

Growth Opportunities in Global Smart Grid Market 2012-2017: Trends, Forecast, and Market Share Analysis, February 2012

<https://marketpublishers.com/r/GFFA9C6C630EN.html>

Date: February 2012

Pages: 110

Price: US\$ 4,850.00 (Single User License)

ID: GFFA9C6C630EN

Abstracts

Background:

The global smart grid market has experienced double-digit growth rates over the last five years and is expected to continue its growth momentum, reaching approximately US \$57 billion by 2016 with a CAGR of 13% over the next five years.

Lucintel, a leading global management consulting and market research firm, has analyzed the global smart grid market and presents its findings in “Growth Opportunities in Global Smart Grid Market 2011–2016: Trends, Forecast, and Market Share Analysis”

Lucintel’s research indicates that growth in renewable energy generation sources and their integration into a common grid is one of the major drivers in the smart grid market. The high cost of installing smart grid components such as smart meters and sensors, and the maintenance and monitoring expenses of smart grid technology are challenging factors. Rising costs of electricity generation, government incentives to promote green energy, distribution of smart meters, and development in transmission facilities to provide energy to remote areas, however, are boosting the smart grid market.

This unique report from Lucintel provides valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report can save hundreds of hours of research time and can significantly help in expanding your business in this market. In today’s unstable economy, you need every advantage that you can find to keep you ahead in your business.

Features of This Report:

To make business, investment, or strategic decisions, you need timely and adequate information. This market report fulfills this core need and is an indispensable reference guide for multi-national material suppliers, product manufacturers, investors, executives, distributors, and many more, who are dealing with this market.

Some of the features of “Growth Opportunities in Global Smart Grid Market 2011-2016: Trends, Forecast, and Market Share Analysis” include these:

Global smart grid market size in terms of value shipment

Global smart grid market trend and forecast in terms of value shipment

Trend (2005-2010) and forecast (2011-2016) of global smart grid market for component, for domains and for regions

Global smart grid market by components, by domains, by regions

Porter’s Five Force model for global smart grid market

Major drivers and challenges in global smart grid market

Emerging trends and new opportunities in global smart

Benefits of Lucintel Report:

Lucintel’s core competency is in market research and management consulting. In last 12 years, Lucintel has worked on hundreds of market research studies. Lucintel’s market report offers following benefits:

It saves your money, as compared to doing research in-house. (\$80,000+)

It saves your time. Lucintel delivers the report in hours vs. months of in-house data collection and report writing.

It is an un-biased source of industry facts, intelligence and insights.

It helps you make confident business decisions quickly.

Who Can Benefits of Lucintel Report?

This study is intended for material suppliers, parts fabricators, OEMs, investors, executives and consultants. This multi-client market study from Lucintel is used by small to multi-national Fortune 500 companies and utilized for a variety of reasons as follows.

Business development

Strategic planning

Business presentation

Determination of market size and trend

Competitive analysis

Personnel training

Budgeting

Investment decision

Research Methodology:

Lucintel has closely tracked and conducted research on composites and other markets since 1998. This research project was designed to determine the current, trend and forecasted analysis for smart grid market globally. Lucintel compiles vast amounts of data from numerous sources, validates the integrity of that data, and performs a comprehensive analysis on it. Lucintel then organizes the data, its findings, and insights into a concise report designed to support the strategic decision-making process

This study is a culmination of seven to eight months of full-time effort performed by Lucintel's analyst team. Our analysts used the following sources for the creation and completion of this valuable report:

Study of smart grid market from suppliers side, principally based on number of smart meters installed throughout different regions of the world

Study of different utilities and their deals with electrical component manufacturers for upgrading to a smart grid

Regional analysis for goals, strategies and targets to incorporate smart grid

In-depth secondary research of smart grid components manufacturers, suppliers, utilities, research institutions and electricity government bodies

Extensive search of current published literature, market and database information including industry news, company press releases, and customer intentions

A compilation of the experiences, judgments, and insights of Lucintel's professional network, which have analyzed and acked the smart grid marketplace for a years

