

Global Smart Grid Market Research and Analysis 2015-2022

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Abstracts

Market Insights

The global smart grid market is estimated to grow with the CAGR of 27.2% during the period 2017-2022. The major factors that are augmenting the growth of the smart grid market are estimated to be supportive government initiatives and regulations and increasing demand of advanced metering systems across the globe. Furthermore, excellent inherent operational efficiency, improved grid reliability and efficient outage response and rising demand for integration of renewable energy sources are also estimated to be the major factors that are augmenting the demand of the market.

Government initiative and supporting policies are estimated to be one of the major factors that is fueling the growth of the smart grid market. Incentives for the smart grid are the major factors that is promoting the deployment of smart grid technology. For example: In United States, Energy Independence and Security Act of 2007, had been passed by the government for the development and deployment of smart grid technologies in United states. Furthermore, excellent inherent operational efficiency also augmenting the demand of the smart grid technology. Smart grid technologies offer several advantages over other conventional methods (such as reducing the excessive consumption of electricity, minimizing heavy transmission and distributing losses etc.) that are driving the growth of the market.

However, there are certain factors which are affecting the growth of the smart grid market across the globe. Lack of standard and interoperability, inadequate data management and cyber security and its vulnerabilities are estimated to be the major constraints in the growth of the market. Besides these restraints the overall scope of the growth of smart grid market is looking good during the forecast period.

Geography Insights

The global smart grid market is analyzed on the basis of the geographical regions that are contributing significantly towards the growth of the market. On the basis of the geography, global grid market is segmented into North America, Asia Pacific, Europe and Rest of the World. Asia Pacific is estimated to be the leading region in the global smart grid market owing to high adoption of smart grid technology in the developing countries such as India and China and increasing smart cities development programs in the region are estimated to be the major factors that are backing the growth of the market in the region. North America is estimated to be the fastest growing region owing to technological advancement and high adoption rate of smart grid technology in the region.

Competitive Insights

Key players of the global smart grid market are Aclara Technologies LLC, Alstom, Cisco Systems, Inc., Comverge, Inc., Echelon Corporation, eMeter Corporation, General Electric Company, GridPoint, Inc., IBM Corporation, Itron, Inc., Landis+Gyr, Open System International, Oracle Corporation, Schneider Electric SE, Sensus, Siemens AG, Silver Spring Network and so on. In order to sustain in the market these players adopt different strategies such as acquisition, merger, product launch and geographical expansion etc. For example: In 2015, General Electric Company announced the acquisition of the Alstom Power with the sole purpose of expansion in the energy sector.

Market Segmentation

GLOBAL SMART GRID MARKET BY SOLUTION

ADVANCED METERING INFRASTRUCTURE

BILLING AND CUSTOMER INFORMATION MANAGEMENT

GEOGRAPHIC INFORMATION SYSTEM

GRID ASSET MANAGEMENT

SMART GRID DISTRIBUTION MANAGEMENT

SMART GRID COMMUNICATION SYSTEM

CYBER SECURITY

OMR Report covers

Comprehensive research methodology of Global Smart Grid Market

This report also includes detailed and extensive market overview with Analyst insights & key market trends.

Exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the Global Smart Grid Market

Insights about market determinants which are stimulating the Global Smart Grid Market

