

# Global Power Generation Industry Guide - Market Summary, Competitive Analysis and Forecast to 2025

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## Abstracts

Global Power Generation Industry Guide - Market @Summary, Competitive Analysis and Forecast to 2025

### SUMMARY

Global Power Generation industry profile provides top-line qualitative and quantitative summary information including: Industry size (value and volume 2016-20, and forecast to 2025). The profile also contains descriptions of the leading players including key financial metrics and analysis of competitive pressures within the Industry.

### KEY HIGHLIGHTS

The power generation industry volume is defined as the total electrical energy (TWh) generated within a country over the course of each calendar year.

The value of the industry is obtained by multiplying volume of generated energy by the appropriate annual average non-household power price, or equivalent, excluding taxes and levies.

The power generation industry is segmented by volume into electricity produced from nuclear, conventional (thermal generation from fossil fuels), and renewable (hydropower, wind, solar PV, biomass, and geothermal) sources.

All market data and forecasts are represented in nominal terms (i.e., without adjustment for inflation) and all currency conversions used in the creation of this report have been calculated using constant 2020 annual average exchange

rates.

Forecast figures presented in this report are calculated using crisis scenarios for the market. The length of the pandemic and restrictions introduced by various countries are still difficult to predict. Many governments had introduced the national lockdowns and temporarily banned sales of products that are deemed 'non-essential'. As the length of the pandemic and its impact on this market is not certain, the data used in this report has been modeled taking forecast impacts on national economics into consideration.

The global power generation industry had total revenues of \$2,480.3bn in 2020, representing a compound annual growth rate (CAGR) of 3.6% between 2016 and 2020.

Industry consumption volume increased with a CAGR of 1.8% between 2016 and 2020, to reach a total of 23,241.7 TWh in 2020.

Renewables have recorded the highest output growth among energy sources in recent years, as a result of a pledges for low-carbon economies, increasing their share in the power energy mix against fossil fuels.

## **SCOPE**

Save time carrying out entry-level research by identifying the size, growth, major segments, and leading players in the global power generation Industry

Use the Five Forces analysis to determine the competitive intensity and therefore attractiveness of the global power generation Industry

Leading company profiles reveal details of key power generation Industry players' global operations and financial performance

Add weight to presentations and pitches by understanding the future growth prospects of the global power generation Industry with five year forecasts by both value and volume

## **REASONS TO BUY**

What was the size of the global power generation Industry by value in 2020?

What will be the size of the global power generation Industry in 2025?

What factors are affecting the strength of competition in the global power generation Industry?

How has the Industry performed over the last five years?

What are the main segments that make up the global power generation Industry?

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