



# Stationary Energy Storage India

*Defining roadmap and outlook for stationary energy storage in India*

APRIL 8, 2021, CONFERENCE & VIRTUAL EXPO



50+ Industry Leaders  
from around the world  
5000+ Visitors and  
15+ Partners



Meet State and  
Central government  
policy makers



6 conference sessions  
focused on renewable  
integration grid,  
BTM application

*Join India's Premier Stationary Energy Storage Event*

• **NETWORK** • **COLLABORATE** • **BUSINESS**

**SECURE YOUR SEAT NOW!**

**For Delegate Registration:**

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**Registration Link:**

<https://www.indiaesa.info/events/2nd-stationary-energy-storage-in-india-sesi>



# AGENDA

## Inauguration & Keynote Address

**Session  
1**

### **Stationary Energy Storage Policies for India**

- Draft National Wind-Solar Hybrid policy
- State level policies on wind-solar hybrid with Storage policy
- Role of CEA, CERC, Load Dispatch Centre for Storage Integration
- Renewable Energy – Round the Clock dispatch
- Draft Unified Guidelines on Standalone Energy Storage Systems procurement
- Policy requirement for Ancillary market

## India Stationary Storage Market Overview (*Special Presentation*)

**Session  
2**

### **Grid scale Energy Storage Integration**

- (For Grid Scale Solar PV / Wind Applications and DISCOM Use cases)
- Need of Energy Storage for large scale PV / Wind / Hybrids Plants
  - RE Shifting, RE firming, RE Smoothing and Ramp Control requirement
  - Analysis using COMETS (NPV, IRR, Payback calculation for the projects)
  - Energy Storage for Utilities for Peak load management, Grid Stability, Transmission & distribution deferral, and DSM

**Session  
3**

### **Energy Storage Financing**

- Overview of project financing options for energy storage projects
- Risk management and role of insurance
- Role of aggregators / ESCO companies
- New business models

**Session  
4**

### **Energy Storage for Behind the Meter Application**

- (Rooftop Solar & Microgrid, Inverter, UPS Back UP, Telecom Tower)
- Role of Net metering
  - C&I application including DG optimization.
  - Telecom tower, Inverter, UPS Back Up
  - Power Quality & reliability for C&I consumers
  - Micro-grid scenario in India & opportunities in campus & rural micro-grids

## India Stationary Storage Tender/ Project Update (*Special Presentation*)

**Session  
5**

### **Learning from India & global projects and Insights for National and International Experience**

- Global Stationary storage ecosystem and success stories
- Project Monitoring
- Learning and key take-away's from global projects
- Success stories from Stationary energy storage projects in India

**Session  
6**

### **Current and Upcoming Technologies for Stationary Energy Storage System**

- Technology evaluation and outlook for 2020-25
- Second life batteries for stationary applications
- Beyond batteries (thermal storage, mechanical storage, gravity storage)

## Registration Fee:

### Early Bird Price (Before 26 March 2021)

- Non IESA Member: INR 10,000/-
- IESA Member: Free

### Regular Price (After 26 March 2021)

- Non IESA Member: INR 15,000/-
- IESA Member: Free

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