

**Power Generation Global Industry Guide 2020-2029**

Industry Report | 2025-06-20 | 469 pages | MarketLine

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**Report description:**

Power Generation Global Industry Guide 2020-2029

## Summary

Global Power Generation industry profile provides top-line qualitative and quantitative summary information including: Industry size (value, and forecast to 2029). The profile also contains descriptions of the leading players including key financial metrics and analysis of competitive pressures within the Industry.

## Key Highlights

- Power generation market volume refers to the total electrical energy (TWh) generated within a country over the course of each calendar year. Market value is calculated by multiplying the amount of electricity produced by the wholesale price for electricity generation.
- By sources, the market is segmented into nuclear, conventional (thermal generation from fossil fuels), and renewable (hydropower, wind, solar PV, biomass, and geothermal).
- All market data and forecasts are based on nominal prices, and all currency conversions used in the creation of this report have been calculated using yearly annual average exchange rates. The USD values may show a declining trend for a few countries, such as Argentina, Turkey, Nigeria, Egypt, and Russia. This is primarily because of the impact of exchange rates considered.
- The global power generation industry recorded revenues of \$1,890.9 billion in 2024, representing a compound annual growth rate (CAGR) of 3.2% between 2019 and 2024.
- Industry production volume increased with a CAGR of 3.3% between 2019 and 2024, reaching a total of 2,67,72,626.1 GWh (gigawatt-hours) in 2024.
- Asia-Pacific dominated the global power generation industry, commanding the largest share of 64.9% in 2024.

## Scope

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- Save time carrying out entry-level research by identifying the size, growth, 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

## Reasons to Buy

- What was the size of the global power generation Industry by value in 2024?
- What will be the size of the global power generation Industry in 2029?
- What factors are affecting the strength of competition in the global power generation Industry?
- How has the Industry performed over the last five years?

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