

Renewable Energy Market Summary, Competitive Analysis and Forecast to 2027

<https://marketpublishers.com/r/RCDD6CA7FDE5EN.html>

Date: August 2023

Pages: 455

Price: US\$ 1,495.00 (Single User License)

ID: RCDD6CA7FDE5EN

Abstracts

Renewable Energy Market Summary, Competitive Analysis and Forecast to 2027

Summary

Global Renewable Energy industry profile provides top-line qualitative and quantitative summary information including: market size (value and volume 2018-22, and forecast to 2027). The profile also contains descriptions of the leading players including key financial metrics and analysis of competitive pressures within the market.

Key Highlights

The renewable energy market consists of the net generation of electricity through renewable sources. It is divided into five segments, these being hydroelectricity, wind energy, solar, biomass, and geothermal. The volume of the market is calculated as the net volume of electricity produced through renewable means. The value of the industry is the amount of electricity produced multiplied by the wholesale price data for electricity generation.

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 2022 annual average exchange rates.

The global renewable energy market had total revenues of \$514.7 billion in 2022, representing a compound annual growth rate (CAGR) of 7.1% between 2017 and 2022.

Market production volume increased with a CAGR of 7.1% between 2017 and 2022, to reach a total of 7,642,441.3 GWh in 2022.

Due to mounting environmental concerns and pressure to lessen the adverse impacts of greenhouse gases (GHG), the energy generation market has seen growth in terms of the installed capacity of renewable sources in recent years.

Scope

Save time carrying out entry-level research by identifying the size, growth, major segments, and leading players in the global renewable energy market

Use the Five Forces analysis to determine the competitive intensity and therefore attractiveness of the global renewable energy market

Leading company profiles reveal details of key renewable energy market players' global operations and financial performance

Add weight to presentations and pitches by understanding the future growth prospects of the global renewable energy market with five year forecasts by both value and volume

Reasons to Buy

What was the size of the global renewable energy market by value in 2022?

What will be the size of the global renewable energy market in 2027?

What factors are affecting the strength of competition in the global renewable energy market?

How has the market performed over the last five years?

What are the main segments that make up the global renewable energy market?

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 RENEWABLE ENERGY

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

4 MACROECONOMIC INDICATORS

- 4.1. Country data

5 RENEWABLE ENERGY IN ASIA-PACIFIC

- 5.1. Market Overview
- 5.2. Market Data
- 5.3. Market Segmentation
- 5.4. Market outlook
- 5.5. Five forces analysis

6 RENEWABLE ENERGY IN EUROPE

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

7 MACROECONOMIC INDICATORS

- 7.1. Country data

8 RENEWABLE ENERGY IN FRANCE

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

9 MACROECONOMIC INDICATORS

- 9.1. Country data

10 RENEWABLE ENERGY IN GERMANY

- 10.1. Market Overview
- 10.2. Market Data
- 10.3. Market Segmentation
- 10.4. Market outlook
- 10.5. Five forces analysis

11 MACROECONOMIC INDICATORS

- 11.1. Country data

12 RENEWABLE ENERGY IN ITALY

- 12.1. Market Overview

- 12.2. Market Data
- 12.3. Market Segmentation
- 12.4. Market outlook
- 12.5. Five forces analysis

13 MACROECONOMIC INDICATORS

- 13.1. Country data

14 RENEWABLE ENERGY IN JAPAN

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

15 MACROECONOMIC INDICATORS

- 15.1. Country data

16 RENEWABLE ENERGY IN AUSTRALIA

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

17 MACROECONOMIC INDICATORS

- 17.1. Country data

18 RENEWABLE ENERGY IN CANADA

- 18.1. Market Overview
- 18.2. Market Data
- 18.3. Market Segmentation
- 18.4. Market outlook

