

# INDIA ENERGY STORAGE WEEK 2025

Battery Manufacturing Supply Chain • Energy Storage • eMobility • Clean Hydrogen

IICC, Yashobhoomi, New Delhi | July 8<sup>th</sup> to 10<sup>th</sup>, 2025



Time	Conference: Battery Manufacturing and Supply Chain (8 July 2025)		
9:00: 10:00	Registration		Speakers
Main Conference Hall 1			
10:00 - 11:00	Inauguration	India's Roadmap for ACC Manufacturing Key central and state policies. Challenges and Bottlenecks. Global partnerships in raw materials and supply chain.	<ul style="list-style-type: none"><li>• <b>Shri H.D.Kumaraswamy</b>, Hon’ble Minister, Ministry of Heavy Industries (MHI)*</li><li>• <b>Smt. Rekha Gupta</b>, Hon’ble Chief Minister, Government of National Capital Territory of Delhi*</li><li>• <b>Shri Satish Chandra Dubey</b>, Hon’ble Minister of State for Coal and Mines</li><li>• <b>Shri Shripad Yesso Naik</b>, Hon'ble Minister of State, Ministry of New and Renewable Energy (MNRE)*</li><li>• <b>Shri Jitin Prasada</b>, Hon’ble Minister of State, Ministry of Commerce &amp; Industry*</li><li>• <b>HE Mr Philip Green OAM</b>, Australia’s High Commissioner to India</li><li>• <b>Manish Sharma</b>, Chairman, Panasonic</li><li>• <b>Rajat Verma</b>, Founder &amp; CEO, Lohum</li><li>• <b>Vijayanand Samudrala</b>, President, Amara Raja*</li><li>• <b>Stephen Fernands</b>, Founder &amp; President, Customized Energy Solutions</li></ul>
11:00 - 11:05	Report	Release of IESA Market Reports	
11:05 - 11:30	Networking Tea and Expo Visit		
11:30- 11:40	Vision	Global Landscape of Battery Manufacturing and Supply Chain	<ul style="list-style-type: none"><li>• <b>Vinayak Walimbe</b>, Managing Director, CES India</li></ul>
11: 40 -12:40	Panel: Markets	Gigafactories: Opportunities and Challenges Where does India stand? Recent trade restrictions and opportunities for partnerships. Technology licensing and partnerships.	<ul style="list-style-type: none"><li>• <b>Session Chair: Shri. Vijay Mittal</b>, Joint Secretary, Ministry of Heavy Industries</li><li>• <b>Moderator: Avishek Kumar</b>, Co-Founder and CEO at VFlowTech*</li><li>• <b>Niranjan C.</b>, Chief Operating Officer, Amara Raja Batteries Ltd.*</li><li>• <b>Anant Misra</b>, Vice President – Lithium Business, Livguard Energy*</li><li>• <b>Sriram Ramakrishnan</b>, President-Battery and Energy Systems, Reliance New Energy*</li><li>• <b>Naresh Lalwani</b> - Executive Vice President, JSW Energy Ltd*</li></ul>

