



Elekore

2nd Annual

India Power Conference 2020



Agenda

India's Premier Forum
for the Power Sector

February, 11th - 12th, 2020

Hotel Le Meridien, New Delhi, INDIA

Supported By



Ministry of Power
Ministry of New and Renewable Energy



Knowledge
Provider



Generation
Partner



Gold
Sponsor



Renewable Energy Sponsor



In Association with



Media Partners



CONFERENCE AGENDA (Day-1)

08.30 | REGISTRATION AND REFRESHMENT

09.30 | Inaugural Session: Energizing Power Sector

- Current & Upcoming policy and regulatory scenario
- Bringing Sustainable Electricity for the masses
- Making Financing accessible, models and issues
- Emerging business opportunities and reassessment of existing programmes
- Risk management and mitigation across value chain
- Meeting RE targets
- Real Time Markets (RTM)

11.15 | NETWORKING AND REFRESHMENT

11.30 | Session 2: Challenges and Requirements of New Power System

- Commercial implication of grid balancing- DSM, production cost etc
- Implementation of Merit Order dispatch, must run status & non curtailment of power
- Ensuring adequate transmission network availability
- Forecast accuracy and grid preparedness
- Flexibility in operations and managing night time peak
- New Market products - International practices and experience
- Balancing market for Hydro & Gas
- Strengthening the distribution network
- Exchange Product (Upcoming)

13.15 | NETWORKING AND LUNCH

14.00 | Session 3: Understanding Block Chain, Cyber Security and Other IT/technological Enhancement & Innovations

- Need & implications for generators-both Conventional and RE on AGC
- Shifting to block chain in power trade- potential areas and issues
- Cyber security threat assessment to various stakeholders, emerging solutions and international experience
- Understanding threats to the smart grid and building resilience
- Update on technologies used in various schemes in distribution (IPDS, R-APDRP, NSGM, Smart Meter Programme, etc)

15.30 | NETWORKING AND REFRESHMENT

15.45 | Session 4: Regulatory Enhancements and Impact on Market

- Building uniformity in regulations across CERC/SERC's
- Timely appointment in ERC's
- Learning from Distribution reforms
- Reviewing recent regulations on
 - ✓ LC mechanism
 - ✓ Electrification
 - ✓ Cross border
 - ✓ SCED despatches
 - ✓ Power market (real time)
 - ✓ New exchange products and trade type
 - ✓ New tariff policy
 - ✓ Distribution franchise policy
 - ✓ RPO Compliance
 - ✓ Scheduling & Forecasting

16.45 | END OF THE CONFERENCE DAY 1

CONFERENCE AGENDA (Day-2)

10.00 | Session 5: Embracing Renewables in Mainstream Power Grid

- Energy Transition - Embracing large scale RE into the grid
- Understanding business models for RE including solar rooftop, group captive, micro grids, capex vs opex, etc
- Innovations in financing for RE projects, including new products such as small/green bonds, overcoming the bad loan conundrum
- Assessing recent tenders by SECI and others in wind and solar
- Decentralised RE systems-how can they help?
- Floating solar PV, solar wind hybrid & solar plus storage-Potential game changers?
- Focus on green energy corridors and REMC
- Payment Security : Timely payment to generators (Solar/Wind) by Utility on FIFO basis

11.30 | NETWORKING AND REFRESHMENT

11.45 | Session 6: EV and Storage

- Developing an integrated approach towards sustainability, accessibility and liveability
- Assessing suitability of large scale battery storage for the Indian grid (including cost curve)
- Hydrogen Fuel Cells
- Pumped storage challenges, cost and grid stability
- EV value chain and market penetration
- Manufacturing and investment opportunities in India

13.00 | NETWORKING AND LUNCH

13.30 | Session 7: Conventional Power: A Continuing Crucial Factor for India

- Evolving share of coal based power generation in the new decade
- Impact of FGD and other environmental compliances
- Is thermal generation cost competitive with other sources
- What are conventional generators doing on flexibility, decommissioning, digitalisation, etc
- Payment issues, Pass through & Open Access
- Securing coal
- Contractual and legal aspects of PPA
- Stressed assets- where are they headed
- Upcoming capacity addition, where do we stand

15.00 | NETWORKING AND REFRESHMENT

16.30 | END OF THE CONFERENCE DAY 2



www.elekore.com

 @ElekoreSystems

 Elekore Systems