

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

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Abstracts

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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?

Contents

1 EXECUTIVE SUMMARY

- 1.1. Market value
- 1.2. Market value forecast
- 1.3. Market volume
- 1.4. Market volume forecast
- 1.5. Category segmentation
- 1.6. Geography segmentation
- 1.7. Competitive Landscape

2 INTRODUCTION

- 2.1. What is this report about?
- 2.2. Who is the target reader?
- 2.3. How to use this report
- 2.4. Definitions

3 GLOBAL POWER GENERATION

- 3.1. Market Overview
- 3.2. Market Data
- 3.3. Market Segmentation
- 3.4. Market outlook
- 3.5. Five forces analysis
- 3.6. Macroeconomic Indicators

4 POWER GENERATION IN ASIA-PACIFIC

- 4.1. Market Overview
- 4.2. Market Data
- 4.3. Market Segmentation
- 4.4. Market outlook
- 4.5. Five forces analysis

5 POWER GENERATION IN EUROPE

- 5.1. Market Overview

- 5.2. Market Data
- 5.3. Market Segmentation
- 5.4. Market outlook
- 5.5. Five forces analysis
- 5.6. Macroeconomic Indicators

6 POWER GENERATION IN FINLAND

- 6.1. Market Overview
- 6.2. Market Data
- 6.3. Market Segmentation
- 6.4. Market outlook
- 6.5. Five forces analysis
- 6.6. Macroeconomic Indicators

7 POWER GENERATION IN FRANCE

- 7.1. Market Overview
- 7.2. Market Data
- 7.3. Market Segmentation
- 7.4. Market outlook
- 7.5. Five forces analysis
- 7.6. Macroeconomic Indicators

8 POWER GENERATION IN GERMANY

- 8.1. Market Overview
- 8.2. Market Data
- 8.3. Market Segmentation
- 8.4. Market outlook
- 8.5. Five forces analysis
- 8.6. Macroeconomic Indicators

9 POWER GENERATION IN INDIA

- 9.1. Market Overview
- 9.2. Market Data
- 9.3. Market Segmentation
- 9.4. Market outlook

9.5. Five forces analysis

9.6. Macroeconomic Indicators

10 POWER GENERATION IN INDONESIA

10.1. Market Overview

10.2. Market Data

10.3. Market Segmentation

10.4. Market outlook

10.5. Five forces analysis

10.6. Macroeconomic Indicators

11 POWER GENERATION IN ITALY

11.1. Market Overview

11.2. Market Data

11.3. Market Segmentation

11.4. Market outlook

11.5. Five forces analysis

11.6. Macroeconomic Indicators

12 POWER GENERATION IN JAPAN

12.1. Market Overview

12.2. Market Data

12.3. Market Segmentation

12.4. Market outlook

12.5. Five forces analysis

12.6. Macroeconomic Indicators

13 POWER GENERATION IN MEXICO

13.1. Market Overview

13.2. Market Data

13.3. Market Segmentation

13.4. Market outlook

13.5. Five forces analysis

13.6. Macroeconomic Indicators

14 POWER GENERATION IN THE NETHERLANDS

- 14.1. Market Overview
- 14.2. Market Data
- 14.3. Market Segmentation
- 14.4. Market outlook
- 14.5. Five forces analysis
- 14.6. Macroeconomic Indicators

15 POWER GENERATION IN NORTH AMERICA

- 15.1. Market Overview
- 15.2. Market Data
- 15.3. Market Segmentation
- 15.4. Market outlook
- 15.5. Five forces analysis

16 POWER GENERATION IN NORWAY

- 16.1. Market Overview
- 16.2. Market Data
- 16.3. Market Segmentation
- 16.4. Market outlook
- 16.5. Five forces analysis
- 16.6. Macroeconomic Indicators

17 POWER GENERATION IN RUSSIA

- 17.1. Market Overview
- 17.2. Market Data
- 17.3. Market Segmentation
- 17.4. Market outlook
- 17.5. Five forces analysis
- 17.6. Macroeconomic Indicators

