

# **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**

<https://marketpublishers.com/r/G680C4E5F02EN.html>

Date: April 2015

Pages: 78

Price: US\$ 4,250.00 (Single User License)

ID: G680C4E5F02EN

## **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

## Contents

### **1 INTRODUCTION**

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET SEGMENTATION & COVERAGE
- 1.3 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 INTEGRATED ECOSYSTEM OF CONNECTED GRID MARKET
- 2.2 ARRIVING AT THE CONNECTED GRID MARKET SIZE
  - 2.2.1 TOP-DOWN APPROACH
  - 2.2.2 BOTTOM-UP APPROACH
  - 2.2.3 DEMAND-SIDE APPROACH
  - 2.2.4 MACRO INDICATOR-BASED APPROACH
- 2.3 ASSUMPTIONS

### **3 EXECUTIVE SUMMARY**

### **4 MARKET OVERVIEW**

- 4.1 INTRODUCTION
- 4.2 CONNECTED GRID MARKET: COMPARISON WITH PARENT MARKET
- 4.3 MARKET DRIVERS AND INHIBITORS
- 4.4 KEY MARKET DYNAMICS
- 4.5 DEMAND SIDE ANALYSIS

### **5 CONNECTED GRID MARKET, BY APPLICATION**

- 5.1 INTRODUCTION
- 5.2 CONNECTED GRID MARKET IN DEFENSE & MILITARY, BY GEOGRAPHY
- 5.3 CONNECTED GRID MARKET IN CAMPUS/INSTITUTIONAL, BY GEOGRAPHY
- 5.4 CONNECTED GRID MARKET IN COMMERCIAL, BY GEOGRAPHY

### **6 CONNECTED GRID MARKET, BY CONSUMPTION PATTERN**

- 6.1 INTRODUCTION
- 6.2 GLOBAL URBAN/METROPOLITAN CONNECTED GRID MARKET, BY

## APPLICATION

6.3 GLOBAL SEMI-URBAN CONNECTED GRID MARKET, BY APPLICATION

6.4 GLOBAL RURAL/ISLAND CONNECTED GRID MARKET, BY APPLICATION

## 7 CONNECTED GRID MARKET, BY GEOGRAPHY

7.1 INTRODUCTION

7.2 NORTH AMERICA CONNECTED GRID MARKET, BY APPLICATION

7.3 EUROPE CONNECTED GRID MARKET, BY APPLICATION

7.4 ASIA-PACIFIC CONNECTED GRID MARKET, BY APPLICATION

7.5 ROW CONNECTED GRID MARKET, BY APPLICATION

## 8 CONNECTED GRID MARKET: COMPETITIVE LANDSCAPE

8.1 CONNECTED GRID MARKET: COMPANY SHARE ANALYSIS

8.2 MERGERS & ACQUISITIONS

8.3 CONTRACTS, PARTNERSHIPS, AND AGREEMENTS

8.4 NEW PRODUCT LAUNCHES AND NEW TECHNOLOGY ADVANCEMENTS

8.5 JOINT VENTURES

## 9 CONNECTED GRID MARKET, BY COMPANY

(Overview, Financials, Products & Services, Strategy, and Developments)\*

9.1 ABB LTD.

9.2 SIEMENS AG

9.3 LOCKHEED MARTIN CORPORATION

9.4 GENERAL ELECTRIC

9.5 HONEYWELL INTERNATIONAL, INC.

9.6 EATON CORPORATION

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

## 10 APPENDIX

10.1 CUSTOMIZATION OPTIONS

10.1.1 PRODUCT PORTFOLIO ANALYSIS

10.1.2 COUNTRY LEVEL DATA ANALYSIS

### 10.1.3 PRODUCT COMPARISON OF VARIOUS COMPETITORS

#### 10.1.4 TRADE ANALYSIS

### 10.2 RELATED REPORTS

### 10.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

#### 10.3.1 RT SNAPSHOTS

## List Of Tables

### LIST OF TABLES

Table 1 GLOBAL CONNECTED GRID MARKET, BY APPLICATION, 2014 (USD MN)

Table 2 R&D EXPENDITURE, BY GEOGRAPHY (USD MN)

Table 3 GLOBAL CONNECTED GRID MARKET: COMPARISON WITH PARENT MARKET, 2013-2019 (USD MN)

Table 4 GLOBAL CONNECTED GRID MARKET: DRIVERS AND INHIBITORS.

