

Global Distributed Generation (DG) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G608FDBF44FGEN.html>

Date: November 2024

Pages: 137

Price: US\$ 3,480.00 (Single User License)

ID: G608FDBF44FGEN

Abstracts

According to our (Global Info Research) latest study, the global Distributed Generation (DG) market size was valued at USD 60530 million in 2023 and is forecast to a readjusted size of USD 92410 million by 2030 with a CAGR of 6.2% during review period.

Distributed generation, also known as distributed energy, on-site generation (OSG) or district/decentralized energy is electrical generation and storage performed by a variety of small, grid-connected devices referred to as distributed energy resources.

Europe is expected to dominate the distributed generation market during the forecast period, owing to the continued increase in energy consumption mainly from by the industrial and commercial sectors, which contributed to the largest demand for distributed generation. The demands from the IT and telecommunication sectors are also driving the market.

The Global Info Research report includes an overview of the development of the Distributed Generation (DG) industry chain, the market status of Residential (Solar Photovoltaic, Wind Turbine), Commercial (Solar Photovoltaic, Wind Turbine), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Distributed Generation (DG).

Regionally, the report analyzes the Distributed Generation (DG) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Distributed Generation (DG) market, with robust domestic demand,

supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Distributed Generation (DG) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Distributed Generation (DG) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Solar Photovoltaic, Wind Turbine).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Distributed Generation (DG) market.

Regional Analysis: The report involves examining the Distributed Generation (DG) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Distributed Generation (DG) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Distributed Generation (DG):

Company Analysis: Report covers individual Distributed Generation (DG) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Distributed Generation (DG) This may involve surveys, interviews, and

analysis of consumer reviews and feedback from different by Application (Residential, Commercial).

Technology Analysis: Report covers specific technologies relevant to Distributed Generation (DG). It assesses the current state, advancements, and potential future developments in Distributed Generation (DG) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Distributed Generation (DG) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Distributed Generation (DG) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Solar Photovoltaic

Wind Turbine

Reciprocating Engines

Micro Turbines

Fuel Cells

Market segment by Application

Residential

Commercial

Industrial

Major players covered

Alstom

E.On. Se

Caterpillar Power Plants

Siemens Energy

Doosan Fuel Cell America

Ballard Power Systems

General Electrical Power

Sharp Corporation

Enercon

Bloom Energy

Capstone Turbine Corporation

Fuel Cell Energy

Opra Turbines

Rolls-Royce Power Systems

Mitsubishi Hitachi Power Systems

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Distributed Generation (DG) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Distributed Generation (DG), with price, sales, revenue and global market share of Distributed Generation (DG) from 2019 to 2024.

Chapter 3, the Distributed Generation (DG) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Distributed Generation (DG) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Distributed Generation (DG) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Distributed Generation (DG).

Chapter 14 and 15, to describe Distributed Generation (DG) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Distributed Generation (DG)
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Distributed Generation (DG) Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Solar Photovoltaic
 - 1.3.3 Wind Turbine
 - 1.3.4 Reciprocating Engines
 - 1.3.5 Micro Turbines
 - 1.3.6 Fuel Cells
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Distributed Generation (DG) Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Residential
 - 1.4.3 Commercial
 - 1.4.4 Industrial
- 1.5 Global Distributed Generation (DG) Market Size & Forecast
 - 1.5.1 Global Distributed Generation (DG) Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Distributed Generation (DG) Sales Quantity (2019-2030)
 - 1.5.3 Global Distributed Generation (DG) Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Alstom
 - 2.1.1 Alstom Details
 - 2.1.2 Alstom Major Business
 - 2.1.3 Alstom Distributed Generation (DG) Product and Services
 - 2.1.4 Alstom Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Alstom Recent Developments/Updates
- 2.2 E.On. Se
 - 2.2.1 E.On. Se Details
 - 2.2.2 E.On. Se Major Business
 - 2.2.3 E.On. Se Distributed Generation (DG) Product and Services
 - 2.2.4 E.On. Se Distributed Generation (DG) Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.2.5 E.On. Se Recent Developments/Updates

