

# Residential Energy Management - Global Market Outlook (2020 -2028)

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## Abstracts

According to Statistics MRC, the Global Residential Energy Management Market is accounted for \$2.20 billion in 2020 and is expected to reach \$6.87 billion by 2028 growing at a CAGR of 15.3% during the forecast period. Government plans and policies toward energy effectiveness in residential buildings and increasing energy expenditure in residential sectors of non-OECD and OECD nations are the major factors propelling the market growth. However, high initial costs related to deploying residential energy management systems are hampering the market growth.

Residential energy management solutions are cost-efficient and the latest technology solutions are considered to provide the command of decrease in energy consumption by residential customers. Residential energy management solutions measure the energy consumption of a home's heating and individual appliances to uncover trends in electricity utilization and operate devices to get maximum savings.

Based on the communication technology, the wired segment is estimated to have a huge demand during the forecast period. Wired communication technology broadcasts large volumes of data, analyzes the data, and offers actionable information for grid operators. The growth of this wired communication technology segment is attributed to its increased security, lack of interference, and high speed.

By geography, North America is going to have a lucrative growth during the forecast period. The command for residential energy management in this region is determined by rising investments in grid expansion projects to raise energy efficiency, grid reliability, and improved power consumption residential sector.

Some of the key players profiled in the Residential Energy Management Market include

Aclara Technologies, Alertme.Com, Carrier, Comverge, EcoFactor, Elster Group, General Electric, Itron, Landis+Gyr, Opower, Schneider Electric, Silver Spring Networks, Tendril Networks, Danaher Corporation, Celestron LLC, Leica Microsystems, Carl Zeiss AG, Nikon Corporation, Keyence Corporation, Jeol, Ltd., Hirox Corporation, Olympus Corporation, and Tagarno A/S.

#### Communication Technologies Covered:

Wired

Wireless

#### Hardware Covered:

Control Devices

Demand Response (DR) Devices

In-House Displays (IHD)

Load Control Switches (LCS)

Relays

Remote Terminal Units

Heating and Air-Conditioning (HVAC) Control Devices

Gateways

Ventilating

Sensors

Display Devices

Batteries

Controllers

Smart Meters

Smart Appliances

Smart Thermostats

Smart Plugs

#### Product Types Covered:

Desktop Digital Microscope

Portable Digital Microscope

Wireless digital microscope

#### Platforms Covered:

Energy Analytics

Energy Management Platform (EMP)

Customer Engagement Platform (CEP)

#### Applications Covered:

Power Monitoring & Control

Load Shedding & Management

Flexible Load Management

#### Regions Covered:

## North America

US

Canada

Mexico

## Europe

Germany

UK

Italy

France

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

## South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

## Supply chain trends mapping the latest technological advancements

### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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