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL SMART GRID INDUSTRY BACKGROUND AND CHARACTERISTICS

- 2.1: History of smart grid market
- 2.2: Transition from traditional grid to smart grid
- 2.3: Introduction to smart grid
 - 2.3.1: Smart grid electrical infrastructure
 - 2.3.2: Smart grid communication infrastructure
 - 2.3.3: Smart grid functions
 - 2.3.4: Pricing strategies in smart grid electricity
- 2.4: Smart grid market segmentations
 - 2.4.1: Components
 - 2.4.2: Domains
- 2.5: Advantages in smart grid
 - 2.5.1: Advantage to Utilities
 - 2.5.2: Advantage to transmission and distribution
 - 2.5.3: Advantage to customers

3. SMART GRID MARKET ANALYSIS AND OPPORTUNITY

- 3.1: Global smart grid market overview
- 3.2: Global smart grid market by components
 - 3.2.1: Smart meters
 - 3.2.2: Communication solutions
 - 3.2.3: Energy management solutions
 - 3.2.4: Smart grid infrastructures
 - 3.2.5: Test and monitoring solutions
 - 3.2.6: Home energy management
- 3.3: Global smart grid market by domains
 - 3.3.1: Utilities
 - 3.3.2: Transmission and distribution
 - 3.3.3: Customers
- 3.4: Global smart grid market by regions
 - 3.4.1: North America
 - 3.4.2: European Union
 - 3.4.3: Asia Pacific:

- 3.4.4: Rest of World (RoW):
- 3.5: Market share analysis by component types
 - 3.5.1: Market share analysis of smart meters
 - 3.5.2: Communication solutions
 - 3.5.3: Energy management solutions
 - 3.5.4: Smart Grid infrastructures
 - 3.5.5: Test and monitoring solution
 - 3.5.6: Home energy management
- 3.6: Current market analysis
- 3.7: Drivers and challenges in global smart grid market:
 - 3.7.1: Drivers in smart grid market
 - 3.7.2: Challenges in smart grid market
- 3.8: Cost-benefit analysis
- 3.9: Supply chain analysis

4. GLOBAL SMART GRID MARKET TRENDS 2005–2010

- 4.1: Overview
- 4.2: Trend of global smart grid market by components
- 4.3: Trends of global smart grid market by domains
- 4.4: Trends of global smart grid market by regions

5. GLOBAL SMART GRID MARKET FORECASTS

- 5.1: Overview
- 5.2: Forecast for global smart grid market by components
- 5.3: Forecast for global smart grid market by domains
- 5.4: Forecast for global smart grid market by regions

6. EMERGING TRENDS AND NEW OPPORTUNITIES IN GLOBAL SMART GRID MARKET

- 6.1: Growth opportunities in global smart grid market by components
- 6.2: Growth opportunities in global smart grid market by domains
- 6.3: Growth opportunities in global smart grid market by regions
- 6.4: Emerging trends in global smart grid market

7. SMART GRID MARKET MANUFACTURERS' PROFILE

- 7.1: ABB
- 7.2: Badger Meter
- 7.3: Cisco
- 7.4: Cooper Power
- 7.5: Echelon Group
- 7.6: Esco Group
- 7.7: Elster Group
- 7.8: General Electric
- 7.9: IBM
- 7.10: Itron
- 7.11: Landis+Gyr
- 7.12: Schneider Electric

List Of Figures

LIST OF FIGURES

CHAPTER 1.

Figure 1.1: Porter's Five Forces model for global smart grid market

CHAPTER 2.

Figure 2.1: Evolution in global smart grid market from 2000–2010

Figure 2.2: Differences between traditional grid and smart grid

Figure 2.3: Smart grid electrical infrastructures

Figure 2.4: Smart grid functioning structure

Figure 2.5: Comparative analysis among various pricing policies

Figure 2.6: Smart meters

Figure 2.7: Communication solutions

Figure 2.8: Energy management solutions

Figure 2.9: Smart grid infrastructures

Figure 2.10: Test and monitoring solutions

Figure 2.11: Home energy management

Figure 2.12: Organization in utility domain

Figure 2.13: Organization in T&D domain

Figure 2.14: Organization in customer domain

CHAPTER 3.

