

Qatar Power EPC Market By Type (Thermal, Oil & Gas, Renewable, Nuclear, Others), By Component (Engineering Design, Procurement, Construct), By Region, Competition Forecast & Opportunities, 2028F

<https://marketpublishers.com/r/Q9CA35360528EN.html>

Date: October 2023

Pages: 70

Price: US\$ 3,500.00 (Single User License)

ID: Q9CA35360528EN

Abstracts

Qatar Power EPC Market is anticipated to grow at a high CAGR in the forecast period 2024-2028. In Qatar, EPC contracts are commonly utilized to create power from various resources, both renewable and non-renewable. These contracts are 'turnkey,' meaning that an external contractor takes complete responsibility for designing and constructing the power generation units to the client's specifications. The contractor oversees the project from the initial development phase to the final fabrication of the facility, which is ready for operation. EPC contracts differ from build-to-order units, which are customized to the client's needs. After signing the EPC contract, the contractor is responsible for the entire project development until completion, when it is then handed over to the client. Due to population growth, urbanization, and increased industrial expansion, the demand for power has risen, resulting in significant investments being made in the global power engineering, procurement, and construction (EPC) sector.

Qatar's government is promoting private enterprises and international investment to help reduce its economic shortfalls. If the government takes efforts to liberalise the power business, local and foreign private investors will be able to invest in the country and relieve the strain on government-owned power firms. As a result of the privatisation of the power industry, the Qatar power EPC market is projected to benefit soon.

The Qatar power EPC market is experiencing significant growth due to the country's increasing demand for electricity to support its rapidly expanding population and economy. The market is characterized by a rising investment in the creation of power generation facilities that utilize both renewable and non-renewable sources of energy.

The demand for consistent energy supply is being driven by the growing digitization and dependence on power-operated equipment in various critical industries. EPC contracts are favoured in Qatar due to the contractors' expertise in creating more efficient production units. The contractors have access to the best subcontractors, raw material vendors, cost-effective procurement channels, specific technological tools, and human resources. Qatar is also investing heavily in the development of EPC POWER projects, which is expected to further fuel growth in the power EPC market. Overall, the Qatar power EPC market presents lucrative opportunities for investors, contractors, and vendors in the power generation industry.

Increasing Number of Contractual Enterprises to Stimulate Market Expansion

In Qatar, there is an increasing investment in creating power generation facilities that use renewable sources of energy as well as a continued need for non-renewable sources that have traditionally been responsible for generating a significant portion of power. The demand for a reliable energy supply is being driven by the growing digitization and dependence on power-operated equipment in critical industries such as healthcare, building construction, and food and textiles. The global population, which is almost 7 billion, is also a significant factor contributing to the rise in energy consumption. EPC contracts are the preferred choice for facility building in Qatar because they allow contractors to utilize their expertise to create more efficient production units. EPC contractors are preferred for large-scale investments because they have access to the best subcontractors, raw material vendors, and cost-effective procurement channels, as well as specific technological tools and human resources. Qatar is also contributing significantly to the EPC POWER market's growth by generating a significant volume of EPC POWER.

The Market is Likely to Be Driven by Rapid Domestic Demand

Power demand in the country is expanding at a rapid pace. In tandem with this expansion, the power generating industry has seen major capacity expansions. As the power production industry has developed, so has the need for expansion and upgrading of transmission infrastructure, resulting in increased investment in this sector. The following variables are driving the expansion of transmission and distribution infrastructure.

With the rise of the industrial sector, notably in the last five years, and increased infrastructure construction aimed at the FIFA World Cup 2022, power consumption has increased at a pace considerably above 7% in recent years. To fulfil this demand, the

power generation industry increased their capacity significantly.

Power EPCs' Technological Development is Boosting the Market's Growth

The technological development of power engineering, procurement, and construction (EPC) companies is playing a significant role in driving the growth of the Qatar EPC power market. Qatar, as a rapidly developing nation with ambitious infrastructure projects and a growing population, has a surging demand for reliable and efficient power supply. In this context, the advancements in technology by power EPCs are crucial for meeting these demands and facilitating the country's economic growth.

