



# India Energy Storage Week (IESW) 2025

11<sup>th</sup> International Conference & Expo on Energy Storage, Electric Mobility & Green Hydrogen

23<sup>rd</sup>- 27<sup>th</sup> June 2025, IICC, Yashbhoomi, New Delhi

**Technical Tour 23<sup>rd</sup> June 2025 (Site visit details will be updated soon)**

## India EV Day Conference Program (24<sup>th</sup> June 2025)

Time (Hrs. IST)	Session	Topic
09:00 – 10.00	<b>Registration</b>	
10:00 – 11.15	Inauguration Session	<b>India's roadmap for vehicle electrification</b> <ul style="list-style-type: none"> <li>• Key Central and State government policies</li> <li>• Current Status of EV manufacturing and future potential</li> <li>• Ways to increase EV adoption.</li> <li>• Export opportunities and key bottlenecks to address.</li> </ul>
11:15 – 11.30	<b>Networking Tea and Expo Visit</b>	
11:30 – 12.45	Panel discussion	<b>Growth Story of India's Electric Vehicles</b> <ul style="list-style-type: none"> <li>• Journey of the Indian Electric 2W industry</li> <li>• Electric Cars – yet to see mass adoptions In India</li> <li>• Electric 3-wheeler – India's success story</li> <li>• Hybrids – the immediate way for decarbonization of the transport sector</li> <li>• Key challenges and opportunities</li> <li>• Entrant of Global EV makers in the Indian market</li> <li>• Electric Bus Transportation – India Leading the way.</li> </ul>
12:45 – 13.00	Tech Session	EV Testing, Standards, Safety, Certification

<b>13:00 – 14:00</b>		<b>Networking Lunch and Expo Visit</b>
14:00 – 15:00	Panel discussion	<b>Battery Swapping Vs EV Charging</b> <ul style="list-style-type: none"> <li>• Charging Infra – Key enabler for electric 4W and bus in India</li> <li>• Key challenges in the Growth of Battery Swapping in India</li> <li>• Govt policies to support charging infra-adoption.</li> <li>• Key learning from current installations</li> </ul>
15:00 – 15:15	Tech Session	Lift Off – Soaring beyond Inter-calation – The future is here
15:15 – 14:00	Tech Session	<b>EV Powertrain &amp; EV Components Manufacturing – Opportunity for a decade.</b> <ul style="list-style-type: none"> <li>• Indigenous Powertrain manufacturing</li> <li>• Capturing the opportunities for EV components manufacturing</li> <li>• Opportunities to diversify from traditional ICE components to EV components.</li> <li>• Battery Packs developments and key learnings</li> </ul>
<b>16:00 – 16:30</b>		<b>Networking Tea and Expo Visit</b>
16:30 – 17:30	Plenary Session	<b>Panel Discussion:</b> <b>Way Forward to Accelerate Electric Mobility, Manufacturing, R&amp;D and Safe Adoption in In- dia.</b> <ul style="list-style-type: none"> <li>• Export-Import opportunities</li> <li>• Global Partnerships and tech transfer</li> <li>• New Battery Technologies</li> <li>• Innovation and R&amp;D in India</li> </ul>
17:30 – 17:45	Special Session	Global Electric Mobility Market Overview
17:45 – 18:00	<b>Day Summary and Vote of Thanks</b>	

