

Global Distributed Energy Market Size study, by Technology (Fuel cells and Solar PV), By Applications (Residential, commercial and Industrial) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/GD9B5B9501B7EN.html>

Date: May 2021

Pages: 200

Price: US\$ 3,750.00 (Single User License)

ID: GD9B5B9501B7EN

Abstracts

Global Distributed Energy Market is valued approximately at 270.5 USD Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 11.5% over the forecast period 2021-2027. Distributed energies are derived either from non-renewable or renewable sources. The ability to function as a substitute as well as companion to conventional electric grid system is growing the demand for distributed energy generation systems. Rising environmental awareness, increasing government policies towards greenhouse gas reduction targets and rising demand of distributed energy are the driving factors of distributed energy market. Also, increasing research and development activities for new technologies and increasing use of solar cells in commercial and industrial sectors are factors which anticipate the growth of market in forecasted period. For instance, in 2020, the Government of Korea had announced its plan to invest 9 USD billion for renewable energy projects for the coming three years. However, strict emission regulations with unstandardized laws for distributed energies may impede market growth over the forecast period of 2021-2027.

Global Distributed Energy market analysis on basis of region includes Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific is a significant region across the world in terms of market share due to rapid growth in demand of energy because of large population and urbanization in the region. Whereas North America is anticipated to exhibit the highest growth rate over the forecast period 2021-2027 due to growing use of Solar PV cells by consumers in the region.

Major market player included in this report are:

Vestas Wind Systems A/S

Capstone Turbine Corp.

Caterpillar

Ballard Power Systems Inc.

Doosan Heavy Industries & Construction

Rolls-Royce plc.

Suzlon Energy Ltd.

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;

Fuel Cells

Solar PV

By Applications;

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 – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Distributed Energy Market 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

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