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

Contents

1. REPORT SUMMARY

1.1. RESEARCH METHODS AND TOOLS

1.2. MARKET BREAKDOWN

1.2.1. BY SEGMENTS

1.2.2. BY GEOGRAPHY

1.2.3. BY STAKEHOLDERS

2. MARKET OVERVIEW AND INSIGHTS

2.1. DEFINITION

2.2. ANALYST INSIGHTS & CURRENT MARKET TRENDS

2.2.1. KEY FINDINGS

2.2.2. RECOMMENDATION

2.2.3. CONCLUSION

2.3. REGULATIONS

2.3.1. UNITED STATES

2.3.2. EUROPEAN UNION

2.3.3. CHINA

2.3.4. INDIA

2.3.5. REST OF THE WORLD

3. MARKET DETERMINANT

3.1. MOTIVATORS

3.1.1. RISING DEMAND FOR INTEGRATION OF RENEWABLE ENERGY SOURCES

3.1.2. EXCELLENT INHERENT OPERATIONAL EFFICIENCY

3.1.3. SUPPORTIVE GOVERNMENT REGULATIONS

3.1.4. IMPROVED GRID RELIABILITY AND EFFICIENT OUTAGE RESPONSE

3.1.5. INCREASING DEMAND OF ADVANCED METERING INFRASTRUCTURE

3.2. RESTRAINTS

3.2.1. LACK OF STANDARDS AND INTEROPERABILITY

3.2.2. INADEQUATE DATA MANAGEMENT

3.2.3. SMART GRID CYBER SECURITY AND ITS VULNERABILITIES

3.3. OPPORTUNITIES

3.3.1. INCREASING SMART CITIES DEVELOPMENT

3.3.2. ADVANCEMENT OF GRID INFRASTRUCTURE

4. MARKET SEGMENTATION

- 4.1. GLOBAL SMART GRID MARKET BY SOLUTION
 - 4.1.1. ADVANCED METERING INFRASTRUCTURE
 - 4.1.2. BILLING AND CUSTOMER INFORMATION MANAGEMENT
 - 4.1.3. GEOGRAPHIC INFORMATION SYSTEM
 - 4.1.4. GRID ASSET MANAGEMENT
 - 4.1.5. SMART GRID DISTRIBUTION MANAGEMENT
 - 4.1.6. SMART GRID COMMUNICATION SYSTEM
 - 4.1.7. CYBER SECURITY

5. COMPETITIVE LANDSCAPE

- 5.1. KEY STRATEGY ANALYSIS
- 5.2. KEY COMPANY ANALYSIS

6. REGIONAL ANALYSIS

- 6.1. NORTH AMERICA
 - 6.1.1. UNITED STATES
 - 6.1.2. CANADA
 - 6.1.3. REST OF NORTH AMERICA
- 6.2. EUROPE
 - 6.2.1. UNITED KINGDOM
 - 6.2.2. FRANCE
 - 6.2.3. GERMANY
 - 6.2.4. ITALY
 - 6.2.5. SPAIN
 - 6.2.6. REST OF EUROPE
- 6.3. ASIA PACIFIC
 - 6.3.1. INDIA
 - 6.3.2. CHINA
 - 6.3.3. JAPAN
- 6.4. REST OF THE WORLD

7. COMPANY PROFILES

- 7.1. ABB GROUP

- 7.1.1. INTRODUCTION
- 7.1.2. ABB GROUP PRODUCT PORTFOLIO
- 7.1.3. ABB GROUP RECENT ACTIVITIES
- 7.2. ACLARA TECHNOLOGIES LLC
 - 7.2.1. INTRODUCTION
 - 7.2.2. ACLARA TECHNOLOGIES LLC PRODUCT PORTFOLIO
 - 7.2.3. ACLARA TECHNOLOGIES LLC RECENT ACTIVITIES
- 7.3. ALSTOM
 - 7.3.1. INTRODUCTION
 - 7.3.2. ALSTOM PRODUCT PORTFOLIO
 - 7.3.3. ALSTOM RECENT ACTIVITIES
- 7.4. CISCO SYSTEMS, INC.
 - 7.4.1. INTRODUCTION
 - 7.4.2. CISCO SYSTEMS, INC. PRODUCT PORTFOLIO
 - 7.4.3. CISCO SYSTEMS, INC. RECENT ACTIVITIES
- 7.5. COMVERGE, INC.
 - 7.5.1. INTRODUCTION
 - 7.5.2. COMVERGE, INC. PRODUCT PORTFOLIO
 - 7.5.3. COMVERGE, INC. RECENT ACTIVITIES
- 7.6. ECHELON CORPORATION
 - 7.6.1. INTRODUCTION
 - 7.6.2. ECHELON CORPORATION PRODUCT PORTFOLIO
 - 7.6.3. ECHELON CORPORATION RECENT ACTIVITIES
- 7.7. EMETER CORPORATION
 - 7.7.1. INTRODUCTION
 - 7.7.2. EMETER CORPORATION PRODUCT PORTFOLIO
 - 7.7.3. EMETER CORPORATION RECENT ACTIVITIES
- 7.8. GENERAL ELECTRIC CO.
 - 7.8.1. INTRODUCTION
 - 7.8.2. GENERAL ELECTRIC CO. PRODUCT PORTFOLIO
 - 7.8.3. GENERAL ELECTRIC CO. RECENT ACTIVITIES
- 7.9. GRIDPOINT, INC.
 - 7.9.1. INTRODUCTION
 - 7.9.2. GRIDPOINT, INC. PRODUCT PORTFOLIO
 - 7.9.3. GRIDPOINT, INC. RECENT ACTIVITIES
- 7.10. IBM CORPORATION
 - 7.10.1. INTRODUCTION
 - 7.10.2. IBM CORPORATION PRODUCT PORTFOLIO
 - 7.10.3. IBM CORPORATION RECENT ACTIVITIES

