



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:

- Non IESA Member: INR 10,000/-
- IESA Member: Free
- Non IESA Member: INR 15,000/-
- IESA Member: Free

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