# India Battery Manufacturing Day Conference (25<sup>th</sup> June 2025)

Time (Hrs. IST)	Session	Topic
<b>09:00 –10.00</b>	<b>Registration</b>	
10:00 –11.15	Inauguration Session	India's roadmap for Advanced battery manufacturing <ul style="list-style-type: none"> <li>Government policies to support the manufacturing of batteries (ACC-PLI, Niche PLI, Stationary storage PLI etc.)</li> <li>Key challenges and bottleneck</li> <li>Global Partnerships in Manufacturing</li> </ul>
<b>11:15 –11.30</b>	<b>Networking Tea and Expo Visit</b>	
11:30 – 12.30	Panel discussion	<b>Battery Cell Manufacturing, Upcoming Giga Factories and Other Advanced Battery Manufacturing</b> <ul style="list-style-type: none"> <li>Lithium Cell Manufacturing landscape in India and key challenges</li> <li>Upcoming Giga factories in India</li> <li>Other Advanced Battery tech (VRB, Sodium Ion and Solid State Batteries) manufacturing in India</li> </ul>
12:30 – 13:00	Panel discussion	<b>Manufacturing components &amp; equipment and developing the Manufacturing Process</b> <ul style="list-style-type: none"> <li>Battery manufacturing quality assessment and failure analysis solutions</li> <li>Coating requirement in the manufacturing process</li> <li>Battery Manufacturing equipment</li> </ul>
<b>13:00 – 14:00</b>	<b>Networking Lunch and Expo Visit</b>	
14.00- 15.00	Panel discussion	<b>Battery Component Manufacturing (Cathode, Anode, Electrolyte, Separators, adhesive, Binders, and Non-active materials)</b> <ul style="list-style-type: none"> <li>Why India Should focus on Graphite.</li> <li>Upcoming Anode and cathode manufacturing</li> <li>Electrolyte, Separator, Adhesive, Binders</li> <li>Opportunities for battery-grade Copper and aluminum foil development in India</li> </ul>
15.00- 16.00	Panel Discussion	<b>Battery Raw materials Availability in India – Lithium, Manganese, Copper, Nickel, Aluminum</b> <ul style="list-style-type: none"> <li>Global Partnerships for Battery Raw materials</li> <li>Raw materials constants</li> <li>Opportunities in Mining, Refining and Processing</li> </ul>
<b>16:00 – 16:30</b>	<b>Networking Tea and Expo Visit</b>	
16:30 – 17:30	Plenary Session	<b>Battery Recycling (Key government policies to drive the Indian market, BWMR and EPR guidelines for Recycling, refurbishment and second life)</b> <ul style="list-style-type: none"> <li>Global Recycling Market Overview, Key challenges and opportunities</li> <li>Standards and testing before second use.</li> <li>Import-export scenarios of battery waste and black mass.</li> <li>Way ahead and market potential</li> <li>Battery waste collections, Black mass production</li> <li>Recycling technologies to get metal salts</li> </ul>
17:30 – 17:45	Special Session	Second-life batteries – Key challenges and opportunities for Low power applications
17:45 –18:00	<b>Day Summary and Vote of Thanks</b>	

# India Stationary Energy Storage Day (26<sup>th</sup> June 2025)

Time (HRs IST)	Session	Topic
<b>09:00 – 10:00</b> <span style="float: right;"><b>Registration</b></span>		
10:00 - 11:15	Inauguration Session	<b>Energy Storage for 500 GW renewable, grid Modernization and decarbonization of C&amp;I Sector</b> <ul style="list-style-type: none"> <li>• Key central &amp; state government policies</li> <li>• Industry adoptions</li> <li>• Modernization of the electricity grid</li> <li>• BESS systems for Indian Grid</li> <li>• Other form of Energy storage beyond batteries</li> </ul>
<b>11:15 – 11.30</b> <span style="float: right;"><b>Networking Tea and Expo Visit</b></span>		
11:30 – 12.30	Panel discussion	<b>Energy Storage Tender and Projects in India</b> <ul style="list-style-type: none"> <li>• Key Learnings from developed BESS projects in India</li> <li>• Upcoming Tenders and projects</li> <li>• Understanding the key bottlenecks in Project development</li> </ul>
12:30 – 13:00	Tech Session	BESS System, Design and Development
<b>13:00 – 14:00</b> <span style="float: right;"><b>Networking Lunch and Expo Visit</b></span>		
14:00 – 15.00	Panel discussion	<b>Energy storage for decarbonization of the Commercial &amp; Industrial Sector, Telecom, Data Centre and Railway</b> <ul style="list-style-type: none"> <li>• Energy Storage for decarbonization of the C&amp;I sector</li> <li>• BESS for Telecom and data center</li> <li>• Learning from the current installation</li> <li>• Key Challenges in project development</li> <li>• Capex vs. Opex of such projects</li> </ul>
15.00-16.00	Panel discussion	<b>Long Duration Energy Storage Technologies for India</b> <ul style="list-style-type: none"> <li>• Key LDES Technologies and it's future</li> <li>• Understanding the key changes in the growth of LDES deployment in India</li> <li>• Need for government framework.</li> <li>• Setting up the target for LDES deployment for India</li> </ul>
<b>16:00 – 16:30</b> <span style="float: right;"><b>Networking Tea and Expo Visit</b></span>		
16:30 – 16:45	Special Session	Learning from Global BESS Projects
16:45 – 17:45	Plenary Session	<b>Addressing the Challenges in rapid Energy Storage deployment in India</b> <ul style="list-style-type: none"> <li>• VGF scheme for 4000 MWh Energy Storage Projects</li> <li>• Energy Storage for Peak shifting, RE-RTC, FDRE</li> <li>• Key financing challenges</li> <li>• Need for skilled workforce.</li> <li>• Central govt. policy framework &amp; state level support</li> </ul>
17:45 – 18:00	<b>Day Summary and Vote of Thanks</b>	

