

# Global Synchrophasor Market Research 2011- 2022

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## Abstracts

### Summary

A synchrophasor is a time-synchronized measurement of a quantity described by a phasor. Like a vector, a phasor has magnitude and phase information. Devices called phasor measurement units (PMU) measure voltage and current and with these measurements calculate parameters such as frequency and phase angle. It provides real-time data of the grid system to operators, helping them make decisions to prevent any power outage. The measurements obtained from synchrophasor are used to improve grid visualization, operational monitoring, power system control, stability monitoring, state estimation, and fault analysis. Each measurement taken by a synchrophasor is time-stamped according to a common time reference. This enables synchrophasor from different utilities to be combined and synchronized, which presents a comprehensive view of a regional interconnection.

The Global Synchrophasor market is estimated to reach xxx Million USD in 2017. In the report, HeyReport says Power Station dominates the largest Application share in 2017. The objective of report is to define, segment, and project the market on the basis of type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

### By Type

Type A

Type B

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

Based on Application, the report describes major Application share of regional market. Application mentioned as follows:

Power Station

Transforming Station

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

ABB

GE Grid Solutions

Siemens Energy

State Grid Corporation of China

Beijing Sifang Automation

Schweitzer Engineering Laboratories

NR Electric

Arbiter Systems

Vizimax

Macrodyne

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