



ENERGY STORAGE INDIA 2014: Impetus for the development of the energy and electricity industry

2nd Conference & Expo takes place in December in New Delhi

The structural realignment of the energy infrastructure in India is the focus of the 2nd ENERGY STORAGE INDIA Conference & Expo, which will take place from 4th December through 5th December, 2014 in New Delhi. While the main interest will be on the establishment of technologically and economically viable energy storage and microgrid technologies, the Conference & Expo will systematically present a selection of practical applications and pioneering solutions while illustrating the necessary political conditions. On 3rd December, one day before the start of the Expo, interested visitors and exhibitors can take part in preparatory workshops of the Conference. The Conference will be hosted at the Kempinski Ambience Hotel.

After China, India is the most populated nation in the world, with a total population of almost 1.3 billion. Providing access to reliable power and power quality for all is a major challenge. In the Smart Grid Vision and Roadmap, the Ministry of Power has set a goal of electrification of all households with minimum 8 hour of power availability. This will require providing electricity to over 400 million people currently not connected to the grid. While developments are still in their infancy, the market has tremendous potential. Last year, India assumed a pioneering role in the deployment of advanced energy storage systems, particularly for decentralized applications with over \$300 Million spent on Li-Ion battery systems for telecom towers. Apart from the 600,000 telecom towers, India is also planning to install 26 million solar powered water pumps in coming decade. Over the next two years, the government will install the first pilot grid scale energy storage plants, and plans for a major implementation of this technology are to be completed by 2022. By 2020, India plans to



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install additional 30 GW of energy harnessed from wind power and 20 GW from solar power into the national grid.

The ENERGY STORAGE INDIA is an ideal platform for companies interested in detailed information on the requirements of the Indian market and provides an ideal opportunity for presenting their own products to a specialist audience while establishing new business partnerships. The Conference & Expo intends to bring together different interest groups and boost the competitive strength and efficiency of India's industry by promoting the exchange of information between technology providers, project developers and consumers. Among the salient subjects addressed by the Conference & Expo are issues such as the national and international legal conditions, the integration of renewable energy, off-grid applications, microgrids, smart grids, electro mobility and the protection of critical infrastructures. International experts are invited to submit their papers.

The ENERGY STORAGE INDIA is co-hosted by India Energy Storage Alliance (IESA), an initiative by Customized Energy Solutions for promotion of energy storage and microgrid technologies and by Messe Düsseldorf India. The Conference & Expo is being supported by numerous international associations and partners. The premiere of this Conference & Expo in December 2013 was the first platform for experts from the energy storage and electricity industry for understanding the advances in technology and unique needs of Indian consumers. More than 300 delegates from twelve countries spent three days in intense discussions, and 14 exhibitors presented innovative technologies and applications. ESI 2013 helped in advancing the dialogue for rapid energy storage and microgrid development in India by connecting various technology developers with potential partners, policy makers and key customers.

The ENERGY STORAGE INDIA Conference & Expo is a member of Messe Düsseldorf's WOLRD OF ENERGY STORAGE product family. The successful concept of Conference & Expos on the subject of energy storage has already been tried and tested in five countries in cooperation with expert partners with local intelligence about the market conditions of the respective region. During these events, experts from China, Germany, India, Japan and the US got together to discuss relevant issues.



For more information on ENERGY STORAGE INDIA, see www.esiexpo.in

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