



## UPCOMING REPORT: ENERGY STORAGE FOR ELECTRIC TRANSPORTATION

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 Electric Transportation” report in the coming months. This report will cover detailed analysis and research on potential applications of ESS in the development of electric transportation in India.

Transportation in India is in the midst of significant change, driven by rising fuel costs, rapid urbanization, environmental concerns, and development of new technologies in developing transportation solutions.

Key highlights of the report on applications of ESS for electric transportation are:

- Growth in the number of vehicles in India
  - ✓ Details on number of vehicles added during the past decade and projections through 2020.
  - ✓ Estimates on increase in liquid fuel consumption & pollution due to vehicles added in past decade and projections through 2020.
  - ✓ Analysis on rising fuel costs and its impact on Indian economy.
- Highlights of government of India’s National Electric Mobility Mission Plan (NEMMP) 2020
- Projected sales of 6-7 million units of new full range of electric vehicles.
- Projected resultant liquid fuel savings and reduced carbon emissions achieved through 2020.
- Government of India plan to invest INR 13,000 crores (US \$ 2 billion) to incentivize private players into the EV sector; and to help the government save in fuel costs.
- Key stakeholders and major categories of electric vehicles.
  - ✓ Trends related to adoption of battery-electric vehicles and hybrid-electric vehicles.
  - ✓ Examples of existing and upcoming battery-electric vehicles and hybrid-electric vehicles projects in India by domestic and international manufacturers.
- Applications of ESS for electric vehicles.
  - ✓ Case study illustrating applications of suitable ESS technology for electric vehicles.
- IESA estimated market potential for ESS for electric transportation in India based on NEMMP 2020 and market trends.
- Concluding with future growth in electric transportation 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.



[www.indiaesa.info](http://www.indiaesa.info)

Ph.No:91-40-32407682