

Global Energy Management System Market Size study, by Software (Utility EMS, Industrial EMS, Residential EMS, Enterprise Carbon and Energy Management, Other) by Device (In-House Display , Smart Thermostats, Smart Plugs, Load Control Switches) by Application (Home Energy Management, Building Energy Management) by Solution(Carbon Energy Management, Demand Response Management, Utility Billing and Customer Information System) by Vertical (Power and Energy, Telecom and IT, Manufacturing, Office and Commercial Buildings, Municipals, University, Schools and Hospitals) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G5C2AFAD878EN.html>

Date: June 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G5C2AFAD878EN

Abstracts

Global Energy Management System Market is valued approximately USD 64.60 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 18.8 % over the forecast period 2021-2027. An energy management system (EMS) is a computer-assisted tool that power system operators use to detect, regulate, and administer energy efficiently. An EMS's goal is to calculate power generation or demand that minimizes a specific goal, such as voltage profile, electrical failure, or environmental impact. Several organizations are grappling with the issue of lowering energy consumption. Energy management systems are projected to be more widely adopted in the mechanization of production as pressure to embrace sustainable energy solutions grows. Furthermore, energy management solutions assist businesses in reducing

operational expenses and greenhouse gas emissions, which is projected to encourage investors to invest in energy management solutions, resulting in market growth. Microsoft Corporation of France, for example, has invested in Schneider Electric's energy management technology to enhance its surveillance efficiency while lowering its carbon emissions. Furthermore, the use of energy security solutions has resulted in a 30 percent reduction in power use. The rising demand for EMS solutions has been fueled by the rapid rise of well-organized commercial and healthcare sectors. Furthermore, due to the quick introduction of novel products such as multi-network SCADA integration and other similar technologies, investments in these sectors are likely to expand. However, commuting needs have decreased as a result of remote working trends, resulting in lower carbon emissions. According to study published in April 2020, global CO₂ emissions are expected to decrease by 2.6 gigatonnes, or 8%, in 2020. As a result, the adoption of EMS has been slowed due to lower community environmental consequences. As a result, the market has been hampered mostly by commuting requirements. Renewable energy sources such as solar, nuclear, wind, biogas, and hydro power are becoming increasingly popular, presenting prospects for the worldwide energy management system industry. Furthermore, energy management systems may save a significant amount of energy while remaining cost-effective, which is expected to be a major development factor for the market.

North America market is predicted to hold the highest share in the market owing to radically altering energy regulations and rising investment in renewable energy sources in the U.S. The market is expected to grow further due to the growing acceptance and utilisation of renewable energy among countries in the North American region. According to research, renewable energy sources account for 8% of total primary energy consumption in the United States as of 2019. Various industry behemoths are increasing their investments in advanced energy management systems in order to cut down on energy waste, which is foreseen to boost the market growth in the region. Growing attempts to promote the use of renewable energy in emerging economies, such as subsidizing for solar farms, are expected to boost market growth in the Asia Pacific area.

Major market player included in this report are:

Honeywell Inc.
Schneider Electric
Siemens AG
C3 Energy
General Electric Company
Emerson Process Management

Daikin Industries
Daintree Networks
Jones Lang LaSalle
Gridpoint Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Software:

- Utility EMS
- Industrial EMS
- Residential EMS
- Enterprise Carbon and Energy Management
- Other

By Device:

- In-House Display
- Smart Thermostats
- Smart Plugs
- Load Control Switches

By Application:

- Home Energy Management
- Building Energy Management

By Solution:

- Carbon Energy Management
- Demand Response Management
- Utility Billing and Customer Information System

By Vertical:

- Power and Energy
- Telecom and IT
- Manufacturing
- Office and Commercial Buildings
- Municipal

University
Schools
Hospitals

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Energy Management System Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists

Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Energy Management Systems Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Energy Management Systems Market, by Software, 2019-2027 (USD Billion)
 - 1.2.3. Energy Management Systems Market, by Device, 2019-2027 (USD Billion)
 - 1.2.4. Energy Management Systems Market, by Application, 2019-2027 (USD Billion)
 - 1.2.5. Energy Management Systems Market, by Solution, 2019-2027 (USD Billion)
 - 1.2.6. Energy Management Systems Market, by Vertical, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET DYNAMICS

- 3.1. Energy Management Systems Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing investments in energy management systems
 - 3.1.1.2. Widespread adoption of sustainable energy solutions
 - 3.1.1.3. Reduction in operational expenses
 - 3.1.2. Market Challenges
 - 3.1.2.1. Reduced commuting requirements
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Cost effectiveness

CHAPTER 4. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET INDUSTRY

Global Energy Management System Market Size study, by Software (Utility EMS, Industrial EMS, Residential EMS,...

ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)

4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET, BY SOFTWARE

5.1. Market Snapshot

5.2. Global Energy Management Systems Market by Software, Performance - Potential Analysis

5.3. Global Energy Management Systems Market Estimates & Forecasts by Software 2018-2027 (USD Billion)

5.4. Energy Management Systems Market, Sub Segment Analysis

5.4.1. Utility EMS

5.4.2. Industrial EMS

5.4.3. Residential EMS

5.4.4. Enterprise Carbon and Energy Management

5.4.5. Others

CHAPTER 6. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET, BY DEVICE

6.1. Market Snapshot

6.2. Global Energy Management Systems Market by Device, Performance - Potential Analysis

6.3. Global Energy Management Systems Market Estimates & Forecasts by Device 2018-2027 (USD Billion)

6.4. Energy Management Systems Market, Sub Segment Analysis

- 6.4.1. In-House Display
- 6.4.2. Smart Thermostats
- 6.4.3. Smart Plugs
- 6.4.4. Load Control Switches

CHAPTER 7. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global Energy Management Systems Market by Application, Performance - Potential Analysis

7.3. Global Energy Management Systems Market Estimates & Forecasts by Application 2018-2027 (USD Billion)

7.4. Energy Management Systems Market, Sub Segment Analysis

- 7.4.1. Home Energy Management
- 7.4.2. Building Energy Management

CHAPTER 8. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET, BY SOLUTION

8.1. Market Snapshot

8.2. Global Energy Management Systems Market by Solution, Performance - Potential Analysis

8.3. Global Energy Management Systems Market Estimates & Forecasts by Solution 2018-2027 (USD Billion)

8.4. Energy Management Systems Market, Sub Segment Analysis

- 8.4.1. Carbon Energy Management
- 8.4.2. Demand Response Management
- 8.4.3. Utility Billing and Customer Information System

CHAPTER 9. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET, BY VERTICAL

9.1. Market Snapshot

9.2. Global Energy Management Systems Market by Vertical , Performance - Potential Analysis

9.3. Global Energy Management Systems Market Estimates & Forecasts by Vertical 2018-2027 (USD Billion)

9.4. Energy Management Systems Market, Sub Segment Analysis

- 9.4.1. Power and Energy
- 9.4.2. Telecom and IT
- 9.4.3. Manufacturing
- 9.4.4. Office and Commercial Buildings
- 9.4.5. Municipals
- 9.4.6. University
- 9.4.7. Schools
- 9.4.8. Hospitals

CHAPTER 10. GLOBAL ENERGY MANAGEMENT SYSTEMS MARKET, REGIONAL ANALYSIS

10.1. Energy Management Systems Market, Regional Market Snapshot

10.2. North America Energy Management Systems Market

10.2.1. U.S. Energy Management Systems Market

- 10.2.1.1. Software breakdown estimates & forecasts, 2018-2027
- 10.2.1.2. Device breakdown estimates & forecasts, 2018-2027
- 10.2.1.3. Application breakdown estimates & forecasts, 2018-2027
- 10.2.1.4. Solution breakdown estimates & forecasts, 2018-2027
- 10.2.1.5. Vertical breakdown estimates & forecasts, 2018-2027

