

# **Egypt Liquefied Natural Gas (LNG) Market By Liquefied Natural Gas (LNG) Infrastructure (Liquefied Natural Gas (LNG) Liquefaction Plants, Liquefied Natural Gas (LNG) Regasification Facilities, and Liquefied Natural Gas (LNG) Shipping), By Application (Residential, Commercial, and Industrial), By Region, Competition, Forecast and Opportunities, 2028**

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## **Abstracts**

Egypt liquefied natural gas (LNG) market is anticipated to grow at a steady pace during the forecast period of 2024-2028. The Egypt LNG market has a significant share of the global LNG market.

Egypt has substantial natural gas reserves and has been exporting LNG since the early 2000s. The country has several LNG export facilities, including the Idku LNG plant and the Damietta LNG plant. These facilities receive natural gas from domestic fields, process it into LNG, and export it to international markets. Egypt's LNG exports have traditionally been an important source of revenue for the country. The country is known for its substantial natural gas reserves, particularly in the Mediterranean Sea and the Nile Delta. The country has actively explored and developed these reserves to meet both domestic demand and export requirements.

While Egypt exports LNG, it also has a significant domestic demand for natural gas. The country relies on natural gas for power generation, industrial use, and residential consumption. The Government of Egypt has taken steps to balance domestic consumption and export commitments.

In recent years, Egypt has made significant investments in expanding its LNG

infrastructure. The Idku LNG plant and the Damietta LNG plant have undergone expansion projects to increase their production capacities. Additionally, Egypt has constructed new pipelines and natural gas processing facilities to support LNG production and distribution. Egypt's LNG exports have primarily targeted European and Asian markets. The country has signed long-term supply contracts with major buyers, including countries, such as Italy, Spain, France, and Jordan.

The LNG market in Egypt is influenced by global LNG prices, geopolitical factors, and demand from importing nations. In addition to LNG exports, Egypt also has regasification facilities to import LNG. These facilities allow the country to supplement its domestic natural gas supply during periods of high demand or to meet any supply shortfalls. The Egyptian government has implemented various policy and regulatory reforms to attract investment in the LNG sector. These reforms include offering incentives to exploration and production companies, facilitating the ease of doing business, and providing a favorable investment climate.

Overall, the Egypt LNG market plays a crucial role in the global LNG market, both as an exporter and a domestic consumer of liquefied natural gas. The country's natural gas reserves, infrastructure development, and policy reforms contribute to its position in the global market.

### Growing Demand for Distributed Power

The growing demand for distributed power can indeed have a positive impact on the market for liquefied natural gas (LNG) in Egypt. Distributed power refers to the generation of electricity on a smaller scale, typically closer to the point of consumption. This decentralized approach to power generation requires reliable and flexible fuel sources. LNG can serve as a suitable fuel for distributed power generation due to its low emissions and high energy density. As the demand for distributed power increases in Egypt, the need for LNG as a fuel source is likely to grow.

Egypt has an extensive natural gas infrastructure, including pipelines and processing facilities, which can support the distribution and utilization of LNG. The existing infrastructure can be leveraged to transport and distribute LNG to various distributed power generation sites across the country. LNG offers flexibility in terms of transportation, storage, and utilization. It can be transported by trucks or in ISO containers, making it suitable for remote or off-grid locations. This flexibility allows LNG to support distributed power generation in areas where grid connectivity is limited or unreliable.

Additionally, LNG can provide a reliable and continuous power supply, which is essential for distributed power systems. The use of LNG for distributed power generation can enhance energy security in Egypt. By diversifying the fuel mix and reducing reliance on traditional power sources, such as coal or oil, LNG can contribute to a more sustainable and secure energy supply. This is particularly important for distributed power systems that aim to improve resilience and reduce dependence on centralized grids. LNG is considered a cleaner fuel compared to other fossil fuels, as it emits lower levels of greenhouse gases and pollutants.

The use of LNG in distributed power generation can help reduce emissions and improve air quality, which is crucial for addressing environmental concerns and meeting sustainability targets. The Government of Egypt has shown a commitment to promoting the use of natural gas, including LNG, in various sectors, including power generation. The government's efforts to encourage investments in distributed power projects and create a favorable policy environment can further propel the market for LNG in Egypt.

In conclusion, the growing demand for distributed power in Egypt can drive the market for liquefied natural gas (LNG). The flexibility, reliability, and environmental benefits of LNG make it a suitable fuel for distributed power generation, and Egypt's existing natural gas infrastructure provides a solid foundation for its distribution. With government support and favorable policies, the adoption of LNG in the distributed power sector is likely to gain momentum in Egypt over the next few years.