Firstly, power EPCs are leveraging cutting-edge technologies in the design and construction of power plants, transmission lines, and substations. These advancements enable the development of state-of-the-art facilities that enhance power generation, transmission, and distribution capabilities. For example, the utilization of advanced turbine technology in power plants allows for higher efficiency, reduced emissions, and increased power output. Similarly, the implementation of smart grid solutions enables better monitoring, control, and management of the power infrastructure, leading to improved reliability and grid stability.

Secondly, the integration of renewable energy sources into the power mix is a significant focus of technological development by power EPCs in Qatar. As the world shifts towards sustainable and environmentally friendly energy solutions, Qatar is actively pursuing renewable energy projects. Power EPCs are at the forefront of deploying solar, wind, and other renewable energy technologies, ensuring a diversified and cleaner power generation portfolio. Advanced solar panels, wind turbines, and energy storage systems are being deployed to harness Qatar's abundant renewable energy resources efficiently.

Furthermore, digitalization and automation are revolutionizing the power sector, and power EPCs are driving this transformation. Through the adoption of digital technologies, such as artificial intelligence, Internet of Things (IoT), and data analytics, power EPCs are optimizing plant operations, predictive maintenance, and energy management. These technologies enable real-time monitoring, remote control, and efficient asset utilization, resulting in cost savings, increased productivity, and reduced downtime. Moreover, power EPCs' technological advancements are not limited to the construction phase but also extend to the operation and maintenance of power infrastructure. Advanced asset management systems, condition monitoring technologies, and predictive maintenance algorithms enable proactive identification of

faults, timely repairs, and optimal performance of power assets. These advancements enhance the reliability, safety, and longevity of the power infrastructure, ensuring uninterrupted power supply to meet Qatar's growing demands.

Although the transmission and distribution sector in Qatar is 100% owned by the state-owned organization, Kahramaa (which does not allow private investment in this sector), there has been a massive inflow of investments in the sector due to increasing power demand and developments in the power generation industry. Despite having a well-established grid infrastructure connecting 100% of the population, electricity demand in the country is increasing at a substantial rate, leading to significant capacity additions in the power generation sector and a need for expansion and upgradation of the transmission infrastructure. This need is being driven by the growth of the industrial sector, infrastructure development for the FIFA World Cup 2022, and a rise in electricity demand, which has grown at a rate of over 7% in the past few years. With several power generation projects under-construction and in the pipeline, the demand for the transmission and distribution infrastructure is expected to continue to grow during the forecast period.

Market Segments

The Qatar Power EPC market is segmented into Type, Component, and Region. Based on Type, the market is segmented into Thermal, Oil & Gas, Renewable, Nuclear and Others. Based on Component, the market is divided into Engineering Design, Procurement, and Construct. Based on region, the market is divided among Al Dawhah (Doha), Al Rayyan, Al Khor, and Al Wakrah.

Market Players

Major market players of Qatar Power EPC Market are El Sewedy Electric Co SAE, Siemens AG, Samsung C&T Corp., Yokogawa Electric Corporation, LARSEN & TOUBRO LIMITED, Mott Macdonald Group Ltd, Mitsubishi Electric Corporation, ABB LTD, QatarEnergy Renewable Solutions, POWERCHINA Guizhou Engineering Co., Ltd To achieve good market growth, businesses that are active in the market employ organic tactics such as product launches, mergers, and partnerships.

Report Scope:

In this report, Qatar Power EPC Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Power EPC Market, By Type

Thermal

Oil & Gas

Renewable

Nuclear

Others

Power EPC Market, By Component

Engineering Design

Procurement

Construct

Power EPC Market, By Region:

Al Dawhah (Doha)

Al Rayyan

Al Khor

Al Wakrah

Al Daayen

Umm Salal

Al Shamal

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Qatar Power EPC Market

Available Customizations:

Qatar Power EPC Market 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).

