

Global Distributed Energy Generation Market Size study, by Technology (Wind Turbine, Solar Photovoltaic, Reciprocating Engines, Fuel Cells, Gas & Steam Turbine), by Application (Residential, Commercial & Industrial) and Regional Forecasts 2020-2027

<https://marketpublishers.com/r/GCD655F514C1EN.html>

Date: February 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GCD655F514C1EN

Abstracts

Global Distributed Energy Generation Market is valued at approximately USD 243 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 11.5% over the forecast period 2020-2027. The distributed energy generation (DEG) is a kind of decentralized system used to produce electricity energy and is served to homes, businesses, and industrial areas. These systems are frequently performed their functions through using technologies, such as solar power and fuel cells. More often, distributed energy generation systems are utilized to offer as substitute or addition to the conventional electric power system, and they deliver small-scale electricity generation (usually in the range of 1 kW to 10,000 kW). Distributed energy can be derived from both renewable and non-renewable sources. Furthermore, the deployment of distributed energy generation system also becomes more significant in many countries, with the legislative package on the new electricity market. For instance, the European Commission's has developed a new legislative policy within the Clean Energy Package. As such, the revised Electricity Regulation, which will enter into force on 1st January 2020, opens up opportunities for electricity wholesale markets to renewables, and energy storage. This, in turn, is expected to accelerate the installation of distributed energy generation system in the region. Moreover, the rise in investments in renewable energy projects and smart grid infrastructure, along with growing government focus on reduction of carbon footprint level and usage of cleaner energy resources are the few factors responsible for the high CAGR of the market during the

forecast period. For instance, in 2020, the Korean government planned to invest 11 trillion won (USD 9 billion) in renewable energy projects for the upcoming three years. Whereas, Southeast Asian countries will invest USD 9.8 billion in smart grid infrastructure from 2018 to 2027. This, in turn, is likely to strengthen the demand for distributed energy generation, thereby contributing to the market growth around the world. However, the regulatory issues associated with distinct distributed energy resources is one of the prime the few factors restraining the market growth over the forecast period of 2020-2027.

The regional analysis of the global Distributed Energy Generation market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia-Pacific is the leading/significant region across the world in terms of market share owing to the rising renewable energy generation capacity, along with the growing investment & deployment of smart grid and microgrid in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the stringent government norms concerning environment safety and emission, coupled with the presence of significant number of market players across the developing nations, such as China and India, are the few factors creating a lucrative opportunity for the growth of the Distributed Energy Generation market in the Asia-Pacific region.

Major market player included in this report are:

Vestas Wind Systems A/S

Capstone Turbine Corporation

Caterpillar

Ballard Power Systems Inc.

Doosan Heavy Industries & Construction

Rolls-Royce plc

Suzlon Energy Limited

General Electric

Siemens

Schneider Electric

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report

shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Wind Turbine

Solar Photovoltaic

Reciprocating Engines

Fuel Cells

Gas & Steam Turbine

By Application:

Residential

Commercial & Industrial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Distributed Energy Generation Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Distributed Energy Generation Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Distributed Energy Generation Market, by Technology, 2018-2027 (USD Billion)
 - 1.2.3. Distributed Energy Generation Market, by Application, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL DISTRIBUTED ENERGY GENERATION MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL DISTRIBUTED ENERGY GENERATION MARKET DYNAMICS

- 3.1. Distributed Energy Generation Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL DISTRIBUTED ENERGY GENERATION MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes

- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DISTRIBUTED ENERGY GENERATION MARKET, BY TECHNOLOGY

- 5.1. Market Snapshot
- 5.2. Global Distributed Energy Generation Market by Technology, Performance - Potential Analysis
- 5.3. Global Distributed Energy Generation Market Estimates & Forecasts by Technology 2017-2027 (USD Billion)
- 5.4. Distributed Energy Generation Market, Sub Segment Analysis
 - 5.4.1. Wind Turbine
 - 5.4.2. Solar Photovoltaic
 - 5.4.3. Reciprocating Engines
 - 5.4.4. Fuel Cells
 - 5.4.5. Gas & Steam Turbine

CHAPTER 6. GLOBAL DISTRIBUTED ENERGY GENERATION MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Distributed Energy Generation Market by Application, Performance - Potential Analysis
- 6.3. Global Distributed Energy Generation Market Estimates & Forecasts by Application 2017-2027 (USD Billion)
- 6.4. Distributed Energy Generation Market, Sub Segment Analysis
 - 6.4.1. Residential
 - 6.4.2. Commercial & Industrial

