

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Microgrid Technology Market 2018, Forecast to 2023

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### **Abstracts**

Microgrid is a localized power system comprised of distributed generation assets, energy storage devices, and smart distribution technologies that interoperates through controls and software-based intelligence systems.

Microgrid is among the most promising tools of modern distribution networks due to their versatility. Once fully customized to the electricity and heating needs of a specific end user, they can simultaneously deliver enhanced reliability, energy and cost efficiency as well as environmental benefits. Microgrid for critical infrastructure (schools, hospitals, universities, wastewater treatment plants, etc.), mainly in cities and small communities, will grow fastest by project number within the next five years, driven by CHP incentives and State resiliency programs along the East Coast, while military Microgrid will add significant additional capacity to the current microgrid landscape.

#### **SCOPE OF THE REPORT:**

This report focuses on the Microgrid Technology in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. North America is currently the largest microgrid market, having captured nearly half of all vendor revenue activity. The region holds a nearly identical market share (48.59%) compared with data presented in 2016.

ABB, GE and Echelon captured the top three revenue share spots in the Microgrid market in 2016. ABB dominated with 7.53 percent revenue share, followed by GE with 5.64 percent revenue share and Echelon with 5.03 percent revenue share.

The second place is Asia regions; following North America with the Revenue market share over 27.83% in 2016. Europe is another important consumption market of



Microgrid Technology.

Microgrid Technology used in industry including Campus/Institutional Microgrid, Community/Utility Microgrid, Commercial/Industrial Microgrid, Military Microgrid and Remote Microgrid. Report data showed that 41.79% of the Microgrid Technology market demand in Campus/Institutional Microgrid, 24.24% in Commercial/Industrial Microgrid, and 21.28% in Community/Utility Microgrid in 2016.

There are two kinds of Microgrid Technology, which are Grid-Tied Type Microgrid and Independent Type Microgrid. Grid-Tied Type Microgrid is important in the Microgrid Technology, with a Installed Capacity market share nearly 78.30% in 2016. Briefly speaking, in the next few years, Microgrid Technology industry will still be a rapid development industry. Sales of Microgrid Technology have brought a lot of opportunities, there will more companies enter into this industry, especially in developing countries.

The worldwide market for Microgrid Technology is expected to grow at a CAGR of roughly 14.2% over the next five years, will reach 25300 million US\$ in 2023, from 11400 million US\$ in 2017, according to a new GIR (Global Info Research) study.

ABB
GE
Echelon
S&C Electric Co

Market Segment by Manufacturers, this report covers

General Microgrids

Microgrid Solar

Raytheon

Siemens

Sunverge Energy

Toshiba



NEC

Aquion Energy
EnStorage
SGCC
Moixa
EnSync
Ampard
Green Energy Corp
Growing Energy Labs Inc
HOMER Energy
Spirae, Inc.
Market Segment by Regions, regional analysis covers
North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia and Italy)
Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
South America (Brazil, Argentina, Colombia etc.)
Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)
Market Segment by Type, covers



Grid-Tied Type Microgrid

Independent Type Microgrid

Market Segment by Applications, can be divided into

Commercial/Industrial Microgrid

Community/Utility Microgrid

Campus/Institutional Microgrid

Military Microgrid

Remote Microgrid

There are 15 Chapters to deeply display the global Microgrid Technology market.

Chapter 1, to describe Microgrid Technology Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Microgrid Technology, with sales, revenue, and price of Microgrid Technology, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Microgrid Technology, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;



Chapter 12, Microgrid Technology market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Microgrid Technology sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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