Figure 3.1: Major players across different segments in smart grid infrastructure

Figure 3.2: Global smart grid market by components in 2010

Figure 3.3: Global smart grid market by domains in 2010

Figure 3.4: Global smart grid market by regions in 2010

Figure 3.5: Market share analysis of smart meters market

Figure 3.6: Market share analysis of communication solutions market

Figure 3.7: Market share analysis of EMS market

Figure 3.8: Market share analysis of smart grid infrastructures market

Figure 3.9: Market share analysis of T&M solutions market

Figure 3.10: Market share analysis of HEM market

Figure 3.11: Major players global smart grid market

Figure 3.12: Global smart grid market fragmentation

Figure 3.13: Drivers and challenges in global smart grid market

Figure 3.14: Cost vs. benefits for typical smart grid project

Figure 3.15: Cost benefit analysis across regions for smart grid projects

Figure 3.16: Supply chain analysis for global smart grid market

Figure 3.17: Mapping of major players across different segments in global smart grid

market

CHAPTER 4.

Figure 4.1: Market trend of global smart grid market: 2005–2010 (\$ B)

Figure 4.2: Market trend of global smart grid market by components: 2005–2010 (\$ B)

Figure 4.3: Trend of global smart grid market by components: 2005–2010 (\$ B)

Figure 4.4: Market trend CAGR of global smart grid market by chemistry type:
2005–2010

Figure 4.5: Market trend of global smart grid market by domains: 2005–2010 (\$ B)

Figure 4.6: Trend of global smart grid market by domains: 2005–2010 (\$ B)

Figure 4.7: Market trend CAGR of global smart grid market by domains: 2005–2010

Figure 4.8: Market trend of global smart grid market by regions: 2005–2010 (\$ B)

Figure 4.9: Trend of global smart grid market by regions: 2005–2010 (\$ B)

Figure 4.10: Market trend CAGR of global smart grid market by regions: 2005–2010

CHAPTER 5.

Figure 5.1: Market forecast for global smart grid market: 2011–2016 (\$ B)

Figure 5.2: Market forecast for global smart grid market by components: 2011–2016 (\$
B)

Figure 5.3: Forecast for global smart grid market by components: 2011–2016 (\$ B)

Figure 5.4: Market forecast CAGR of global smart grid market by components:
2011–2016

Figure 5.5: Market forecast for global smart grid market by domains: 2011–2016 (\$ B)

Figure 5.6: Forecast for global smart grid market by domains: 2011–2016 (\$ B)

Figure 5.7: Market forecast CAGR of global smart grid market by domains: 2011–2016

Figure 5.8: Market forecast for global smart grid market by regions: 2011–2016 (\$ B)

Figure 5.9: Forecast for global smart grid market by regions: 2011–2016 (\$ B)

Figure 5.10: Market forecast CAGR of global smart grid market by regions: 2011–2016

Figure 5.11: Forecast for smart meters installations vs. penetration across different
regions: 2011–2016

CHAPTER 6.

Figure 6.1: Growth opportunities in global smart grid market by components

Figure 6.2: Growth opportunities in global smart grid market by domains

Figure 6.3: Growth opportunities in global smart grid market by regions

Figure 6.4: Emerging trends in global smart grid market

List Of Tables

LIST OF TABLES

Table 1.1: Market parameters for the global smart grid market and attributes of usage

Table 2.1: Regional overview for smart grid projects

Table 2.2: Comparative analysis of communication options

Table 2.3: Comparative penetrations of communication options used across different functions of smart grid

Table 2.4: Functions of smart grid and their pathways of working

Table 2.5: Major pricing policies of electricity supplied over smart grid and their descriptions

Table 2.6: Interrelationships between different component segments across different domains

Table 3.1: Mapping of smart meters competitors by domain segments

Table 3.2: Mapping of communication solutions competitors by domain segments

Table 3.3: Mapping of EMS competitors by domain segments

Table 3.4: Mapping of smart grid infrastructures competitors by domain segments

Table 3.5: Mapping of T&M solutions competitors by domain segments

Table 3.6: Mapping of HEM solutions competitors by domain segments

I would like to order

Product name: Growth Opportunities in Global Smart Grid Market 2012-2017: Trends, Forecast, and Market Share Analysis, February 2012

Product link: <https://marketpublishers.com/r/GFFA9C6C630EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFFA9C6C630EN.html>