18.5. Five forces analysis

19 MACROECONOMIC INDICATORS

19.1. Country data

20 RENEWABLE ENERGY IN CHINA

20.1. Market Overview

20.2. Market Data

20.3. Market Segmentation

20.4. Market outlook

20.5. Five forces analysis

21 MACROECONOMIC INDICATORS

21.1. Country data

22 RENEWABLE ENERGY IN THE NETHERLANDS

22.1. Market Overview

22.2. Market Data

22.3. Market Segmentation

22.4. Market outlook

22.5. Five forces analysis

23 MACROECONOMIC INDICATORS

23.1. Country data

24 RENEWABLE ENERGY IN SPAIN

24.1. Market Overview

24.2. Market Data

24.3. Market Segmentation

24.4. Market outlook

24.5. Five forces analysis

25 MACROECONOMIC INDICATORS

25.1. Country data

26 RENEWABLE ENERGY IN THE UNITED KINGDOM

26.1. Market Overview

26.2. Market Data

26.3. Market Segmentation

26.4. Market outlook

26.5. Five forces analysis

27 MACROECONOMIC INDICATORS

27.1. Country data

28 RENEWABLE ENERGY IN THE UNITED STATES

28.1. Market Overview

28.2. Market Data

28.3. Market Segmentation

28.4. Market outlook

28.5. Five forces analysis

29 MACROECONOMIC INDICATORS

29.1. Country data

30 COMPANY PROFILES

30.1. China Three Gorges Corp

30.2. Adani Green Energy Ltd

30.3. Direct Energie SA

30.4. Electricite de France SA

30.5. Engie SA

30.6. EnBW Energie Baden-Wurtemberg A.G.

30.7. Edison S.p.A.

30.8. Enel Green Power SpA

30.9. ERG SpA

30.10. Eni S.p.A

- 30.11. The Tokyo Electric Power Company Holdings., Incorporated
- 30.12. Tohoku Electric Power Company, Incorporated
- 30.13. Iberdrola, S.A.
- 30.14. The Kansai Electric Power Co, Incorporated
- 30.15. Origin Energy Limited
- 30.16. AGL Energy Limited
- 30.17. Snowy Hydro Ltd
- 30.18. BC Hydro
- 30.19. Hydro-Quebec
- 30.20. Ontario Power Generation Inc.
- 30.21. TransAlta Corporation
- 30.22. Hanergy Holding Group Ltd
- 30.23. Huaneng Renewables Corporation Ltd
- 30.24. Vattenfall AB.
- 30.25. Eneco UK Ltd
- 30.26. Acciona SA
- 30.27. Naturgy Energy Group SA
- 30.28. Orsted AS
- 30.29. E.ON Climate & Renewables GmbH
- 30.30. EDF Energy Renewables Ltd
- 30.31. SSE Plc.
- 30.32. NextEra Energy, Inc.
- 30.33. Enel Green Power North America Inc.
- 30.34. First Solar, Inc.
- 30.35. General Electric Company

31 APPENDIX

- 31.1. Methodology
- 31.2. About MarketLine

List Of Tables

LIST OF TABLES

Table 1: Global renewable energy market value: \$ million, 2017-22

Table 2: Global renewable energy market volume: GWh, 2017–22

Table 3: Global renewable energy market category segmentation: % share, by value, 2017–2022

Table 4: Global renewable energy market category segmentation: \$ million, 2017-2022

Table 5: Global renewable energy market geography segmentation: \$ million, 2022

Table 6: Global renewable energy market value forecast: \$ million, 2022–27

Table 7: Global renewable energy market volume forecast: GWh, 2022–27

Table 8: Global size of population (million), 2018–22

Table 9: Global gdp (constant 2005 prices, \$ billion), 2018–22

Table 10: Global gdp (current prices, \$ billion), 2018–22

Table 11: Global inflation, 2018–22

Table 12: Global consumer price index (absolute), 2018–22

Table 13: Global exchange rate, 2018–22

Table 14: Asia-Pacific renewable energy market value: \$ million, 2017-22

Table 15: Asia–Pacific renewable energy market volume: GWh, 2017–22

Table 16: Asia–Pacific renewable energy market category segmentation: % share, by value, 2017–2022

Table 17: Asia-Pacific renewable energy market category segmentation: \$ million, 2017-2022

Table 18: Asia–Pacific renewable energy market geography segmentation: \$ million, 2022

Table 19: Asia-Pacific renewable energy market value forecast: \$ million, 2022–27