10.2.2. Canada Energy Management Systems Market

10.3. Europe Energy Management Systems Market Snapshot

10.3.1. U.K. Energy Management Systems Market

10.3.2. Germany Energy Management Systems Market

10.3.3. France Energy Management Systems Market

10.3.4. Spain Energy Management Systems Market

10.3.5. Italy Energy Management Systems Market

10.3.6. Rest of Europe Energy Management Systems Market

10.4. Asia-Pacific Energy Management Systems Market Snapshot

10.4.1. China Energy Management Systems Market

10.4.2. India Energy Management Systems Market

10.4.3. Japan Energy Management Systems Market

10.4.4. Australia Energy Management Systems Market

10.4.5. South Korea Energy Management Systems Market

10.4.6. Rest of Asia Pacific Energy Management Systems Market

10.5. Latin America Energy Management Systems Market Snapshot

10.5.1. Brazil Energy Management Systems Market

10.5.2. Mexico Energy Management Systems Market

10.6. Rest of The World Energy Management Systems Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

11.1. Top Market Strategies

11.2. Company Profiles

11.2.1. Honeywell Inc

11.2.1.1. Key Information

11.2.1.2. Overview

11.2.1.3. Financial (Subject to Data Availability)

11.2.1.4. Product Summary

11.2.1.5. Recent Developments

11.2.2. Schneider Electric

11.2.3. Siemens AG

11.2.4. C3 Energy

11.2.5. General Electric Company

11.2.6. Emerson Process Management

11.2.7. Daikin Industries

11.2.8. Daintree Networks

11.2.9. Jones Lang LaSalle

11.2.10. Gridpoint Inc.

CHAPTER 12. RESEARCH PROCESS

12.1. Research Process

12.1.1. Data Mining

12.1.2. Analysis

12.1.3. Market Estimation

12.1.4. Validation

12.1.5. Publishing

12.2. Research Attributes

12.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Energy Management Systems market, report scope

TABLE 2. Global Energy Management Systems market estimates & forecasts by Region 2018-2027 (USD Billion)

TABLE 3. Global Energy Management Systems market estimates & forecasts by Software 2018-2027 (USD Billion)

TABLE 4. Global Energy Management Systems market estimates & forecasts by Device 2018-2027 (USD Billion)

TABLE 5. Global Energy Management Systems market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 6. Global Energy Management Systems market estimates & forecasts by Solution 2018-2027 (USD Billion)

TABLE 7. Global Energy Management Systems market estimates & forecasts by Vertical 2018-2027 (USD Billion)

TABLE 8. Global Energy Management Systems market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Energy Management Systems market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Energy Management Systems market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Energy Management Systems market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Energy Management Systems market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Energy Management Systems market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Energy Management Systems market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Energy Management Systems market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global Energy Management Systems market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. Global Energy Management Systems market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. U.S. Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. U.S. Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 20. U.S. Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. Canada Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. Canada Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. Canada Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. UK Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. UK Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. UK Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Germany Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. Germany Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. Germany Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. RoE Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. RoE Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. RoE Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. China Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. China Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. China Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. India Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. India Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. India Energy Management Systems market estimates & forecasts by

segment 2018-2027 (USD Billion)

TABLE 39. Japan Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. Japan Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. Japan Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. RoAPAC Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. RoAPAC Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. RoAPAC Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Brazil Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. Brazil Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Brazil Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. Mexico Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. Mexico Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. Mexico Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. RoLA Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. RoLA Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. RoLA Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Row Energy Management Systems market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 55. Row Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 56. Row Energy Management Systems market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. List of secondary sources, used in the study of global Energy Management Systems market

TABLE 58. List of primary sources, used in the study of global Energy Management Systems market

TABLE 59. Years considered for the study

TABLE 60. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Energy Management Systems market, research methodology
- FIG 2. Global Energy Management Systems market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Energy Management Systems market, key trends 2020
- FIG 5. Global Energy Management Systems market, growth prospects 2021-2027
- FIG 6. Global Energy Management Systems market, porters 5 force model
- FIG 7. Global Energy Management Systems market, pest analysis
- FIG 8. Global Energy Management Systems market, value chain analysis
- FIG 9. Global Energy Management Systems market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Energy Management Systems market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Energy Management Systems market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Energy Management Systems market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Energy Management Systems market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Energy Management Systems market, regional snapshot 2018 & 2027
- FIG 15. North America Energy Management Systems market 2018 & 2027 (USD Billion)
- FIG 16. Europe Energy Management Systems market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Energy Management Systems market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Energy Management Systems market 2018 & 2027 (USD Billion)
- FIG 19. Global Energy Management Systems market, company market share analysis (2020)

I would like to order

Product name: Global Energy Management System Market Size study, by Software (Utility EMS, Industrial EMS, Residential EMS, Enterprise Carbon and Energy Management, Other) by Device (In-House Display , Smart Thermostats, Smart Plugs, Load Control Switches) by Application (Home Energy Management, Building Energy Management) by Solution(Carbon Energy Management, Demand Response Management, Utility Billing and Customer Information System) by Vertical (Power and Energy, Telecom and IT, Manufacturing, Office and Commercial Buildings, Municipals, University, Schools and Hospitals) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G5C2AFAD878EN.html>

Price: US\$ 4,950.00 (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/G5C2AFAD878EN.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