2.3 Caterpillar Power Plants

2.3.1 Caterpillar Power Plants Details

2.3.2 Caterpillar Power Plants Major Business

2.3.3 Caterpillar Power Plants Distributed Generation (DG) Product and Services

2.3.4 Caterpillar Power Plants Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Caterpillar Power Plants Recent Developments/Updates

2.4 Siemens Energy

2.4.1 Siemens Energy Details

2.4.2 Siemens Energy Major Business

2.4.3 Siemens Energy Distributed Generation (DG) Product and Services

2.4.4 Siemens Energy Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Siemens Energy Recent Developments/Updates

2.5 Doosan Fuel Cell America

2.5.1 Doosan Fuel Cell America Details

2.5.2 Doosan Fuel Cell America Major Business

2.5.3 Doosan Fuel Cell America Distributed Generation (DG) Product and Services

2.5.4 Doosan Fuel Cell America Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Doosan Fuel Cell America Recent Developments/Updates

2.6 Ballard Power Systems

2.6.1 Ballard Power Systems Details

2.6.2 Ballard Power Systems Major Business

2.6.3 Ballard Power Systems Distributed Generation (DG) Product and Services

2.6.4 Ballard Power Systems Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Ballard Power Systems Recent Developments/Updates

2.7 General Electrical Power

2.7.1 General Electrical Power Details

2.7.2 General Electrical Power Major Business

2.7.3 General Electrical Power Distributed Generation (DG) Product and Services

2.7.4 General Electrical Power Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 General Electrical Power Recent Developments/Updates

2.8 Sharp Corporation

2.8.1 Sharp Corporation Details

- 2.8.2 Sharp Corporation Major Business
- 2.8.3 Sharp Corporation Distributed Generation (DG) Product and Services
- 2.8.4 Sharp Corporation Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Sharp Corporation Recent Developments/Updates
- 2.9 Enercon
 - 2.9.1 Enercon Details
 - 2.9.2 Enercon Major Business
 - 2.9.3 Enercon Distributed Generation (DG) Product and Services
 - 2.9.4 Enercon Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Enercon Recent Developments/Updates
- 2.10 Bloom Energy
 - 2.10.1 Bloom Energy Details
 - 2.10.2 Bloom Energy Major Business
 - 2.10.3 Bloom Energy Distributed Generation (DG) Product and Services
 - 2.10.4 Bloom Energy Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Bloom Energy Recent Developments/Updates
- 2.11 Capstone Turbine Corporation
 - 2.11.1 Capstone Turbine Corporation Details
 - 2.11.2 Capstone Turbine Corporation Major Business
 - 2.11.3 Capstone Turbine Corporation Distributed Generation (DG) Product and Services
 - 2.11.4 Capstone Turbine Corporation Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 Capstone Turbine Corporation Recent Developments/Updates
- 2.12 Fuel Cell Energy
 - 2.12.1 Fuel Cell Energy Details
 - 2.12.2 Fuel Cell Energy Major Business
 - 2.12.3 Fuel Cell Energy Distributed Generation (DG) Product and Services
 - 2.12.4 Fuel Cell Energy Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 Fuel Cell Energy Recent Developments/Updates
- 2.13 Opra Turbines
 - 2.13.1 Opra Turbines Details
 - 2.13.2 Opra Turbines Major Business
 - 2.13.3 Opra Turbines Distributed Generation (DG) Product and Services
 - 2.13.4 Opra Turbines Distributed Generation (DG) Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 Opra Turbines Recent Developments/Updates

2.14 Rolls-Royce Power Systems

2.14.1 Rolls-Royce Power Systems Details

2.14.2 Rolls-Royce Power Systems Major Business

2.14.3 Rolls-Royce Power Systems Distributed Generation (DG) Product and Services

2.14.4 Rolls-Royce Power Systems Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.14.5 Rolls-Royce Power Systems Recent Developments/Updates

2.15 Mitsubishi Hitachi Power Systems

2.15.1 Mitsubishi Hitachi Power Systems Details

2.15.2 Mitsubishi Hitachi Power Systems Major Business

2.15.3 Mitsubishi Hitachi Power Systems Distributed Generation (DG) Product and Services

2.15.4 Mitsubishi Hitachi Power Systems Distributed Generation (DG) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.15.5 Mitsubishi Hitachi Power Systems Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: DISTRIBUTED GENERATION (DG) BY MANUFACTURER

