

Global Smart Energy Market 2020-2027 by Component (Hardware & Equipment, Solution & Service), Product Type (Smart Grid, Digital Oilfield, Smart Solar), End Use (Residential, Commercial, Industrial), and Region: Trend Outlook and Growth Opportunity

<https://marketpublishers.com/r/GCF234BF2A4BEN.html>

Date: May 2021

Pages: 139

Price: US\$ 2,890.00 (Single User License)

ID: GCF234BF2A4BEN

Abstracts

Global smart energy market will reach \$595 billion by 2027, growing by 16.4% annually over 2020-2027 driven by the rising adoption of smart grid technologies, increasing regulations on using energy-efficient equipment, and the growing demand for clean energy.

Highlighted with 79 tables and 67 figures, this 139-page report “Global Smart Energy Market 2020-2027 by Component (Hardware & Equipment, Solution & Service), Product Type (Smart Grid, Digital Oilfield, Smart Solar), End Use (Residential, Commercial, Industrial), and Region: Trend Outlook and Growth Opportunity” is based on a comprehensive research of the entire global smart energy market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate/forecast from 2020 till 2027 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify global smart energy market in every aspect of the classification from perspectives of Component, Product Type, End Use, and Region.

Based on Component, the global market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Hardware & Equipment

Solution & Service

Based on Product Type, the global market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Smart Grid

Digital Oilfield

Smart Solar

Smart Home Energy Management System

Other Products

Based on End Use, the global market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Residential Use

Commercial Use

Industrial Use

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

North America (U.S., Canada, and Mexico)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, South Africa)

For each aforementioned region and country, detailed analysis and data for annual revenue are available for 2017-2027. The breakdown of all regional markets by country and split of key national markets by Component, Product Type, and End Use over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Key Players (this may not be a complete list and extra companies can be added upon request):

ABB Ltd.

Elster Group SE

General Electric Company

Honeywell International Inc.

International Business Machines Corp.

Itron, Inc.

Landis+Gyr AG

Robert Bosch GmbH

S&T Smart Energy

Schneider Electric SE

Sensus

Siemens AG

Solar Grid Storage LLC

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF GLOBAL MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware & Equipment
- 3.3 Solution & Service

4 SEGMENTATION OF GLOBAL MARKET BY PRODUCT TYPE

- 4.1 Market Overview by Product Type
- 4.2 Smart Grid
- 4.3 Digital Oilfield
- 4.4 Smart Solar

4.5 Smart Home Energy Management System

4.6 Other Products

5 SEGMENTATION OF GLOBAL MARKET BY END USE

5.1 Market Overview by End Use

5.2 Residential Use

5.3 Commercial Use

5.4 Industrial Use

6 SEGMENTATION OF GLOBAL MARKET BY REGION

6.1 Geographic Market Overview 2020-2027

6.2 North America Market 2020-2027 by Country

6.2.1 Overview of North America Market

6.2.2 U.S.

6.2.3 Canada

6.2.4 Mexico

6.3 European Market 2020-2027 by Country

6.3.1 Overview of European Market

6.3.2 UK

6.3.3 France

6.3.4 Germany

6.3.5 Spain

6.3.6 Italy

6.3.7 Russia

6.3.8 Rest of European Market

6.4 Asia-Pacific Market 2020-2027 by Country

6.4.1 Overview of Asia-Pacific Market

6.4.2 China

6.4.3 Japan

6.4.4 India

6.4.5 Australia

6.4.6 South Korea

6.4.7 Rest of APAC Region

6.5 South America Market 2020-2027 by Country

6.5.1 Argentina

6.5.2 Brazil

6.5.3 Chile

6.5.4 Rest of South America Market

6.6 MEA Market 2020-2027 by Country

6.6.1 UAE

6.6.2 Saudi Arabia

6.6.3 South Africa

6.6.4 Other National Markets

7 COMPETITIVE LANDSCAPE

7.1 Overview of Key Vendors

7.2 New Product Launch, Partnership, Investment, and M&A

7.3 Company Profiles

ABB Ltd.