# India Green Hydrogen Day (27<sup>th</sup> June 2024)

Time (Hrs. IST)	Session	Topic
<b>09:00 –10:00 Registration</b>		
10:00 –11:15	Inauguration Session	<b>India's Roadmap on Green Hydrogen R&amp;D, Manufacturing &amp; Deployment</b> <ul style="list-style-type: none"> <li>Defining Green Hydrogen</li> <li>Role of R&amp;D, Innovation</li> <li>Key challenges in deployment</li> <li>Global Collaboration</li> </ul>
<b>11:15 –11:30 Networking Tea and Expo Visit</b>		
11:30 –12:30	Tech Session	Electrolyzer Manufacturing Opportunities in India <ul style="list-style-type: none"> <li>Opportunities for Electrolysis BoP Manufacturing</li> <li>Updates on the Electrolyser PLI</li> <li>Components and supply chain</li> <li>Technology updates</li> </ul>
12:30 –12:45	Tech Session	Hydrogen Valleys in India- Cluster Approach to drive Hydrogen, R&D, Manufacturing Pilot
12:45 - 13:00	Market Session	Global Hydrogen Outlook
<b>13:00 – 14:00 Networking Lunch and Expo Visit</b>		
14:00 –14:15	Tech Session	Scheme Guidelines for the implementation of the R&D Scheme under the National Green Hydrogen Mission
14:15 –14:30	Market session	Biomass-green hydrogen production
14:30 –14:45	Tech Session	Green Hydrogen storage and transportation
14:45 –15:00	Tech Session	Large-scale hydrogen Infrastructure
15:00 –15:15	Financing Session	Investments and Financing of Hydrogen Projects
15:15 –15:30	Tech Session	Hydrogen RCS (Regulations, Codes & Standards) and Safety
15:30 –15:45	Special Session	Skilled Workforce requirement in Green Hydrogen Ecosystem
15:45 –16:00	Special Session	Country Session – Green Hydrogen
<b>16:00 – 16:30 Networking Tea and Expo Visit</b>		
16:30 –17:30	Plenary Session	<b>Key application areas for green hydrogen in the Industrial and Mobility sector</b> <ul style="list-style-type: none"> <li>Refining</li> <li>Specialty Chemicals</li> <li>Fertilizers</li> <li>Steel Sector</li> <li>Mobility</li> </ul>
17:30 –17:45	Special Session	Opportunities in Global Clean Hydrogen Projects
17:45 –18:00	<b>Day Summary and Vote of Thanks</b>	

# Women in Energy Forum

25<sup>th</sup> June 2025

Time	Session
04:30 pm - 06:00 pm (Roundtable Room, Exhibition Centre)	<p><b>Roundtable Discussion:</b></p> <p><b>Sustaining Women Participation in the Workforce</b></p> <ol style="list-style-type: none"> <li>1. Recognizing barriers to women's sustained participation.</li> <li>2. Creating inclusive workplaces to retain and advance women professionals.</li> </ol> <p><b>Policy Measures for Ensuring Safety of Women Professionals at Work:</b></p> <ol style="list-style-type: none"> <li>1. Evaluating current policies' efficacy in safeguarding women.</li> <li>2. Proposing stronger policies and enforcement to combat harassment and ensure safety.</li> </ol> <p><b>Skill Development:</b></p> <ol style="list-style-type: none"> <li>1. Identifying skill gaps hindering women's career growth.</li> <li>2. Implementing accessible skill development programs to empower women.</li> </ol> <p><b>Improving Work-Life Balance and Men's Support:</b></p> <ol style="list-style-type: none"> <li>1. Discussing the impact of work-life balance on women's careers.</li> <li>2. Engaging men in promoting gender equality and supporting work-life balance initiatives.</li> </ol> <p><b>Mentorship and Support Networks Within Your Organization</b></p>
06:00 pm - 06:30 pm	Tea Break
06:30 pm - 07:30 pm	<p><b>Leadership Talk</b></p> <p><b>Sharing Success Stories of Role Models in the Energy Sector</b></p> <p>Journey of the Leaders: Challenges Faced and Lessons Learned in the Energy Sector          Empowering Future Generations: Inspiring Young Women to Enter the Energy Sector</p>
07:30 pm - 08:00 pm	<b>WE Felicitations Ceremony</b>
08:00 pm onwards	<b>Networking Reception</b>

❖ Women in Energy Forum is open to all registered Women Participants