

Global Connected Grid Market, by Application (Defense & Military, Campus/Institutional, Commercial, Others), by Consumption Pattern (Urban/Metropolitan, Semi-Urban, Rural/Island), by Geography (North America, Europe, Asia-Pacific, RoW) Forecasts to 2019

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Abstracts

Connected grid is an electrical system that includes multiple loads and distributed energy resources which can be operated simultaneously with a broader utility grid. An electric grid is an interconnected network for delivering electricity from suppliers to consumers. Distributed energy, also known as decentralized energy is generated or stored by a variety of small, grid connected devices referred to as distributed energy resources (DER). Many countries generate electricity in large centralized facilities, such as nuclear power plants, solar power plants, or hydropower plants. These plants transmit electricity for long distances and can negatively affect the environment. Thus, a distributed generation system is used, which allows collection of energy from many sources while lowering the environmental impacts and improving the security of supply.

Amongst the generation source, diesel gensets and fuel cells constitute the largest segment of the connected grid installed capacity as of 2013. The market for PV, CHP, wind, and other renewable sources-based connected grid is likely to grow and will constitute more than 75% of the total generation capacity by 2019. This is primarily due to the increasing need of clean and highly efficient energy sources.

The report provides an extensive competitive landscaping of companies operating in this market. The main companies operating in the global region are ABB Ltd. (Switzerland), Siemens AG (Germany), Honeywell International (U.S.), General Electric

(U.S.), and Eaton Corporation (Ireland), among others.

Segment and country specific market shares, news & deals, M&A, segment specific pipeline products, product approvals, and product recalls of the major companies have been detailed.

New product launches and merger and acquisition are the key strategies adopted by market players to ensure their growth in the market.

Markets Covered

By Consumption Pattern

Urban/Metropolitan

Semi-Urban

Rural/Island

By Application

Defense & Military

Campus/Institutional

Commercial

Others

By Geography

North America

Europe

Asia-Pacific

RoW

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*Details on overview, financials, product & services, strategy, and developments might not be captured in case of unlisted company

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