Elster Group SE

General Electric Company

Honeywell International Inc.

International Business Machines Corp.

Itron, Inc.

Landis+Gyr AG

Robert Bosch GmbH

S&T Smart Energy

Schneider Electric SE

Sensus

Siemens AG

Solar Grid Storage LLC

Related Reports and Products

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Global Smart Energy Market in Balanced Perspective, 2020-2027
Table 2. Growth Rate of World GDP, 2020-2022
Table 3. Main Product Trends and Market Opportunities in Global Smart Energy Market
Table 4. Global Smart Energy Market by Component, 2017-2027, \$ bn
Table 5. Global Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 6. Global Smart Energy Market by End Use, 2017-2027, \$ bn
Table 7. Global Smart Energy Market by Region, 2017-2027, \$ bn
Table 8. Leading National Smart Energy Market, 2020 and 2027, \$ bn
Table 9. North America Smart Energy Market by Country, 2017-2027, \$ bn
Table 10. U.S. Smart Energy Market by Component, 2017-2027, \$ bn
Table 11. U.S. Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 12. U.S. Smart Energy Market by End Use, 2017-2027, \$ bn
Table 13. Canada Smart Energy Market by Component, 2017-2027, \$ bn
Table 14. Canada Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 15. Canada Smart Energy Market by End Use, 2017-2027, \$ bn
Table 16. Mexico Smart Energy Market by Component, 2017-2027, \$ bn
Table 17. Mexico Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 18. Mexico Smart Energy Market by End Use, 2017-2027, \$ bn
Table 19. Europe Smart Energy Market by Country, 2017-2027, \$ bn
Table 20. UK Smart Energy Market by Component, 2017-2027, \$ bn
Table 21. UK Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 22. UK Smart Energy Market by End Use, 2017-2027, \$ bn
Table 23. France Smart Energy Market by Component, 2017-2027, \$ bn
Table 24. France Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 25. France Smart Energy Market by End Use, 2017-2027, \$ bn
Table 26. Germany Smart Energy Market by Component, 2017-2027, \$ bn
Table 27. Germany Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 28. Germany Smart Energy Market by End Use, 2017-2027, \$ bn
Table 29. Spain Smart Energy Market by Component, 2017-2027, \$ bn
Table 30. Spain Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 31. Spain Smart Energy Market by End Use, 2017-2027, \$ bn
Table 32. Italy Smart Energy Market by Component, 2017-2027, \$ bn
Table 33. Italy Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 34. Italy Smart Energy Market by End Use, 2017-2027, \$ bn
Table 35. Russia Smart Energy Market by Component, 2017-2027, \$ bn