3.1 Global Distributed Generation (DG) Sales Quantity by Manufacturer (2019-2024)

3.2 Global Distributed Generation (DG) Revenue by Manufacturer (2019-2024)

3.3 Global Distributed Generation (DG) Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Distributed Generation (DG) by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Distributed Generation (DG) Manufacturer Market Share in 2023

3.4.2 Top 6 Distributed Generation (DG) Manufacturer Market Share in 2023

3.5 Distributed Generation (DG) Market: Overall Company Footprint Analysis

3.5.1 Distributed Generation (DG) Market: Region Footprint

3.5.2 Distributed Generation (DG) Market: Company Product Type Footprint

3.5.3 Distributed Generation (DG) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Distributed Generation (DG) Market Size by Region

- 4.1.1 Global Distributed Generation (DG) Sales Quantity by Region (2019-2030)
- 4.1.2 Global Distributed Generation (DG) Consumption Value by Region (2019-2030)
- 4.1.3 Global Distributed Generation (DG) Average Price by Region (2019-2030)
- 4.2 North America Distributed Generation (DG) Consumption Value (2019-2030)
- 4.3 Europe Distributed Generation (DG) Consumption Value (2019-2030)
- 4.4 Asia-Pacific Distributed Generation (DG) Consumption Value (2019-2030)
- 4.5 South America Distributed Generation (DG) Consumption Value (2019-2030)
- 4.6 Middle East and Africa Distributed Generation (DG) Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Distributed Generation (DG) Sales Quantity by Type (2019-2030)
- 5.2 Global Distributed Generation (DG) Consumption Value by Type (2019-2030)
- 5.3 Global Distributed Generation (DG) Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Distributed Generation (DG) Sales Quantity by Application (2019-2030)
- 6.2 Global Distributed Generation (DG) Consumption Value by Application (2019-2030)
- 6.3 Global Distributed Generation (DG) Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Distributed Generation (DG) Sales Quantity by Type (2019-2030)
- 7.2 North America Distributed Generation (DG) Sales Quantity by Application (2019-2030)
- 7.3 North America Distributed Generation (DG) Market Size by Country
 - 7.3.1 North America Distributed Generation (DG) Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Distributed Generation (DG) Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Distributed Generation (DG) Sales Quantity by Type (2019-2030)

8.2 Europe Distributed Generation (DG) Sales Quantity by Application (2019-2030)

8.3 Europe Distributed Generation (DG) Market Size by Country

8.3.1 Europe Distributed Generation (DG) Sales Quantity by Country (2019-2030)

8.3.2 Europe Distributed Generation (DG) Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Distributed Generation (DG) Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Distributed Generation (DG) Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Distributed Generation (DG) Market Size by Region

9.3.1 Asia-Pacific Distributed Generation (DG) Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Distributed Generation (DG) Consumption Value by Region
(2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Distributed Generation (DG) Sales Quantity by Type (2019-2030)

10.2 South America Distributed Generation (DG) Sales Quantity by Application
(2019-2030)

10.3 South America Distributed Generation (DG) Market Size by Country

10.3.1 South America Distributed Generation (DG) Sales Quantity by Country
(2019-2030)

10.3.2 South America Distributed Generation (DG) Consumption Value by Country
(2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Distributed Generation (DG) Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Distributed Generation (DG) Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Distributed Generation (DG) Market Size by Country

11.3.1 Middle East & Africa Distributed Generation (DG) Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Distributed Generation (DG) Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Distributed Generation (DG) Market Drivers

12.2 Distributed Generation (DG) Market Restraints

12.3 Distributed Generation (DG) Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Distributed Generation (DG) and Key Manufacturers

13.2 Manufacturing Costs Percentage of Distributed Generation (DG)

13.3 Distributed Generation (DG) Production Process

13.4 Distributed Generation (DG) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Distributed Generation (DG) Typical Distributors

14.3 Distributed Generation (DG) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

List Of Figures

LIST OF FIGURES

I would like to order

Product name: Global Distributed Generation (DG) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G608FDBF44FGEN.html>

Price: US\$ 3,480.00 (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/G608FDBF44FGEN.html>