CHAPTER 7. GLOBAL DISTRIBUTED ENERGY GENERATION MARKET, REGIONAL ANALYSIS

- 7.1. Distributed Energy Generation Market, Regional Market Snapshot
- 7.2. North America Distributed Energy Generation Market
 - 7.2.1. U.S. Distributed Energy Generation Market
 - 7.2.1.1. Technology breakdown estimates & forecasts, 2017-2027
 - 7.2.1.2. Application breakdown estimates & forecasts, 2017-2027
 - 7.2.2. Canada Distributed Energy Generation Market
- 7.3. Europe Distributed Energy Generation Market Snapshot
 - 7.3.1. U.K. Distributed Energy Generation Market
 - 7.3.2. Germany Distributed Energy Generation Market
 - 7.3.3. France Distributed Energy Generation Market
 - 7.3.4. Spain Distributed Energy Generation Market
 - 7.3.5. Italy Distributed Energy Generation Market
 - 7.3.6. Rest of Europe Distributed Energy Generation Market
- 7.4. Asia-Pacific Distributed Energy Generation Market Snapshot
 - 7.4.1. China Distributed Energy Generation Market
 - 7.4.2. India Distributed Energy Generation Market
 - 7.4.3. Japan Distributed Energy Generation Market
 - 7.4.4. Australia Distributed Energy Generation Market
 - 7.4.5. South Korea Distributed Energy Generation Market
 - 7.4.6. Rest of Asia Pacific Distributed Energy Generation Market
- 7.5. Latin America Distributed Energy Generation Market Snapshot
 - 7.5.1. Brazil Distributed Energy Generation Market
 - 7.5.2. Mexico Distributed Energy Generation Market
- 7.6. Rest of The World Distributed Energy Generation Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. Vestas Wind Systems A/S
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. Capstone Turbine Corporation
 - 8.2.3. Caterpillar
 - 8.2.4. Ballard Power Systems Inc.

8.2.5. Doosan Heavy Industries & Construction

8.2.6. Rolls-Royce plc

8.2.7. Suzlon Energy Limited

8.2.8. General Electric

8.2.9. Siemens

8.2.10. Schneider Electric

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Distributed Energy Generation market, report scope

TABLE 2. Global Distributed Energy Generation market estimates & forecasts by region 2017-2027 (USD Billion)

TABLE 3. Global Distributed Energy Generation market estimates & forecasts by Technology 2017-2027 (USD Billion)

TABLE 4. Global Distributed Energy Generation market estimates & forecasts by Application 2017-2027 (USD Billion)

TABLE 5. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 6. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 7. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 8. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 9. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 10. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 11. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 12. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 13. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 14. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 15. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 16. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 17. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 18. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 19. Global Distributed Energy Generation market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 20. Global Distributed Energy Generation market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 21. U.S. Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. U.S. Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 23. U.S. Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 24. Canada Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 25. Canada Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 26. Canada Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 27. UK Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 28. UK Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 29. UK Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 30. Germany Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 31. Germany Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 32. Germany Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 33. France Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 34. France Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 35. France Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 36. Spain Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 37. Spain Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 38. Spain Distributed Energy Generation market estimates & forecasts by

segment 2017-2027 (USD Billion)

TABLE 39. Italy Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 40. Italy Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 41. Italy Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 42. ROE Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 43. ROE Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 44. ROE Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 45. China Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 46. China Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 47. China Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 48. India Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 49. India Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 50. India Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 51. Japan Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 52. Japan Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 53. Japan Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 54. Australia Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 55. Australia Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 56. Australia Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 57. South Korea Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 58. South Korea Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 59. South Korea Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 60. ROPAC Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 61. ROPAC Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 62. ROPAC Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 63. Brazil Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 64. Brazil Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 65. Brazil Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 66. Mexico Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 67. Mexico Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 68. Mexico Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 69. ROLA Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 70. ROLA Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 71. ROLA Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 72. ROW Distributed Energy Generation market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 73. ROW Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 74. ROW Distributed Energy Generation market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 75. List of secondary sources, used in the study of global Distributed Energy Generation market

TABLE 76. List of primary sources, used in the study of global Distributed Energy Generation market

TABLE 77. Years considered for the study

TABLE 78. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Distributed Energy Generation market, research methodology
- FIG 2. Global Distributed Energy Generation market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Distributed Energy Generation market, key trends 2019
- FIG 5. Global Distributed Energy Generation market, growth prospects 2020-2027
- FIG 6. Global Distributed Energy Generation market, porters 5 force model
- FIG 7. Global Distributed Energy Generation market, pest analysis
- FIG 8. Global Distributed Energy Generation market, value chain analysis
- FIG 9. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Distributed Energy Generation market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Distributed Energy Generation market, regional snapshot 2017 & 2027
- FIG 18. North America Distributed Energy Generation market 2017 & 2027 (USD Billion)
- FIG 19. Europe Distributed Energy Generation market 2017 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Distributed Energy Generation market 2017 & 2027 (USD Billion)
- FIG 21. Latin America Distributed Energy Generation market 2017 & 2027 (USD Billion)
- FIG 22. Global Distributed Energy Generation market, company market share analysis (2019)

I would like to order

Product name: Global Distributed Energy Generation Market Size study, by Technology (Wind Turbine, Solar Photovoltaic, Reciprocating Engines, Fuel Cells, Gas & Steam Turbine), by Application (Residential, Commercial & Industrial) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/GCD655F514C1EN.html>

Price: US\$ 4,950.00 (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/GCD655F514C1EN.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