18 POWER GENERATION IN SINGAPORE

- 18.1. Market Overview
- 18.2. Market Data

- 18.3. Market Segmentation
- 18.4. Market outlook
- 18.5. Five forces analysis
- 18.6. Macroeconomic Indicators

19 POWER GENERATION IN SOUTH AFRICA

- 19.1. Market Overview
- 19.2. Market Data
- 19.3. Market Segmentation
- 19.4. Market outlook
- 19.5. Five forces analysis
- 19.6. Macroeconomic Indicators

20 POWER GENERATION IN SOUTH KOREA

- 20.1. Market Overview
- 20.2. Market Data
- 20.3. Market Segmentation
- 20.4. Market outlook
- 20.5. Five forces analysis
- 20.6. Macroeconomic Indicators

21 POWER GENERATION IN SPAIN

- 21.1. Market Overview
- 21.2. Market Data
- 21.3. Market Segmentation
- 21.4. Market outlook
- 21.5. Five forces analysis
- 21.6. Macroeconomic Indicators

22 POWER GENERATION IN SWEDEN

- 22.1. Market Overview
- 22.2. Market Data
- 22.3. Market Segmentation
- 22.4. Market outlook
- 22.5. Five forces analysis

22.6. Macroeconomic Indicators

23 POWER GENERATION IN TURKEY

23.1. Market Overview

23.2. Market Data

23.3. Market Segmentation

23.4. Market outlook

23.5. Five forces analysis

23.6. Macroeconomic Indicators

24 POWER GENERATION IN THE UNITED KINGDOM

24.1. Market Overview

24.2. Market Data

24.3. Market Segmentation

24.4. Market outlook

24.5. Five forces analysis

24.6. Macroeconomic Indicators

25 POWER GENERATION IN THE UNITED STATES

25.1. Market Overview

25.2. Market Data

25.3. Market Segmentation

25.4. Market outlook

25.5. Five forces analysis

25.6. Macroeconomic Indicators

26 POWER GENERATION IN AUSTRALIA

26.1. Market Overview

26.2. Market Data

26.3. Market Segmentation

26.4. Market outlook

26.5. Five forces analysis

26.6. Macroeconomic Indicators

27 POWER GENERATION IN BRAZIL

- 27.1. Market Overview
- 27.2. Market Data
- 27.3. Market Segmentation
- 27.4. Market outlook
- 27.5. Five forces analysis
- 27.6. Macroeconomic Indicators

28 POWER GENERATION IN CANADA

- 28.1. Market Overview
- 28.2. Market Data
- 28.3. Market Segmentation
- 28.4. Market outlook
- 28.5. Five forces analysis
- 28.6. Macroeconomic Indicators

29 POWER GENERATION IN CHINA

- 29.1. Market Overview
- 29.2. Market Data
- 29.3. Market Segmentation
- 29.4. Market outlook
- 29.5. Five forces analysis
- 29.6. Macroeconomic Indicators

30 POWER GENERATION IN DENMARK

- 30.1. Market Overview
- 30.2. Market Data
- 30.3. Market Segmentation
- 30.4. Market outlook
- 30.5. Five forces analysis
- 30.6. Macroeconomic Indicators

31 COMPANY PROFILES

- 31.1. Electricite de France SA
- 31.2. China Power Investment Corporation (Inactive)

