

ENERGY STORAGE SOLUTIONS MEET

E\$SMEET

VIRTUAL CONFERENCE

3rd December, 2020

10:00 am – 5:00 pm



India Energy Storage Alliance (IESA) is organising 8th Energy Storage Solutions Meet (E\$SMEET) as a Virtual Conference on 3rd December, 2020 from 10:00 am – 5:00 pm.

This will be the largest virtual meet for Commercial & Industrial users to address 4 major issues:

- Solving power quality and reliability issues to avoid revenue loss due to interrupted manufacturing
- Reducing diesel consumption, by adopting Advanced Energy Storage as a back-up
- Developing Rooftop Solar + Energy Storage to supply evening peak power
- Energy cost savings through open access & energy storage

ORGANISED BY



CO-ORGANISED BY



HOST MAGAZINE PARTNER



KNOWLEDGE PARTNER



OUR PARTNERS

GOLD PARTNER

STERLING & WILSON



SUPPORTING PARTNERS



Indo-German
Energy Forum

PARTICIPANTS

Commercial and Industrial User: Open for all
Solutions Providers: IESA Members: Free – IESA Non-Members: ₹10,000/-

PAST EVENTS

**E\$SMEET
COIMBATORE**
September 2018

**E\$SMEET
PUNE**
October 2018

**E\$SMEET
DELHI NCR**
March 2019

**E\$SMEET
VIRTUAL CONFERENCE**
June 2020

**E\$SMEET
BENGALURU**
May 2019

**E\$SMEET
JHARKHAND**
July 2019

**E\$SMEET
KANPUR**
November 2019

CONTACT: Devyani Salunkhe M: +91 9975710139 E: dsalunkhe@ces-ltd.com
Shubham Gaikwad M: +91 9834808671 E: sgaiikwad@ces-ltd.com
Debi Prasad Dash M: +91 9699719818 E: ddash@ces-ltd.com

Theme

Currently most of the energy storage investment decisions for India are being driven by average levelized costs of energy through energy storage system, while there are various applications, where the marginal costs of current solutions being planned is significantly higher than current cost of storage technologies. E.g. diesel usage optimization is a low hanging fruit, but due to high initial cost comparing to diesel genset purchase and little understanding about cost of ownership & cost of operation by the commercial & Industrial establishments taking longer time for energy storage system installations in India. Also even in case of areas where diesel generators are used, there is an opportunity to improve efficiency by increasing loading of the generators for certain hours and shutting them down for other times where solar + storage can meet the load. On part loaded condition the marginal cost of electricity from diesel generator could be higher than 20 Rs / kWh, but due to lack of policy certainty and delays in decision making, we are yet to achieve goal to reduce carbon footprints. There many industries are also facing power quality issues for their batch manufacturing process. Power outage in industrial hubs also making huge loss for the industries in that region. In commercial complex, combined use of diesel genset and lead acid batteries burning higher money for the operators than single large scale installations of advanced energy storage technologies. This Forum will bring all this discussion points with suitable business case for the C&I establishments.

Agenda

- **Inaugural session**
- **Overview on the C&I Customer Issue**
 - Power Quality & Reliability Issues
 - Power Outage & Use of High cost Diesel for back up
 - Plan for Rooftop Solar & requirements of evening load
 - Challenges in Open Access
- **How Energy Storage Could be a perfect Solutions?**
- **Indian Energy Storage Market Overview**
- **Case Studies**
- **Overview of available Solutions (Presentation by Solution Provider)**
- **C&I Users View**
- **Networking between C&I User & Potential Solution Providers**



About IESA

India Energy Storage Alliance (IESA) is the premier alliance to focus on advancement of advanced energy storage and e-mobility technologies in India. The alliance was founded in 2012 by Customized Energy Solutions (CES). We work to make India a global hub for R&D, manufacturing and adoption of advanced energy storage and e-mobility technologies.

We have been at the forefront to contribute in development of enabling policy frameworks for adoption of Energy Storage and e-mobility technologies in India. We provide a eco-system to our members to network and grow their business in India and around the world through in-depth analysis and active dialogue among the various stakeholders. Our initiative 'IESA Academy' addresses the much-required skill development area through capability building programs and customized trainings with collaboration of Industry and academia.

Our members encompass all the vertices of the Industry covering energy storage manufacturers, research institutes, renewable energy, power electronics, EV manufacturing companies. Please find more information on IESA at <http://www.indiaesa.info>

CONTACT

Devyani Salunkhe
M: +91 9975710139
E: dsalunkhe@ces-ltd.com

Shubham Gaikwad
M: +91 8379037205
E: sgaikwad@ces-ltd.com

Debi Prasad Dash
M: +91 9699719818
E: ddash@ces-ltd.com

Customized Energy Solutions

A501, GO Square, Aundh Hinjewadi Link Road, Wakad, Pune-57 MH, India

www.indiaesa.info