7.11. ITRON, INC

7.11.1. INTRODUCTION

7.11.2. ITRON, INC PRODUCT PORTFOLIO

7.11.3. ITRON, INC RECENT ACTIVITIES

7.12. LANDIS+GYR

7.12.1. INTRODUCTION

7.12.2. LANDIS+GYR PRODUCT PORTFOLIO

7.12.3. LANDIS+GYR RECENT ACTIVITIES

7.13. OPEN SYSTEM INTERNATIONAL

7.13.1. INTRODUCTION

7.13.2. OPEN SYSTEM INTERNATIONAL PRODUCT PORTFOLIO

7.13.3. OPEN SYSTEM INTERNATIONAL RECENT ACTIVITIES

7.14. ORACLE CORPORATION

7.14.1. INTRODUCTION

7.14.2. ORACLE CORPORATION PRODUCT PORTFOLIO

7.14.3. ORACLE CORPORATION RECENT ACTIVITIES

7.15. SCHNEIDER ELECTRIC SE

7.15.1. INTRODUCTION

7.15.2. SCHNEIDER ELECTRIC SE PRODUCT PORTFOLIO

7.15.3. SCHNEIDER ELECTRIC SE RECENT ACTIVITIES

7.16. SENSUS

7.16.1. INTRODUCTION

7.16.2. SENSUS PRODUCT PORTFOLIO

7.16.3. SENSUS RECENT ACTIVITIES

7.17. SIEMENS AG

7.17.1. INTRODUCTION

7.17.2. SIEMENS AG PRODUCT PORTFOLIO

7.17.3. SIEMENS AG RECENT ACTIVITIES

7.18. SILVER SPRING NETWORK

7.18.1. INTRODUCTION

7.18.2. SILVER SPRING NETWORK PRODUCT PORTFOLIO

7.18.3. SILVER SPRING NETWORK RECENT ACTIVITIES

List Of Tables

LIST OF TABLES

Table # 1 GLOBAL SMART GRID MARKET RESEARCH AND ANALYSIS, BY DIAGNOSIS 2017-2022 (\$ MILLION)

Table # 2 GLOBAL ADVANCED METERING INFRASTRUCTURE MARKET RESEARCH AND ANALYSIS, 2017-2022 (\$ MILLION)

Table # 3 GLOBAL BILLING AND CUSTOMER INFORMATION SYSTEMS MARKET RESEARCH AND ANALYSIS, 2017-2022 (\$ MILLION)

Table # 4 GLOBAL GEOGRAPHIC INFORMATION SYSTEMS MARKET RESEARCH AND ANALYSIS, 2017-2022 (\$ MILLION)

Table # 5 GLOBAL GRID ASSET MANAGEMENT MARKET RESEARCH AND ANALYSIS, 2017-2022 (\$ MILLION)

Table # 6 GLOBAL SMART GRID COMMUNICATION MARKET RESEARCH AND ANALYSIS, 2017-2022 (\$ MILLION)