- 31.3. The Tokyo Electric Power Company Holdings., Incorporated
- 31.4. Huaneng Power International, Inc.
- 31.5. E.ON SE
- 31.6. Fortum Corporation
- 31.7. Pohjolan Voima Oy
- 31.8. Teollisuuden Voima Oyj
- 31.9. EnBW Energie Baden-Wuerttemberg AG
- 31.10. RWE AG
- 31.11. Vattenfall AB.
- 31.12. NHPC Ltd
- 31.13. Reliance Power Ltd
- 31.14. The Tata Power Company Limited
- 31.15. PT Perusahaan Gas Negara (Persero) Tbk
- 31.16. Engie SA
- 31.17. A2A SpA
- 31.18. Chubu Electric Power Company, Incorporated
- 31.19. The Kansai Electric Power Co, Incorporated
- 31.20. Tohoku Electric Power Company, Incorporated
- 31.21. Comision Federal de Electricidad
- 31.22. Enel SpA
- 31.23. Iberdrola, S.A.
- 31.24. Statkraft AS
- 31.25. E-CO Enerji AS
- 31.26. Rosenergoatom Concern JSC
- 31.27. Inter RAO UES
- 31.28. OGK-2
- 31.29. Unipro PJSC
- 31.30. Senoko Energy Pte Ltd
- 31.31. YTL Power International Bhd
- 31.32. Eskom Holdings SOC Limited
- 31.33. Korea Electric Power Corporation
- 31.34. Endesa SA
- 31.35. Naturgy Energy Group SA
- 31.36. OKG Aktiebolag
- 31.37. Elektrik Uretim AS
- 31.38. Aksa Enerji Uretim AS
- 31.39. Centrica plc
- 31.40. Scottish Power Ltd
- 31.41. SSE Plc.

- 31.42. Dominion Energy Inc.
- 31.43. Duke Energy Corporation
- 31.44. Southern Company
- 31.45. NextEra Energy, Inc.
- 31.46. CLP Holdings Limited
- 31.47. Ergon Energy Corporation Limited (Inactive)
- 31.48. Origin Energy Limited
- 31.49. Centrais Eletricas Brasileiras S.A.
- 31.50. Companhia de Saneamento de Minas Gerais
- 31.51. CPFL Energia S.A.
- 31.52. BC Hydro
- 31.53. Hydro-Quebec
- 31.54. Ontario Power Generation Inc.
- 31.55. China Datang Corporation
- 31.56. China Huadian Corporation
- 31.57. China Energy Investment Corp Ltd
- 31.58. Orsted AS
- 31.59. European Energy A/S

32 APPENDIX

- 32.1. Methodology
- 32.2. About MarketLine

List Of Tables

LIST OF TABLES

- Table 1: Global power generation industry value: \$ billion, 2016-20
- Table 2: Global power generation industry volume: TWh, 2016-20
- Table 3: Global power generation industry category segmentation: TWh, 2020
- Table 4: Global power generation industry geography segmentation: \$ billion, 2020
- Table 5: Global power generation industry value forecast: \$ billion, 2020-25
- Table 6: Global power generation industry volume forecast: TWh, 2020-25
- Table 7: Global size of population (million), 2016-20
- Table 8: Global gdp (constant 2005 prices, \$ billion), 2016-20
- Table 9: Global gdp (current prices, \$ billion), 2016-20
- Table 10: Global inflation, 2016-20
- Table 11: Global consumer price index (absolute), 2016-20
- Table 12: Global exchange rate, 2016-20
- Table 13: Asia-Pacific power generation industry value: \$ billion, 2016-20
- Table 14: Asia-Pacific power generation industry volume: TWh, 2016-20
- Table 15: Asia-Pacific power generation industry category segmentation: TWh, 2020
- Table 16: Asia-Pacific power generation industry geography segmentation: \$ billion, 2020
- Table 17: Asia-Pacific power generation industry value forecast: \$ billion, 2020-25
- Table 18: Asia-Pacific power generation industry volume forecast: TWh, 2020-25
- Table 19: Europe power generation industry value: \$ billion, 2016-20
- Table 20: Europe power generation industry volume: TWh, 2016-20
- Table 21: Europe power generation industry category segmentation: TWh, 2020
- Table 22: Europe power generation industry geography segmentation: \$ billion, 2020
- Table 23: Europe power generation industry value forecast: \$ billion, 2020-25
- Table 24: Europe power generation industry volume forecast: TWh, 2020-25
- Table 25: Europe size of population (million), 2016-20
- Table 26: Europe gdp (constant 2005 prices, \$ billion), 2016-20
- Table 27: Europe gdp (current prices, \$ billion), 2016-20
- Table 28: Europe inflation, 2016-20
- Table 29: Europe consumer price index (absolute), 2016-20
- Table 30: Europe exchange rate, 2016-20
- Table 31: Finland power generation industry value: \$ billion, 2016-20
- Table 32: Finland power generation industry volume: TWh, 2016-20
- Table 33: Finland power generation industry category segmentation: TWh, 2020
- Table 34: Finland power generation industry geography segmentation: \$ billion, 2020