Table 20: Asia–Pacific renewable energy market volume forecast: GWh, 2022–27

Table 21: Europe renewable energy market value: \$ million, 2017-22

Table 22: Europe renewable energy market volume: GWh, 2017–22

Table 23: Europe renewable energy market category segmentation: % share, by value, 2017–2022

Table 24: Europe renewable energy market category segmentation: \$ million, 2017-2022

Table 25: Europe renewable energy market geography segmentation: \$ million, 2022

Table 26: Europe renewable energy market value forecast: \$ million, 2022–27

Table 27: Europe renewable energy market volume forecast: GWh, 2022–27

Table 28: Europe size of population (million), 2018–22

Table 29: Europe gdp (constant 2005 prices, \$ billion), 2018–22

Table 30: Europe gdp (current prices, \$ billion), 2018–22

Table 31: Europe inflation, 2018–22

Table 32: Europe consumer price index (absolute), 2018–22

Table 33: Europe exchange rate, 2018–22

Table 34: France renewable energy market value: \$ million, 2017-22

Table 35: France renewable energy market volume: GWh, 2017–22

Table 36: France renewable energy market category segmentation: % share, by value, 2017–2022

Table 37: France renewable energy market category segmentation: \$ million, 2017-2022

Table 38: France renewable energy market geography segmentation: \$ million, 2022

Table 39: France renewable energy market value forecast: \$ million, 2022–27

Table 40: France renewable energy market volume forecast: GWh, 2022–27

Table 41: France size of population (million), 2018–22

Table 42: France gdp (constant 2005 prices, \$ billion), 2018–22

Table 43: France gdp (current prices, \$ billion), 2018–22

Table 44: France inflation, 2018–22

Table 45: France consumer price index (absolute), 2018–22

Table 46: France exchange rate, 2018–22

Table 47: Germany renewable energy market value: \$ million, 2017-22

Table 48: Germany renewable energy market volume: GWh, 2017–22

Table 49: Germany renewable energy market category segmentation: % share, by value, 2017–2022

Table 50: Germany renewable energy market category segmentation: \$ million, 2017-2022

Table 51: Germany renewable energy market geography segmentation: \$ million, 2022

Table 52: Germany renewable energy market value forecast: \$ million, 2022–27

Table 53: Germany renewable energy market volume forecast: GWh, 2022–27

Table 54: Germany size of population (million), 2018–22

Table 55: Germany gdp (constant 2005 prices, \$ billion), 2018–22

Table 56: Germany gdp (current prices, \$ billion), 2018–22

Table 57: Germany inflation, 2018–22

Table 58: Germany consumer price index (absolute), 2018–22

Table 59: Germany exchange rate, 2018–22

Table 60: Italy renewable energy market value: \$ million, 2017-22

Table 61: Italy renewable energy market volume: GWh, 2017–22

Table 62: Italy renewable energy market category segmentation: % share, by value, 2017–2022

Table 63: Italy renewable energy market category segmentation: \$ million, 2017-2022

- Table 64: Italy renewable energy market geography segmentation: \$ million, 2022
- Table 65: Italy renewable energy market value forecast: \$ million, 2022–27
- Table 66: Italy renewable energy market volume forecast: GWh, 2022–27
- Table 67: Italy size of population (million), 2018–22
- Table 68: Italy gdp (constant 2005 prices, \$ billion), 2018–22
- Table 69: Italy gdp (current prices, \$ billion), 2018–22
- Table 70: Italy inflation, 2018–22
- Table 71: Italy consumer price index (absolute), 2018–22
- Table 72: Italy exchange rate, 2018–22
- Table 73: Japan renewable energy market value: \$ million, 2017-22
- Table 74: Japan renewable energy market volume: GWh, 2017–22
- Table 75: Japan renewable energy market category segmentation: % share, by value, 2017–2022
- Table 76: Japan renewable energy market category segmentation: \$ million, 2017-2022
- Table 77: Japan renewable energy market geography segmentation: \$ million, 2022
- Table 78: Japan renewable energy market value forecast: \$ million, 2022–27
- Table 79: Japan renewable energy market volume forecast: GWh, 2022–27
- Table 80: Japan size of population (million), 2018–22
- Table 81: Japan gdp (constant 2005 prices, \$ billion), 2018–22
- Table 82: Japan gdp (current prices, \$ billion), 2018–22
- Table 83: Japan inflation, 2018–22
- Table 84: Japan consumer price index (absolute), 2018–22
- Table 85: Japan exchange rate, 2018–22
- Table 86: Australia renewable energy market value: \$ million, 2017-22
- Table 87: Australia renewable energy market volume: GWh, 2017–22
- Table 88: Australia renewable energy market category segmentation: % share, by value, 2017–2022
- Table 89: Australia renewable energy market category segmentation: \$ million, 2017-2022
- Table 90: Australia renewable energy market geography segmentation: \$ million, 2022

