

Analyzing the Smart Grid in China 2016

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Abstracts

The market for smart grids in China is anticipated to grow at a significant rate of 20% to 2020. One of the key factors contributing to this market growth is China's systematic smart grid implementation plan. The smart grid market in China has also been witnessing increased governmental investment. However, increased exposure to cyber-attacks could pose a challenge to the growth of this market.

The vast majority of smart grid investment in China centers around transmission, distribution automation and automatic metering reading (AMR) to support a developing grid and robust renewable energy build-out. China may not, however, fully exploit this opportunity. Government regulators will have to create a suitable vision for the nation's smart grid and provide appropriately supportive policies and incentives.

The government of China, the State Grid Corporation of China (SGCC) and China Southern Power Grid Company (CSG) are formulating plans and are initiating steps to complete the development of smart grids in China. The smart grid initiative taken by SGCC will continue for the period 2011-2020.

Aruvian Research analyzes the Smart Grid Industry in China in its research report *Analyzing the Smart Grid in China*. The report begins with an overview of the smart grid, technologies used in the smart grid and the constituents of the smart grid.

The global smart grid industry is analyzed through an analysis of the market for smart meters and synchrophasors. Each sector is analyzed through industry statistics, the units installed worldwide, industry revenues and the major players in these markets. An analysis of the smart grid market in Asia Pacific is carried out through the analysis of the market for smart meters, the market for RTUs and the market for synchrophasors.

The smart grid in China is analyzed through industry statistics, development in terms of

installation of smart meters and synchrophasors. We look at the revenues earned from the installations of smart meters and from the synchrophasor market as well. Regulatory framework and technological developments in the country is also analyzed.

Major players in the global smart grid industry as well as domestic players in the Chinese smart grid industry are analyzed in this report, *Analyzing the Smart Grid in China*.

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