- Table 35: Finland power generation industry value forecast: \$ billion, 2020-25
- Table 36: Finland power generation industry volume forecast: TWh, 2020-25
- Table 37: Finland size of population (million), 2016-20
- Table 38: Finland gdp (constant 2005 prices, \$ billion), 2016-20
- Table 39: Finland gdp (current prices, \$ billion), 2016-20
- Table 40: Finland inflation, 2016-20
- Table 41: Finland consumer price index (absolute), 2016-20
- Table 42: Finland exchange rate, 2016-20
- Table 43: France power generation industry value: \$ billion, 2016-20
- Table 44: France power generation industry volume: TWh, 2016-20
- Table 45: France power generation industry category segmentation: TWh, 2020
- Table 46: France power generation industry geography segmentation: \$ billion, 2020
- Table 47: France power generation industry value forecast: \$ billion, 2020-25
- Table 48: France power generation industry volume forecast: TWh, 2020-25
- Table 49: France size of population (million), 2016-20
- Table 50: France gdp (constant 2005 prices, \$ billion), 2016-20
- Table 51: France gdp (current prices, \$ billion), 2016-20
- Table 52: France inflation, 2016-20
- Table 53: France consumer price index (absolute), 2016-20
- Table 54: France exchange rate, 2016-20
- Table 55: Germany power generation industry value: \$ billion, 2016-20
- Table 56: Germany power generation industry volume: TWh, 2016-20
- Table 57: Germany power generation industry category segmentation: TWh, 2020
- Table 58: Germany power generation industry geography segmentation: \$ billion, 2020
- Table 59: Germany power generation industry value forecast: \$ billion, 2020-25
- Table 60: Germany power generation industry volume forecast: TWh, 2020-25
- Table 61: Germany size of population (million), 2016-20
- Table 62: Germany gdp (constant 2005 prices, \$ billion), 2016-20
- Table 63: Germany gdp (current prices, \$ billion), 2016-20
- Table 64: Germany inflation, 2016-20
- Table 65: Germany consumer price index (absolute), 2016-20
- Table 66: Germany exchange rate, 2016-20
- Table 67: India power generation industry value: \$ billion, 2016-20
- Table 68: India power generation industry volume: TWh, 2016-20
- Table 69: India power generation industry category segmentation: TWh, 2020
- Table 70: India power generation industry geography segmentation: \$ billion, 2020
- Table 71: India power generation industry value forecast: \$ billion, 2020-25
- Table 72: India power generation industry volume forecast: TWh, 2020-25

List Of Figures

LIST OF FIGURES

Figure 1: Global power generation industry value: \$ billion, 2016-20

Figure 2: Global power generation industry volume: TWh, 2016-20

Figure 3: Global power generation industry category segmentation: % share, by volume, 2020

Figure 4: Global power generation industry geography segmentation: % share, by value, 2020

Figure 5: Global power generation industry value forecast: \$ billion, 2020-25

Figure 6: Global power generation industry volume forecast: TWh, 2020-25

Figure 7: Forces driving competition in the global power generation industry, 2020

Figure 8: Drivers of buyer power in the global power generation industry, 2020

Figure 9: Drivers of supplier power in the global power generation industry, 2020

Figure 10: Factors influencing the likelihood of new entrants in the global power generation industry, 2020

Figure 11: Factors influencing the threat of substitutes in the global power generation industry, 2020

Figure 12: Drivers of degree of rivalry in the global power generation industry, 2020

