

# Smart Grid Market in India 2013

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## Abstracts

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Netscribes' latest market research report titled Smart Grid Market in India 2013 covers a wide spectrum of concerns in the smart grid industry and identifies several factors impacting smart grid deployment in India. A Smart Grid is an 'energy internet' that delivers real time energy information through technologies that help stabilize existing grids with precise power control. The technology has emerged as a growing phenomenon in the global industrial arena and has also been given high national priority by the Indian Government. 14 pilot projects have been initiated and the market has also witnessed substantial investments from local and international players. The boom in the sector has also attracted several IT majors who have formed partnerships to develop Smart Grid solutions in India.

The smart grid industry is also witnessing a global pull owing to the US based sector's target of 80% renewable and 100% consumer participation in smart grid technology by 2035. China has also revealed plans to roll out 300 mn smart meters by 2015. The demand-supply gap of power in India will also act as a major driver for smart grids in the Indian market. The market's affinity for renewable energy is also expected to stimulate its demand. The report also identifies a few pain points in the industry that includes the need for larger investments and awareness in the market. Events such as Smart Grid Summit and World Smart Grid Conference are therefore being organized to gather, discuss and find solutions for Smart Grid development in India. The Ministry of Power (Government of India) has constituted two organizations such as ISGF and ISGTF for developing Smart Grid Technology in India, according to the report.

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### Market

The market is at a nascent stage of development with huge potential for growth

Domestic market for Smart Grid is slated to reach ~INR x bn by the end of 20--

This sector is expected to grow at a CAGR of z% to reach INR y bn by 20—

### Drivers & Challenges

#### Drivers

Rise in Demand for Power

Increasing Demand for Renewable Energy

Black out Risk on the Increase

Environmental Issue

High Power Transmission and Distribution Losses

#### Challenges

Security Threats

High Cost of Implementation

Lack of Awareness

#### Trends

Increasing International Participation

Adoption of Smart Grid Maturity Model (SGMM)

Adoption of Smart Meter

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