



UPCOMING REPORT: ENERGY STORAGE FOR SMART CITIES

As part of its continuing market analysis and research on opportunities related to Energy Storage System (ESS) applications in India, IESA will be releasing the “ESS integration for Smart Cities” report in the coming months. This report will cover detailed analysis and research on potential applications of ESS in the growth of Smart Cities in India.

With rapid urbanization in India, according to government of India estimates around 40% of India’s population of more than 1.2 billion would be living in cities by 2021. Accommodating these millions of people would be dependent on infrastructure, such as power, telecom, roads, water supply and mass transportation, coupled with civic infrastructure leading to the growth of smart cities. In addition the growing middle class population expecting better standard of living is also leading to the growth of smart cities.

Key highlights of the report on applications of ESS for smart cities are:

- Rapid rate of urbanization and growth of middle class population in India
 - ✓ Details on increase in urban population in past decade and projections through 2020.
 - ✓ Numbers on growth of middle class in India and its impact on developing better infrastructure.
- Highlights of government of India’s Jawaharlal Nehru National Urban Renewal Mission (JNNURM)
 - ✓ Plan to develop smart cities in every state of India.
 - ✓ Plan to build seven smart cities each home at least two million people as part of the ambitious Delhi Mumbai Industrial Corridor (DMIC) project involving total investment of \$100 billion.
- Key stakeholders and major players in the development of smart cities in India.
 - ✓ Examples of completed and upcoming smart city projects in India.
- Applications of ESS as part of the smart city infra-structure.
 - ✓ Case study illustrating applications of suitable ESS technology for smart cities.
- IESA estimated market potential for ESS for smart cities in India through 2020.
- Concluding with future growth in smart cities in India and the potential for ESS.

About India energy Storage Alliance

The **India Energy Storage Alliance (IESA)** was launched in 2012 by Customized Energy Solutions to promote Energy Storage and Micro-grid technologies and their applications in India by creating awareness among various stakeholders to make the Indian industry and power sector more competitive and efficient, and by promoting information exchange with the end users to assist with more informed decision making. IESA also provides insights to technology developers and system integrators on the policy landscape and business opportunities in India through frequent interaction with key stakeholders.

IESA – Knowledge Partner Network: IESA has also launched the Knowledge Partner Network (IESA KPN) for an open and transparent information exchange that will assist with decision making. Proactive Indian state owned utilities and regulatory commissions, statutory central government bodies like power research institutes, leading power transmission utilities, Special Economic Zone (SEZ)/ townships, telecom towers and infrastructure industry, industries (metals, petroleum etc.), storage supply chain vendors / manufacturers, universities / research groups, hotel groups and other key market participants in the storage arena are actively taking part in this alliance to broaden the vision and help realize the key goal of the IESA.

For more information on IESA,
Scan this QR code with your smart phone.



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