Figure 13: Asia-Pacific power generation industry value: \$ billion, 2016-20

Figure 14: Asia-Pacific power generation industry volume: TWh, 2016-20

Figure 15: Asia-Pacific power generation industry category segmentation: % share, by volume, 2020

Figure 16: Asia-Pacific power generation industry geography segmentation: % share, by value, 2020

Figure 17: Asia-Pacific power generation industry value forecast: \$ billion, 2020-25

Figure 18: Asia-Pacific power generation industry volume forecast: TWh, 2020-25

Figure 19: Forces driving competition in the power generation industry in Asia-Pacific, 2020

Figure 20: Drivers of buyer power in the power generation industry in Asia-Pacific, 2020

Figure 21: Drivers of supplier power in the power generation industry in Asia-Pacific, 2020

Figure 22: Factors influencing the likelihood of new entrants in the power generation industry in Asia-Pacific, 2020

Figure 23: Factors influencing the threat of substitutes in the power generation industry in Asia-Pacific, 2020

Figure 24: Drivers of degree of rivalry in the power generation industry in Asia-Pacific, 2020

Figure 25: Europe power generation industry value: \$ billion, 2016-20

Figure 26: Europe power generation industry volume: TWh, 2016-20

Figure 27: Europe power generation industry category segmentation: % share, by volume, 2020

Figure 28: Europe power generation industry geography segmentation: % share, by value, 2020

Figure 29: Europe power generation industry value forecast: \$ billion, 2020-25

Figure 30: Europe power generation industry volume forecast: TWh, 2020-25

Figure 31: Forces driving competition in the power generation industry in Europe, 2020

Figure 32: Drivers of buyer power in the power generation industry in Europe, 2020

Figure 33: Drivers of supplier power in the power generation industry in Europe, 2020

Figure 34: Factors influencing the likelihood of new entrants in the power generation industry in Europe, 2020

Figure 35: Factors influencing the threat of substitutes in the power generation industry in Europe, 2020

Figure 36: Drivers of degree of rivalry in the power generation industry in Europe, 2020

Figure 37: Finland power generation industry value: \$ billion, 2016-20

Figure 38: Finland power generation industry volume: TWh, 2016-20

Figure 39: Finland power generation industry category segmentation: % share, by volume, 2020

Figure 40: Finland power generation industry geography segmentation: % share, by value, 2020

Figure 41: Finland power generation industry value forecast: \$ billion, 2020-25

Figure 42: Finland power generation industry volume forecast: TWh, 2020-25

Figure 43: Forces driving competition in the power generation industry in Finland, 2020

Figure 44: Drivers of buyer power in the power generation industry in Finland, 2020

Figure 45: Drivers of supplier power in the power generation industry in Finland, 2020

Figure 46: Factors influencing the likelihood of new entrants in the power generation industry in Finland, 2020

Figure 47: Factors influencing the threat of substitutes in the power generation industry in Finland, 2020

Figure 48: Drivers of degree of rivalry in the power generation industry in Finland, 2020

Figure 49: France power generation industry value: \$ billion, 2016-20

Figure 50: France power generation industry volume: TWh, 2016-20

Figure 51: France power generation industry category segmentation: % share, by volume, 2020

Figure 52: France power generation industry geography segmentation: % share, by value, 2020

Figure 53: France power generation industry value forecast: \$ billion, 2020-25

Figure 54: France power generation industry volume forecast: TWh, 2020-25

Figure 55: Forces driving competition in the power generation industry in France, 2020

Figure 56: Drivers of buyer power in the power generation industry in France, 2020

Figure 57: Drivers of supplier power in the power generation industry in France, 2020

Figure 58: Factors influencing the likelihood of new entrants in the power generation industry in France, 2020

Figure 59: Factors influencing the threat of substitutes in the power generation industry in France, 2020

Figure 60: Drivers of degree of rivalry in the power generation industry in France, 2020

Figure 61: Germany power generation industry value: \$ billion, 2016-20

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