### Rising Investments in Oil and Gas and Utility Projects

Rising investments in oil and gas and utility projects can indeed drive the Liquefied Natural Gas (LNG) market. As investments in oil and gas and utility projects rise, there is a corresponding increase in energy demand. LNG can play a crucial role in meeting this demand due to its versatility and cleaner burning characteristics compared to other fossil fuels. It can be used in power generation, industrial processes, transportation, and residential applications, making it an attractive option for energy-intensive projects. Investments in oil and gas and utility projects often involve the development of infrastructure, including pipelines, storage facilities, and LNG terminals. These infrastructure projects create the necessary framework for the transportation, storage, and distribution of LNG. As the infrastructure expands, it enables the growth of the LNG market by facilitating the movement of LNG from production centers to end users.

Many utility projects focus on expanding power generation capacity to meet the

increasing electricity demand. LNG can be used as a fuel source for new power plants or as a backup fuel for existing facilities. Investments in power generation projects can drive the demand for LNG as a dependable and cleaner-burning alternative to coal or oil. Investments in oil and gas and utility projects often go hand in hand with industrial development. Industries such as petrochemicals, manufacturing, and refining require a reliable and cost-effective energy source. LNG can provide a competitive advantage in terms of lower emissions, cost stability, and ease of transportation.

Therefore, rising investments in industrial projects can drive the demand for LNG in these sectors. Increased investments in oil and gas can lead to higher production levels, creating opportunities for LNG export. Countries with substantial natural gas reserves, such as Egypt, can leverage these investments to expand their LNG export capacity and tap into global markets. The revenue generated from LNG exports can contribute to economic growth and further incentivize investments in the sector.

Rising investments in oil and gas and utility projects are increasingly influenced by environmental considerations. LNG, being a cleaner-burning fuel, aligns with the global shift towards lower carbon emissions. Investments in LNG infrastructure and utilization can help reduce greenhouse gas emissions, improve air quality, and support sustainability goals, attracting further investments in the LNG market. Government policies and incentives play a crucial role in driving investments in the oil and gas and utility sectors, including the LNG market. Governments can implement favorable regulations, tax incentives, and subsidy programs to encourage private sector investments in LNG projects. These measures create a supportive environment for investors and facilitate the growth of the LNG market.

In conclusion, rising investments in oil and gas and utility projects can have a significant impact on the LNG market in the country. The increasing energy demand, coupled with infrastructural development, power generation projects, and industrial growth, creates opportunities for LNG as a versatile and cleaner fuel source. Government support and environmental considerations are further driving the market by promoting investments and aligning with sustainability goals.

## Market Segmentation

The Egypt liquefied natural gas (LNG) market is analyzed based on liquefied natural gas (LNG) infrastructure, application, and region. Based on liquefied natural gas (LNG) Infrastructure, the market is segmented into Liquefied Natural Gas (LNG) Liquefaction Plants, Liquefied Natural Gas (LNG) Regasification Facilities, and Liquefied Natural Gas

(LNG) Shipping. Based on application, the market is segmented into residential, commercial, and industrial. The market is also segmented by region among Cairo, Alexandria, Giza, Qalyubia, Port Said, Suez, and the Rest of Egypt.

## Market Players

Major players in the Egypt liquefied natural gas (LNG) market are Shell Egypt, Egyptian LNG, Total Energies Egypt, ENGIE Middle East, Union Fenosa Gas (UFG), Egyptian Natural Gas Holding Company (EGAS), and BP Egypt Co.

## Report Scope:

In this report, the Egypt Liquefied Natural Gas (LNG) Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Egypt Liquefied Natural Gas (LNG) Market, By Liquefied Natural Gas (LNG) Infrastructure:

Liquefied Natural Gas (LNG) Liquefaction Plants

Liquefied Natural Gas (LNG) Regasification Facilities

Liquefied Natural Gas (LNG) Shipping

Egypt Liquefied Natural Gas (LNG) Market, By Application:

Residential

Commercial

Industrial

Egypt Liquefied Natural Gas (LNG) Market, By Region:

Cairo

Alexandria

Giza

Qalyubia

Port Said

Suez

Rest of Egypt

### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Egypt Liquefied Natural Gas (LNG) Market.

### Available Customizations:

Egypt Liquefied Natural Gas (LNG) Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

### Company Information

Detailed analysis and profiling of additional market players (up to five).

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