



**PRESS RELEASE**

## **4<sup>th</sup> International Conference and Exhibition on Energy Storage and Microgrids - Energy Storage India in Mumbai was a Resounding Success!**

### **Next Step towards the National Energy Storage Mission, Opportunities in India**

Mumbai, January 2017 - The 4<sup>th</sup> annual Energy Storage India Conference and Exhibition, was another successful event that brought together 1044 industry professionals and 100+ speakers from more than 20 countries. The event came to a close on January 13, 2017 at the Nehru Centre in Mumbai, jointly organised by Customized Energy Solutions & Messe Düsseldorf India and powered by India Energy Storage Alliance.

Honourable Railway Minister, Shri Suresh Prabhu, addressed a key note at the conference emphasising on the Make in India and E-Mobility. Shri Suresh Prabhu reaffirmed the Government's commitment to add 175GW of Renewable Energy (RE) in the grid by 2022 and also highlighted the need of storage to augment integration of Renewable Energy. John Zahurancik, President – AES Energy Storage, delivered a key note highlighting the drivers for energy storage in India based on AES's global experience. He announced a joint partnership agreement between AES and Mitsubishi Corporation to deliver India's First Grid-Scale Energy Storage Array (10MW) to Tata Power DDL.

The 3 day event witnessed some serious developments in the country. During the conference, Managing Director of Delta Power Solutions India - Dalip Sharma, announced expansion of Delta's manufacturing facility in India to include production of Lithium ion batteries. John Wood, CEO – Ecoult announced a strategic partnership with Exide Industries to launch its UltraBattery in India with a plan to set up manufacturing in 2017. Brett Galura of AES also invited Indian manufacturers to supply components for AES's Advancion System. IESA and UL together invited nominations from the industry for IESA-UL energy storage standards taskforce to formulize India-based standards on energy storage modules and packs. Sunil Misra, Director General of Indian Electrical and Electronics Manufacturers' Association (IEEMA) and Dr. Rahul Walawalkar, Executive Director – India Energy Storage Alliance (IESA) signed an MoU to facilitate capacity building in Energy Storage Manufacturing, Policy Frameworks and Human Resource Development.





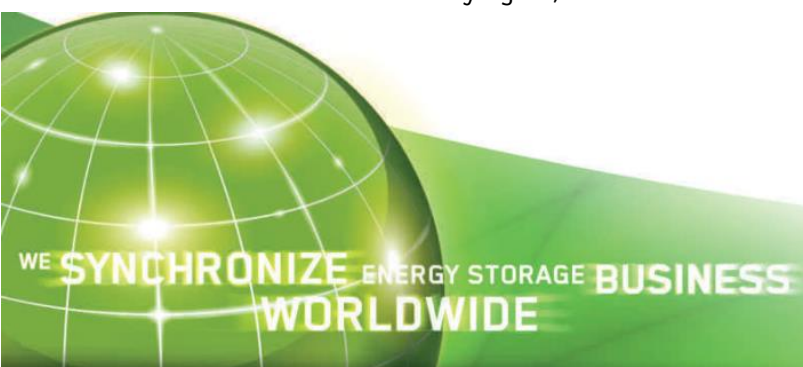
The event observed a strong participation from key policy makers and government bodies including Ministry of Power (MOP), NITI Aayog, Ministry of New & Renewable Energy (MNRE), Central Electricity Authority (CEA), Solar Energy Corporation of India (SECI), Power Grid Corporation of India Ltd. (PGCIL), Rural Electrification Corporation (REC) and National Thermal Power Corporation (NTPC) as well as state nodal agencies. The Policy and Regulatory Session featured an eminent panel comprising of Dr. Pramod Deo (Former Chairperson, CERC), Dr. P C Pant (MNRE) and Pankaj Batra (CEA) among others. The panellists briefed the audience about various initiatives and policy changes being considered by government agencies to fast track adoption of Energy Storage and Microgrids in India.

A key invite-only CXO Roundtable with key policy makers was attended by CEOs of IESA member companies to bridge the existing policy and regulatory gap in the sector and press for a national energy storage policy. The participants benefited from knowledge sharing by various international speakers covering USA, Canada, Europe, Russia, China, Australia, Japan and more.

Another underline of the event was European Space Agency's announcement on partnering with IESA in leveraging space technology to support micro-grid applications and modelling. Dr. Dinesh Arora, Executive Director - REC, confirmed that over 700 minigrids are in process of tendering in the country. He requested the industry to keep up the pace of technology innovation for bottom of pyramid. The Microgrid Initiative for Campus and Rural Opportunities (MICRO) initiative by IESA was demonstrated during the conference, explaining its unique value propositions for various stakeholders such as investors, developers and equipment suppliers catering to microgrid market.

India saw 46MW of opportunities in 2016 and looks forward to over 100MW of RFPs for 2017. This includes projects by SECI, NTPC, PGCIL, NLC, CEL and REIL. Dr. Bharath Reddy of SECI declared that a total of 13 bids were received for the recently concluded 2x5MW Storage + 50MW Solar PV project in Andhra Pradesh Solar Park.

Energy Storage India 2017 also introduced its first Industrial Awards, hosted by IESA. The awards were divided as – “Energy Storage Company of the Year” was awarded to Panasonic for deploying over 130MWh of Li-ion Batteries for Telecom and Banking applications in India, “Energy Storage Project of the Year” was awarded to PGCIL for their Puducherry project, “Technology Innovation of the Year” was awarded to Pluss Advanced Technologies for their revolutionary work in Phase Change Materials, and “Microgrid Company of the Year” was awarded to Husk Power for electrifying 15,500 households in India.





A special issue of Emerging Technology News (ETN) was also released by IESA at this occasion, which honours Business Leaders, Researchers and Policy Makers of Indian origin who have made an impact in the global Energy Storage and Micro-grid sector.

The parallel workshop on “Market Assessment and Characterization of Energy Battery Storage Technologies” planned by Indo German Energy Forum SO and the Official U.S. Pavilion in the Expo by the U.S. Commercial Service, was also a great influence for the participants.

The event saw avid participation from key industry stakeholders, academicians, entrepreneurs, business leaders looking to enter the energy storage space and others keenly interested in Energy Storage and Microgrids, deeming ESI 2017 a loud success.

Energy Storage India extends its heartfelt gratitude to Ministry of New & Renewable Energy (MNRE) for being the Principal Supporter, AES as the Title Partner, Delta Power Solutions as the Platinum Partner, Eaton Technologies, Exide Industries & Siemens as Silver Partners, Ecoult as Delegate Kit Partner, Indo German Energy Forum SO as the Workshop Partner, UL as Session Partner, Indian Energy Exchange as Exchange Partner and all Exhibitors for their relentless support.

ESI is thankful to IIT Bombay for their continual support from the beginning. ESI is also gratified towards all Supporting Association Partners and Media Partners for their contribution for shaping a successful event.

### **About Energy Storage India**

Energy Storage India (ESI) is the leading conference and expo addressing the need for energy storage and micro-grid solutions in India. ESI is the first energy storage conference and exhibition in the country to focus exclusively on applications, customers and deal making. It provides a first-class networking event to drive energy storage market expansion in profitable applications – highlighting the synergies, inter-relationships and new business opportunities for transmission, distribution, customer-sited, micro-grids/campuses and mobility applications.

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