Contents

- 1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

4. VOICE OF CUSTOMER

5. QATAR POWER EPC MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (Thermal, Oil & Gas, Renewable, Nuclear and Others)
 - 5.2.2. By Component (Engineering Design, Procurement, Construct)
 - 5.2.3. By Region (Al Dawhah (Doha), Al Rayyan, Al Khor, Al Wakrah, Al Daayen, Umm Salal, Al Shamal)
- 5.3. By Company (2022)
- 5.4. Market Map

6. AL DAWHAH (DOHA) MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Type

6.2.2. By Component

7. AL RAYYAN MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type

7.2.2. By Component

8. AL KHOR MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Type

8.2.2. By Component

9. AL DAAYEN MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Type

9.2.2. By Component

10. UMM SALAL MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Type

10.2.2. By Component

11. AL SHAMAL MARKET OUTLOOK

11.1. Market Size & Forecast

11.1.1. By Value

11.2. Market Share & Forecast

11.2.1. By Type

11.2.2. By Component

12. MARKET DYNAMICS

12.1. Drivers

12.1.1. Rising demand for electricity

12.1.2. Growing need for renewable energy

12.1.3. Increasing digitization and dependence on power-operated equipment

12.2. Challenges

12.2.1. limited access to financing due to reduced liquidity in the market

12.2.2. market's dependence on non-renewable sources of energy

13. MARKET TRENDS & DEVELOPMENTS

13.1. increasing investments in smart grid technology

13.2. The increasing focus on energy efficiency and the adoption of energy-efficient technologies

13.3. the growing demand for electricity in the country

13.4. efficient management of power supply and demand

14. POLICY & REGULATORY LANDSCAPE

15. QATAR ECONOMIC PROFILE

16. COMPANY PROFILES

14.1. El Sewedy Electric Co SAE

14.1.1. Business Overview

14.1.2. Key Revenue (If Available)

14.1.3. Recent Developments

14.1.4. Key Personnel

14.1.5. Key Product/Service Offered

14.2. Siemens AG

- 14.2.1. Business Overview
- 14.2.2. Key Revenue (If Available)
- 14.2.3. Recent Developments
- 14.2.4. Key Personnel
- 14.2.5. Key Product/Service Offered

14.3. MITSUBISHI ELECTRIC CORPORATION

- 14.3.1. Business Overview
- 14.3.2. Key Revenue (If Available)
- 14.3.3. Recent Developments
- 14.3.4. Key Personnel
- 14.3.5. Key Product/Service Offered

14.4. Mott Macdonald Group Ltd

- 14.4.1. Business Overview
- 14.4.2. Key Revenue (If Available)
- 14.4.3. Recent Developments
- 14.4.4. Key Personnel
- 14.4.5. Key Product/Service Offered

14.5. ABB Ltd

- 14.5.1. Business Overview
- 14.5.2. Key Revenue (If Available)
- 14.5.3. Recent Developments
- 14.5.4. Key Personnel
- 14.5.5. Key Product/Service Offered

14.6. Samsung C&T Corp.

- 14.6.1. Business Overview
- 14.6.2. Key Revenue (If Available)
- 14.6.3. Recent Developments
- 14.6.4. Key Personnel
- 14.6.5. Key Product/Service Offered

14.7. Yokogawa Electric Corporation

- 14.7.1. Business Overview
- 14.7.2. Key Revenue (If Available)
- 14.7.3. Recent Developments
- 14.7.4. Key Personnel
- 14.7.5. Key Product/Service Offered

14.8. QatarEnergy Renewable Solutions

- 14.8.1. Business Overview
- 14.8.2. Key Revenue (If Available)

14.8.3. Recent Developments

14.8.4. Key Personnel

14.8.5. Key Product/Service Offered

14.9. LARSEN & TOUBRO LIMITED

14.9.1. Business Overview

14.9.2. Key Revenue (If Available)

14.9.3. Recent Developments

14.9.4. Key Personnel

14.9.5. Key Product/Service Offered

14.10. POWERCHINA Guizhou Engineering Co., Ltd

14.10.1. Business Overview

14.10.2. Key Revenue (If Available)

14.10.3. Recent Developments

14.10.4. Key Personnel

14.10.5. Key Product/Service Offered

15. STRATEGIC RECOMMENDATIONS

16. ABOUT US & DISCLAIMER

(Note: The companies list can be customized based on the client requirements.)

I would like to order

Product name: Qatar Power EPC Market By Type (Thermal, Oil & Gas, Renewable, Nuclear, Others), By Component (Engineering Design, Procurement, Construct), By Region, Competition Forecast & Opportunities, 2028F

Product link: <https://marketpublishers.com/r/Q9CA35360528EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/Q9CA35360528EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970