

# 2018 Top 5 Microgrid Technology Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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## Abstracts

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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. 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.

Over the next five years, LPI(LP Information) projects that Microgrid Technology will register a 14.2% CAGR in terms of revenue, reach US\$ 25300 million by 2023, from US\$ 11400 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

ABB

GE

Echelon

S&C Electric Co

Siemens

General Microgrids

Microgrid Solar

Raytheon

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, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Grid-Tied Type Microgrid

Independent Type Microgrid

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Commercial/Industrial Microgrid

Community/Utility Microgrid

Campus/Institutional Microgrid

Military Microgrid

Remote Microgrid

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