



The 2016 Report on Microgrid Control System World Market Segmentation and Major Players Analysis 2020

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PUNE, INDIA, September 21, 2016 /EINPresswire.com/ -- Microgrid consists of group of interconnected load and distributed energy resources with clearly defined electrical boundaries that acts as a single controllable entity. Microgrid can function independently and can also be connected to the main grid to share load and provide additional support, they actively act as useful substitute during power failure and blackout situations. Having a distributed energy generation system which includes mainly green energy sources, the overall system provides a lower environmental impact and improves security of energy supply. Microgrid Control System market is expected to witness high growth over the forecast period.

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Microgrids control system provides an ecosystem to monitor, control, and analyze microgrid functioning from a central control center. It is a dynamic software which enables full control over microgrid activities ranging from energy generation, channel networking to the final power distribution from the microgrid. It optimizes the dispatch of DER's to reduce the total cost of energy and microgrid operation and also maintains a secure and reliable power supply for mission critical loads for operation in 'islanded mode'.

The global [microgrid control system](#) market has been broadly segmented on the basis of type, application and geography. As per the type the microgrid control system market has been segmented into Off-Grid, Grid Connected and hybrid. Whereas, as per application the market has been segmented into utilities, cities and municipalities, defense, industrial and others.

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Drivers:

- Increasing demand for effective microgrid centralized control center.
- Rising need to improve operational efficiency.
- Need to support emergency blackouts.

Challenges:

- Involves high implementation costs.
- Technological issues.

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Future of Microgrid Control System Market

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