List Of Figures

LIST OF FIGURES

Figure 1: Global renewable energy market value: \$ million, 2017-22

Figure 2: Global renewable energy market volume: GWh, 2017–22

Figure 3: Global renewable energy market category segmentation: \$ million, 2017-2022

Figure 4: Global renewable energy market geography segmentation: % share, by value, 2022

Figure 5: Global renewable energy market value forecast: \$ million, 2022–27

Figure 6: Global renewable energy market volume forecast: GWh, 2022–27

Figure 7: Forces driving competition in the global renewable energy market, 2022

Figure 8: Drivers of buyer power in the global renewable energy market, 2022

Figure 9: Drivers of supplier power in the global renewable energy market, 2022

Figure 10: Factors influencing the likelihood of new entrants in the global renewable energy market, 2022

Figure 11: Factors influencing the threat of substitutes in the global renewable energy market, 2022

Figure 12: Drivers of degree of rivalry in the global renewable energy market, 2022

Figure 13: Asia-Pacific renewable energy market value: \$ million, 2017-22

Figure 14: Asia–Pacific renewable energy market volume: GWh, 2017–22

Figure 15: Asia-Pacific renewable energy market category segmentation: \$ million, 2017-2022

Figure 16: Asia–Pacific renewable energy market geography segmentation: % share, by value, 2022

Figure 17: Asia-Pacific renewable energy market value forecast: \$ million, 2022–27

Figure 18: Asia–Pacific renewable energy market volume forecast: GWh, 2022–27

Figure 19: Forces driving competition in the renewable energy market in Asia-Pacific, 2022

Figure 20: Drivers of buyer power in the renewable energy market in Asia-Pacific, 2022

Figure 21: Drivers of supplier power in the renewable energy market in Asia-Pacific, 2022

Figure 22: Factors influencing the likelihood of new entrants in the renewable energy market in Asia-Pacific, 2022

Figure 23: Factors influencing the threat of substitutes in the renewable energy market in Asia-Pacific, 2022

Figure 24: Drivers of degree of rivalry in the renewable energy market in Asia-Pacific, 2022

Figure 25: Europe renewable energy market value: \$ million, 2017-22

Figure 26: Europe renewable energy market volume: GWh, 2017–22

Figure 27: Europe renewable energy market category segmentation: \$ million, 2017-2022

Figure 28: Europe renewable energy market geography segmentation: % share, by value, 2022

Figure 29: Europe renewable energy market value forecast: \$ million, 2022–27

Figure 30: Europe renewable energy market volume forecast: GWh, 2022–27

Figure 31: Forces driving competition in the renewable energy market in Europe, 2022

Figure 32: Drivers of buyer power in the renewable energy market in Europe, 2022

Figure 33: Drivers of supplier power in the renewable energy market in Europe, 2022

Figure 34: Factors influencing the likelihood of new entrants in the renewable energy market in Europe, 2022

Figure 35: Factors influencing the threat of substitutes in the renewable energy market in Europe, 2022

Figure 36: Drivers of degree of rivalry in the renewable energy market in Europe, 2022

Figure 37: France renewable energy market value: \$ million, 2017-22

Figure 38: France renewable energy market volume: GWh, 2017–22

Figure 39: France renewable energy market category segmentation: \$ million, 2017-2022

Figure 40: France renewable energy market geography segmentation: % share, by value, 2022

Figure 41: France renewable energy market value forecast: \$ million, 2022–27

Figure 42: France renewable energy market volume forecast: GWh, 2022–27

Figure 43: Forces driving competition in the renewable energy market in France, 2022