Table 5 GLOBAL CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Table 6 GLOBAL CONNECTED GRID MARKET: BY GEOGRAPHY, 2013-2019 (USD MN)

Table 7 GLOBAL CONNECTED GRID MARKET, BY CONSUMPTION PATTERN, 2013-2019 (USD MN)

Table 8 GLOBAL CONNECTED GRID MARKET: COMPARISON WITH APPLICATION MARKETS, 2013-2019 (USD MN)

Table 9 GLOBAL CONNECTED GRID MARKET, BY APPLICATION, 2014-2019 (USD MN)

Table 10 GLOBAL CONNECTED GRID MARKET IN DEFENSE & MILITARY, BY GEOGRAPHY, 2013-2019 (USD MN)

Table 11 GLOBAL CONNECTED GRID MARKET IN CAMPUS/INSTITUTIONAL, BY GEOGRAPHY, 2013-2019 (USD MN)

Table 12 GLOBAL CONNECTED GRID MARKET IN COMMERCIAL, BY GEOGRAPHY, 2013-2019 (USD MN)

Table 13 GLOBAL CONNECTED GRID MARKET, BY CONSUMPTION PATTERN, 2013-2019 (USD MN)

Table 14 GLOBAL URBAN/METROPOLITAN CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Table 15 GLOBAL SEMI-URBAN CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Table 16 GLOBAL RURAL/ISLAND CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Table 17 GLOBAL CONNECTED GRID MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2013-2019 (USD MN)

Table 18 NORTH AMERICA CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Table 19 EUROPE CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Table 20 ASIA-PACIFIC CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Table 21 ROW CONNECTED GRID MARKET BY APPLICATION, 2013-2019 (USD MN)

Table 22 CONNECTED GRID MARKET: COMPANY SHARE ANALYSIS, 2014 (%)

Table 23 GLOBAL CONNECTED GRID MARKET: MERGERS & ACQUISITIONS

Table 24 GLOBAL CONNECTED GRID MARKET: CONTRACTS, PARTNERSHIPS, AND AGREEMENTS

Table 25 GLOBAL CONNECTED GRID MARKET: NEW PRODUCT LAUNCHES AND NEW TECHNOLOGY ADVANCEMENTS

Table 26 GLOBAL CONNECTED GRID MARKET: JOINT VENTURES

Table 27 ABB LTD.: ANNUAL REVENUE, BY BUSINESS SEGMENT, 2009-2013 (USD MN)

Table 28 ABB LTD.: ANNUAL REVENUE, BY GEOGRAPHIC SEGMENT, 2009-2013 (USD MN)

Table 29 ABB LTD.: OPERATING DATA, 2009-2013 (USD MN)

Table 30 ABB LTD. HAS A VAST PRODUCT PORTFOLIO. THE COMPANY OPERATES IN THE FOLLOWING SEGMENTS:

Table 31 SIEMENS AG: ANNUAL REVENUE, BY BUSINESS SEGMENT, 2009-2013 (USD MN)

Table 32 SIEMENS AG: ANNUAL REVENUE, BY GEOGRAPHIC SEGMENT, 2009-2013 (USD MN)

Table 33 SIEMENS AG: OPERATING DATA, 2009-2013 (USD MN)

Table 34 LOCKHEED MARTIN CORPORATION: ANNUAL REVENUE, BY BUSINESS SEGMENT, 2009-2013 (USD MN)

Table 35 LOCKHEED MARTIN CORPORATION: OPERATING DATA, 2009-2013 (USD MN)

Table 36 GENERAL ELECTRIC: ANNUAL REVENUE, BY BUSINESS SEGMENT, 2009-2013 (USD MN)

Table 37 GENERAL ELECTRIC: ANNUAL REVENUE, BY GEOGRAPHIC SEGMENT, 2009-2013 (USD MN)

