Microgrid Automation Systems Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023

MICROGRIDS ARE A PREFERRED GRID ARCHITECTURE

The utility industry is in the midst of massive structural change. The transition from a vertically integrated utility industry (ownership of generation, transmission, and distribution) to distributed generation and energy storage is well underway Central generating plants are being shut down and new generation is dominated by distributed renewable wind and solar and new smaller natural gas generating plants.

The emergence of lower cost lithium batteries, the advancement of inverters/rectifiers, and new regulations allowing batteries to compete in wholesale energy and ancillary services markets are major factors that support a microgrids architecture.

Enabling Technology: In many areas, PV farms with battery storage are competitive with natural gas generation.

Learn who the players are in the microgrid automation market and what technology is catching on. The microgrid automation market report includes the latest trends in ancillary service markets, battery technology, advanced control systems, and smart grid communications standards. The report covers a wide range of automation suppliers.

Understand the latest market drivers like utility deregulation, powering rural areas, improving grid reliability, energy storage technology, combined heat and power, and new distributed energy generation.

Learn about regional differences in the microgrid market and the diverse range of end users that are building, operating, and financing microgrids.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

The Microgrid Automation Systems market report provides strategies for suppliers and buyers. The report addresses strategic issues including: changing market regulations, changing government incentives, new power generation technologies, new energy storage technologies, and new control and optimization technologies, and a wide range of grid architectures and value propositions.

The business models for microgrid buyers can be quite complex. Utilities can see microgrids ownership and operation as heading off third party microgrid ownership by providing resiliency and reliability.

The market is being driven by increased adoption in manufacturing, increased utilization/reduced curtailment of renewable generation, and improved demand response by scheduling loads.

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS
- Major Trends
- Regional Trends
- Industry Segments
- Strategies for Success

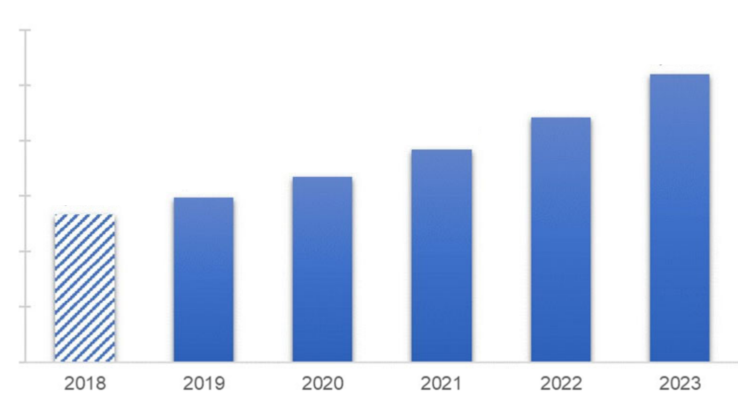
COMPETITIVE ANALYSIS
- Market Shares of the Leading Suppliers
- Market Shares by Region
  - North America
  - Europe, Middle East, Africa
  - Asia
  - Latin America
- Market Shares by Revenue Category
  - Hardware
  - Software
  - Services
- Market Shares by Facility Type
  - Campus
  - Commercial
  - Industrial
  - Island
- Market Shares by Power Source
  - Biofuel
  - Diesel
  - Hydro
  - Natural Gas
  - Solar CSP
  - Solar PV
  - Wind
- Market Shares by Control System Type
  - Battery Packaged Systems
  - Inverters
  - Primary Controls
  - Secondary Controls
  - Substation & Switchgear
  - Tertiary Controls
- Market Shares by Grid Size
- Market Shares by Project Size
- Market Shares by Sales Channel
- Market Shares by Customer Type

MARKET FORECASTS & HISTORIES
- Total Microgrid Automation Business
- Shipments by Region
- Shipments by Revenue Category
- Shipments by Facility Type
- Shipments by Control System Type
- Shipments by Power Source
- Shipments by Grid Size
- Shipments by Project Size
- Shipments by Sales Channel
- Shipments by Customer Type

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

Worldwide Microgrid Automation Systems Market



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