Figure 44: Drivers of buyer power in the renewable energy market in France, 2022

Figure 45: Drivers of supplier power in the renewable energy market in France, 2022

Figure 46: Factors influencing the likelihood of new entrants in the renewable energy market in France, 2022

Figure 47: Factors influencing the threat of substitutes in the renewable energy market in France, 2022

Figure 48: Drivers of degree of rivalry in the renewable energy market in France, 2022

Figure 49: Germany renewable energy market value: \$ million, 2017-22

Figure 50: Germany renewable energy market volume: GWh, 2017–22

Figure 51: Germany renewable energy market category segmentation: \$ million, 2017-2022

Figure 52: Germany renewable energy market geography segmentation: % share, by value, 2022

Figure 53: Germany renewable energy market value forecast: \$ million, 2022–27

Figure 54: Germany renewable energy market volume forecast: GWh, 2022–27

Figure 55: Forces driving competition in the renewable energy market in Germany, 2022

Figure 56: Drivers of buyer power in the renewable energy market in Germany, 2022

Figure 57: Drivers of supplier power in the renewable energy market in Germany, 2022

Figure 58: Factors influencing the likelihood of new entrants in the renewable energy market in Germany, 2022

Figure 59: Factors influencing the threat of substitutes in the renewable energy market in Germany, 2022

Figure 60: Drivers of degree of rivalry in the renewable energy market in Germany, 2022

Figure 61: Italy renewable energy market value: \$ million, 2017-22

Figure 62: Italy renewable energy market volume: GWh, 2017–22

Figure 63: Italy renewable energy market category segmentation: \$ million, 2017-2022

Figure 64: Italy renewable energy market geography segmentation: % share, by value, 2022

Figure 65: Italy renewable energy market value forecast: \$ million, 2022–27

Figure 66: Italy renewable energy market volume forecast: GWh, 2022–27

Figure 67: Forces driving competition in the renewable energy market in Italy, 2022

Figure 68: Drivers of buyer power in the renewable energy market in Italy, 2022

Figure 69: Drivers of supplier power in the renewable energy market in Italy, 2022

Figure 70: Factors influencing the likelihood of new entrants in the renewable energy market in Italy, 2022

Figure 71: Factors influencing the threat of substitutes in the renewable energy market in Italy, 2022

Figure 72: Drivers of degree of rivalry in the renewable energy market in Italy, 2022

Figure 73: Japan renewable energy market value: \$ million, 2017-22

Figure 74: Japan renewable energy market volume: GWh, 2017–22

Figure 75: Japan renewable energy market category segmentation: \$ million, 2017-2022

Figure 76: Japan renewable energy market geography segmentation: % share, by value, 2022

Figure 77: Japan renewable energy market value forecast: \$ million, 2022–27

Figure 78: Japan renewable energy market volume forecast: GWh, 2022–27

Figure 79: Forces driving competition in the renewable energy market in Japan, 2022

Figure 80: Drivers of buyer power in the renewable energy market in Japan, 2022

Figure 81: Drivers of supplier power in the renewable energy market in Japan, 2022

Figure 82: Factors influencing the likelihood of new entrants in the renewable energy market in Japan, 2022

Figure 83: Factors influencing the threat of substitutes in the renewable energy market in Japan, 2022

Figure 84: Drivers of degree of rivalry in the renewable energy market in Japan, 2022

Figure 85: Australia renewable energy market value: \$ million, 2017-22

Figure 86: Australia renewable energy market volume: GWh, 2017–22

Figure 87: Australia renewable energy market category segmentation: \$ million, 2017-2022

Figure 88: Australia renewable energy market geography segmentation: % share, by value, 2022

Figure 89: Australia renewable energy market value forecast: \$ million, 2022–27

Figure 90: Australia renewable energy market volume forecast: GWh, 2022–27

I would like to order

Product name: Renewable Energy Market Summary, Competitive Analysis and Forecast to 2027

Product link: <https://marketpublishers.com/r/RCDD6CA7FDE5EN.html>

Price: US\$ 1,495.00 (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/RCDD6CA7FDE5EN.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