Table # 7 GLOBAL SMART GRID DISTRIBUTION MANAGEMENT MARKET RESEARCH AND ANALYSIS, 2017-2022 (\$ MILLION)

Table # 8 GLOBAL CYBER SECURITY MARKET RESEARCH AND ANALYSIS, 2017-2022 (\$ MILLION)

Table # 9 ABB GROUP PRODUCT PORTFOLIO

Table # 10 ABB GROUP RECENT ACTIVITIES

Table # 11 ACLARA TECHNOLOGIES LLC PRODUCT PORTFOLIO

Table # 12 ACLARA TECHNOLOGIES LLC RECENT ACTIVITIES

Table # 13 ALSTOM PRODUCT PORTFOLIO

Table # 14 ALSTOM RECENT ACTIVITIES

Table # 15 CISCO SYSTEMS, INC. PRODUCT PORTFOLIO

Table # 16 CISCO SYSTEMS, INC. RECENT ACTIVITIES

Table # 17 COMVERGE, INC. PRODUCT PORTFOLIO

Table # 18 COMVERGE, INC. RECENT ACTIVITIES

Table # 19 ECHELON CORPORATION PRODUCT PORTFOLIO

Table # 20 ECHELON CORPORATION RECENT ACTIVITIES

Table # 21 EMETER CORPORATION PRODUCT PORTFOLIO

Table # 22 EMETER CORPORATION RECENT ACTIVITIES

Table # 23 GENERAL ELECTRIC CO. PRODUCT PORTFOLIO

Table # 24 GENERAL ELECTRIC CO. RECENT ACTIVITIES

Table # 25 GRIDPOINT, INC. PRODUCT PORTFOLIO

Table # 26 GRIDPOINT, INC. RECENT ACTIVITIES

Table # 27 IBM CORPORATION PRODUCT PORTFOLIO

- Table # 28 IBM CORPORATION RECENT ACTIVITIES
- Table # 29 ITRON, INC PRODUCT PORTFOLIO
- Table # 30 ITRON, INC RECENT ACTIVITIES
- Table # 31 LANDIS+GYR PRODUCT PORTFOLIO
- Table # 32 LANDIS+GYR RECENT ACTIVITIES
- Table # 33 OPEN SYSTEM INTERNATIONAL PRODUCT PORTFOLIO
- Table # 34 OPEN SYSTEM INTERNATIONAL RECENT ACTIVITIES
- Table # 35 ORACLE CORPORATION PRODUCT PORTFOLIO
- Table # 36 ORACLE CORPORATION RECENT ACTIVITIES
- Table # 37 SCHNEIDER ELECTRIC SE PRODUCT PORTFOLIO
- Table # 38 SCHNEIDER ELECTRIC SE RECENT ACTIVITIES
- Table # 39 SENSUS PRODUCT PORTFOLIO
- Table # 40 SENSUS RECENT ACTIVITIES
- Table # 41 SIEMENS AG PRODUCT PORTFOLIO
- Table # 42 SIEMENS AG RECENT ACTIVITIES
- Table # 43 SILVER SPRING NETWORK
- Table # 44 SILVER SPRING NETWORK PRODUCT PORTFOLIO
- Table # 45 SILVER SPRING NETWORK RECENT ACTIVITIES

List Of Figures

LIST OF FIGURES

Figure # 1 NORTH AMERICA MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 2 US MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 3 CANADA MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 4 EUROPEAN MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 5 UK MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 6 FRANCE MARKET RESE

Figure # 7 ARCH AND ANALYSIS, 2017-2022

Figure # 8 GERMANY MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 9 ITALY MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 10 SPAIN MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 11 ROE MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 12 ASIA PACIFIC MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 13 INDIA MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 14 CHINA MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 15 JAPAN MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 16 ROPAC MARKET RESEARCH AND ANALYSIS, 2017-2022

Figure # 17 REST OF THE WORLD MARKET RESEARCH AND ANALYSIS,
2017-2022

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