technologies. This shift toward cleaner energy solutions aligns with the rising focus on environmental regulations and energy efficiency across the region.

In Saudi Arabia, the fossil fuel new energy generation market is expected to surpass USD 9.5 billion by 2034. The country is investing heavily in the expansion of power generation facilities to meet the rising demand, particularly from the rapidly growing industrial and commercial sectors. This has created a need for more efficient, lower-

emission technologies, such as natural gas power plants, which are becoming increasingly popular due to their reduced environmental impact. Saudi Arabia's vast fossil fuel reserves, combined with favorable energy generation policies, are further enhancing the market outlook.

Saudi Arabia's commitment to balancing energy generation with environmental sustainability is evident in the country's ongoing efforts to improve energy efficiency. The government is supporting the development of advanced technologies to improve power generation processes, such as the implementation of carbon capture technologies. These initiatives are shaping the future of the fossil fuel energy sector in the region, ensuring that both energy needs and environmental concerns are addressed as the market continues to evolve.

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