Table 36. Russia Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 37. Russia Smart Energy Market by End Use, 2017-2027, \$ bn
Table 38. Smart Energy Market in Rest of Europe by Country, 2017-2027, \$ bn
Table 39. APAC Smart Energy Market by Country, 2017-2027, \$ bn
Table 40. China Smart Energy Market by Component, 2017-2027, \$ bn
Table 41. China Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 42. China Smart Energy Market by End Use, 2017-2027, \$ bn
Table 43. Japan Smart Energy Market by Component, 2017-2027, \$ bn
Table 44. Japan Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 45. Japan Smart Energy Market by End Use, 2017-2027, \$ bn
Table 46. India Smart Energy Market by Component, 2017-2027, \$ bn
Table 47. India Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 48. India Smart Energy Market by End Use, 2017-2027, \$ bn
Table 49. Australia Smart Energy Market by Component, 2017-2027, \$ bn
Table 50. Australia Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 51. Australia Smart Energy Market by End Use, 2017-2027, \$ bn
Table 52. South Korea Smart Energy Market by Component, 2017-2027, \$ bn
Table 53. South Korea Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 54. South Korea Smart Energy Market by End Use, 2017-2027, \$ bn
Table 55. Smart Energy Market in Rest of APAC by Country/Region, 2017-2027, \$ bn
Table 56. South America Smart Energy Market by Country, 2017-2027, \$ bn
Table 57. Argentina Smart Energy Market by Component, 2017-2027, \$ bn
Table 58. Argentina Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 59. Argentina Smart Energy Market by End Use, 2017-2027, \$ bn
Table 60. Brazil Smart Energy Market by Component, 2017-2027, \$ bn
Table 61. Brazil Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 62. Brazil Smart Energy Market by End Use, 2017-2027, \$ bn
Table 63. Chile Smart Energy Market by Component, 2017-2027, \$ bn
Table 64. Chile Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 65. Chile Smart Energy Market by End Use, 2017-2027, \$ bn
Table 66. MEA Smart Energy Market by Country, 2017-2027, \$ bn
Table 67. UAE Smart Energy Market by Component, 2017-2027, \$ bn
Table 68. UAE Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 69. UAE Smart Energy Market by End Use, 2017-2027, \$ bn
Table 70. Saudi Arabia Smart Energy Market by Component, 2017-2027, \$ bn
Table 71. Saudi Arabia Smart Energy Market by Product Type, 2017-2027, \$ bn
Table 72. Saudi Arabia Smart Energy Market by End Use, 2017-2027, \$ bn
Table 73. South Africa Smart Energy Market by Component, 2017-2027, \$ bn
Table 74. South Africa Smart Energy Market by Product Type, 2017-2027, \$ bn

Table 75. South Africa Smart Energy Market by End Use, 2017-2027, \$ bn

Table 76. ABB Ltd.: Company Snapshot

Table 77. ABB Ltd.: Business Segmentation

Table 78. ABB Ltd.: Product Portfolio

Table 79. ABB Ltd.: Revenue, 2017-2019, \$ bn

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2027

Figure 4. Global Smart Energy Market, 2017-2027, \$ bn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Global Smart Energy Market

Figure 7. Primary Restraints and Impact Factors of Global Smart Energy Market

Figure 8. Investment Opportunity Analysis

Figure 9. Porter's Fiver Forces Analysis of Global Smart Energy Market

Figure 10. Breakdown of Global Smart Energy Market by Component, 2020-2027, % of Revenue

Figure 11. Contribution to Global 2021-2027 Cumulative Revenue by Component, Value (\$ bn) and Share (%)

Figure 12. Global Smart Energy Market: Hardware & Equipment, 2017-2027, \$ bn

Figure 13. Global Smart Energy Market: Solution & Service, 2017-2027, \$ bn

Figure 14. Breakdown of Global Smart Energy Market by Product Type, 2020-2027, % of Revenue

Figure 15. Contribution to Global 2021-2027 Cumulative Revenue by Product Type, Value (\$ bn) and Share (%)

Figure 16. Global Smart Energy Market: Smart Grid, 2017-2027, \$ bn

Figure 17. Global Smart Energy Market: Digital Oilfield, 2017-2027, \$ bn

Figure 18. Global Smart Energy Market: Smart Solar, 2017-2027, \$ bn

Figure 19. Global Smart Energy Market: Smart Home Energy Management System, 2017-2027, \$ bn

Figure 20. Global Smart Energy Market: Other Products, 2017-2027, \$ bn

Figure 21. Breakdown of Global Smart Energy Market by End Use, 2020-2027, % of Revenue

Figure 22. Contribution to Global 2021-2027 Cumulative Revenue by End Use, Value (\$ bn) and Share (%)

Figure 23. Global Smart Energy Market: Residential Use, 2017-2027, \$ bn

Figure 24. Global Smart Energy Market: Commercial Use, 2017-2027, \$ bn

Figure 25. Global Smart Energy Market: Industrial Use, 2017-2027, \$ bn

Figure 26. Global Market Snapshot by Region

Figure 27. Geographic Spread of Worldwide Smart Energy Market, 2020-2027, % of

Revenue

Figure 28. Contribution to Global 2021-2027 Cumulative Revenue by Region, Value (\$ bn) and Share (%)