Table 38 HONEYWELL INTERNATIONAL: ANNUAL REVENUE, BY BUSINESS SEGMENT, 2009-2013 (USD MN)

Table 39 HONEYWELL INTERNATIONAL: ANNUAL REVENUE, GEOGRAPHIC REGION SEGMENTS, 2009-2013 (USD MN)

Table 40 EATON CORPORATION: KEY FINANCIALS, 2009-2013 (USD MN)

## List Of Figures

### LIST OF FIGURES

Figure 1 GLOBAL CONNECTED GRID MARKET: SEGMENTATION & COVERAGE

Figure 2 CONNECTED GRID MARKET: INTEGRATED ECOSYSTEM

Figure 3 RESEARCH METHODOLOGY

Figure 4 TOP-DOWN APPROACH

Figure 5 BOTTOM-UP APPROACH

Figure 6 DEMAND-SIDE APPROACH

Figure 7 R&D EXPENDITURE

Figure 8 GLOBAL CONNECTED GRID MARKET SNAPSHOT

Figure 9 CONNECTED GRID MARKET: GROWTH ASPECTS

Figure 10 CONNECTED GRID MARKET: COMPARISON WITH PARENT MARKET

Figure 11 GLOBAL CONNECTED GRID MARKET, BY APPLICATION, 2014 VS. 2019

Figure 12 GLOBAL CONNECTED GRID MARKET, BY GEOGRAPHY, 2014 VS. 2019  
(USD MN)

Figure 13 GLOBAL CONNECTED MARKET, BY CONSUMPTION PATTERN, 2014 VS.  
2019 (USD MN)

Figure 14 GLOBAL CONNECTED GRID MARKET: COMPARISON WITH  
APPLICATION, 2013-2019 (USD MN)

Figure 15 GLOBAL CONNECTED GRID MARKET, BY APPLICATION, 2014-2019  
(USD MN)

Figure 16 GLOBAL CONNECTED GRID MARKET IN DEFENSE & MILITARY, BY  
GEOGRAPHY, 2013-2019 (USD MN)

Figure 17 GLOBAL CONNECTED GRID MARKET IN CAMPUS/INSTITUTIONAL, BY  
GEOGRAPHY, 2013-2019 (USD MN)

Figure 18 GLOBAL CONNECTED GRID MARKET IN COMMERCIAL, BY  
GEOGRAPHY, 2013-2019 (USD MN)

Figure 19 GLOBAL CONNECTED GRID MARKET, BY CONSUMPTION PATTERN,  
2013-2019 (USD MN)

Figure 20 GLOBAL URBAN/METROPOLITAN CONNECTED GRID MARKET, BY  
APPLICATION, 2013-2019 (USD MN)

Figure 21 GLOBAL SEMI-URBAN CONNECTED GRID MARKET, BY APPLICATION,  
2013-2019 (USD MN)

Figure 22 GLOBAL RURAL/ISLAND CONNECTED GRID MARKET, BY APPLICATION,  
2013-2019 (USD MN)

Figure 23 GLOBAL CONNECTED GRID MARKET: GROWTH ANALYSIS, BY  
GEOGRAPHY, 2014-2019 (USD MN)



Figure 24 NORTH AMERICA CONNECTED GRID MARKET APPLICATION, BY GEOGRAPHY, 2013-2019 (USD MN)

Figure 25 NORTH AMERICA CONNECTED GRID MARKET: APPLICATION SNAPSHOT

Figure 26 EUROPE CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Figure 27 EUROPE CONNECTED GRID MARKET: APPLICATION SNAPSHOT

Figure 28 ASIA-PACIFIC CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Figure 29 ASIA-PACIFIC CONNECTED GRID MARKET: APPLICATION SNAPSHOT

Figure 30 ROW CONNECTED GRID MARKET, BY APPLICATION, 2013-2019 (USD MN)

Figure 31 ROW CONNECTED GRID MARKET: APPLICATION SNAPSHOT

Figure 32 CONNECTED GRID MARKET: COMPANY SHARE ANALYSIS, 2014 (%)

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