Figure 29. North American Smart Energy Market, 2017-2027, \$ bn

Figure 30. Breakdown of North America Smart Energy Market by Country, 2020 and 2027, % of Revenue

Figure 31. Contribution to North America 2021-2027 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

Figure 32. U.S. Smart Energy Market, 2017-2027, \$ bn

Figure 33. Canada Smart Energy Market, 2017-2027, \$ bn

Figure 34. Smart Energy Market in Mexico, 2017-2027, \$ bn

Figure 35. European Smart Energy Market, 2017-2027, \$ bn

Figure 36. Breakdown of European Smart Energy Market by Country, 2020 and 2027, % of Revenue

Figure 37. Contribution to Europe 2021-2027 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

Figure 38. Smart Energy Market in UK, 2017-2027, \$ bn

Figure 39. Smart Energy Market in France, 2017-2027, \$ bn

Figure 40. Smart Energy Market in Germany, 2017-2027, \$ bn

Figure 41. Smart Energy Market in Spain, 2017-2027, \$ bn

Figure 42. Smart Energy Market in Italy, 2017-2027, \$ bn

Figure 43. Smart Energy Market in Russia, 2017-2027, \$ bn

Figure 44. Smart Energy Market in Rest of Europe, 2017-2027, \$ bn

Figure 45. Asia-Pacific Smart Energy Market, 2017-2027, \$ bn

Figure 46. Breakdown of APAC Smart Energy Market by Country, 2020 and 2027, % of Revenue

Figure 47. Contribution to APAC 2021-2027 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

Figure 48. Smart Energy Market in China, 2017-2027, \$ bn

Figure 49. Smart Energy Market in Japan, 2017-2027, \$ bn

Figure 50. Smart Energy Market in India, 2017-2027, \$ bn

Figure 51. Smart Energy Market in Australia, 2017-2027, \$ bn

Figure 52. Smart Energy Market in South Korea, 2017-2027, \$ bn

Figure 53. Smart Energy Market in Rest of APAC, 2017-2027, \$ bn

Figure 54. South America Smart Energy Market, 2017-2027, \$ bn

Figure 55. Breakdown of South America Smart Energy Market by Country, 2020 and 2027, % of Revenue

Figure 56. Contribution to South America 2021-2027 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

Figure 57. Smart Energy Market in Argentina, 2017-2027, \$ bn

Figure 58. Smart Energy Market in Brazil, 2017-2027, \$ bn

Figure 59. Smart Energy Market in Chile, 2017-2027, \$ bn

Figure 60. Smart Energy Market in Rest of South America, 2017-2027, \$ bn

Figure 61. Smart Energy Market in Middle East and Africa (MEA), 2017-2027, \$ bn

Figure 62. Breakdown of MEA Smart Energy Market by Country, 2020 and 2027, % of Revenue

Figure 63. Contribution to MEA 2021-2027 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

Figure 64. Smart Energy Market in UAE, 2017-2027, \$ bn

Figure 65. Smart Energy Market in Saudi Arabia, 2017-2027, \$ bn

Figure 66. Smart Energy Market in South Africa, 2017-2027, \$ bn

Figure 67. Growth Stage of Global Smart Energy Industry over the Forecast Period

I would like to order

Product name: Global Smart Energy Market 2020-2027 by Component (Hardware & Equipment, Solution & Service), Product Type (Smart Grid, Digital Oilfield, Smart Solar), End Use (Residential, Commercial, Industrial), and Region: Trend Outlook and Growth Opportunity

Product link: <https://marketpublishers.com/r/GCF234BF2A4BEN.html>

Price: US\$ 2,890.00 (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/GCF234BF2A4BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970