			<ul style="list-style-type: none"> <li><b>Anil Kumar</b>, Chief Operating Officer, Nash Energy*</li> </ul>
12:40 - 13:10	Tech Session	Safety & Risk Assessments in Gigafactories	<ul style="list-style-type: none"> <li><b>Ritu Singh</b>, Strategy Lead, TUV SUD</li> <li><b>Neeraj Kumar Singhal</b>, Founder &amp; Director, Semco Infratech</li> </ul>
13:10 –14:10	Networking Lunch and Expo Visit		
14:10 - 15:10	Panel: Tech	<b>Battery Component Manufacturing &amp; Manufacturing Process</b> Upcoming anode and cathode manufacturing. Electrolyte, Separator, Adhesive, Binders. Automation in manufacturing.	<ul style="list-style-type: none"> <li><b>Moderator: Kunal Daga</b>, Founder &amp; Director, Molsynth*</li> <li><b>Sunit Kapur</b>, Chief Executive Officer, Epsilon Advanced Materials*</li> <li><b>Dr. Daniel Biro</b>, Head of Department Electrical Energy Storage, Fraunhofer</li> <li><b>Harin Kanani</b>, Managing Director, Neogen Chemical*</li> <li><b>M B Gadgil</b>, Business Head, Himadri Speciality Chemicals*</li> <li><b>Rohit Pathak</b>, CEO, Hindalco*</li> <li><b>Dr. Vijay Chaudhry</b>, CEO, Bry Air*</li> </ul>
15:00 - 15:20	State Session	Odisha, Chattisgarh	
15:20 - 16:20	Panel: Business	<b>Critical Minerals and Supply Chain Security</b> Diversifying Raw Material Sources. Investing in New Technologies. Promoting Circular Economy Practices. Enhancing Logistics and Supply Chain Management	<ul style="list-style-type: none"> <li><b>Peter Bouzalas</b>, Sr. Manager Corporate Development, Lilac Solutions</li> <li><b>Dr. Mandira Majumder</b>, Deputy Manager, PCBL Chemical Limited</li> <li><b>Debashish Nanda</b>, Director- Business Development, Coal India Ltd*</li> <li><b>Kirti Varma</b>, Co-Founder &amp; COO, ALTMIN*</li> <li><b>Dr. Sukanya Chakraborty</b>, CTO, KABIL*</li> </ul>
16:20 – 16:30	Networking Tea		
16:30 – 17:30	Panel: Future	<b>Urban Mining as a Business: Unlocking Profitability, Finance &amp; Global Trade in battery circularity</b> Improving recycling and re-use economics: profitability, financing, EPR floor prices and trade in battery scrap  <b>PwC Report Launch</b>	<ul style="list-style-type: none"> <li><b>Chair: Ved Prakash Mishra</b>, Hon’ble Joint Secretary, Ministry of Environment, Forest and Climate Change (MoEFCC)*</li> <li><b>V P Yadav</b>, Director, Central Pollution Control Board*</li> <li><b>Balki Iyer</b>, Founder &amp; Chairman, Bridge Green Upcycle</li> <li><b>Rajesh Goyal</b>, Founding Member, Polyprotic</li> <li><b>Rajesh Gupta</b>, Founder &amp; MD, Recycle Karo</li> <li><b>Pratyush Sinha</b>, VP- Special Projects, Lohum*</li> <li><b>Pawandeep Singh Bawa</b>, VP-Sourcing, Attero Recycling*</li> <li><b>Gaurav Dolwani</b>, CEO, Lico Materials*</li> </ul>
18:30 - 19:30	Awards & Dinner (Main Conference Hall 1)		
15:00 - 16:30	CXO Roundtable ( Rountable Room)		
17:00 – 18:30	Fraunhofer Roundtable ( Rountable Room)		

Time	Conference: Energy Storage and Green Hydrogen (9 July 2025)		
9:00: 10:00	Registration		Speakers
Main Conference Hall 1			
10:00 - 11:00	Inauguration	Energy Storage and Clean Hydrogen: Enabling India's Comittment to Net Zero Honorable Prime Minister's vision as laid out at COP26. Energy storage and clean hydrogen are key enabling technologies.	<ul style="list-style-type: none"><li>• <b>Shri Santosh Kumar Sarangi</b>, Hon’ble Secretary, Ministry of New and Renewable Energy (MNRE)*</li><li>• <b>Shri Jishnu Barua</b>, Hon’ble Chairperson, Central Electricity Regulatory Commission (CERC)</li><li>• <b>Shri. Ghanshyam Prasad</b>, Chairperson, Central Electricity Authority (CEA)</li><li>• <b>Shri. JS Haider</b>, Addl Secretary, Govt of Gujarat*</li><li>• <b>Shri Manu Srivastava</b>, Hon’ble Addtl. Secretary, MP Renewable Energy Deptt</li><li>• <b>Sumant Sinha</b>, CEO, ReNew Power*</li><li>• <b>Gautam Reddy</b>, CEO, AM Green*</li><li>• <b>Rajat Seksaria</b>, CEO, Adani New Industries*</li><li>• <b>Akash Kaushik</b>, Co-Founder, Good Enough Energy</li><li>• <b>Government of New South Wales</b></li></ul>
11:00 -11:20	Networking Tea and Expo Visit		
11:20- 12:10	Panel: Storage Markets	Utility-scale Energy Storage Projects: Key Challenges: International experience. Major cost components. Evoving models beyond tenders.	<ul style="list-style-type: none"><li>• <b>Session Chair: Shri Srikant Nagulapalli</b>, Additional Secretary, Ministry of Power*</li><li>• <b>Satish Talmale</b>, CEO, Energrid*</li><li>• <b>Deepesh Nanda</b>, MD &amp; CEO, TATA Power Renewable Energy Limited*</li><li>• <b>Abhay Yagnik</b>, Sr V.P. and Head BD, JSW Energy Ltd*</li><li>• <b>Chandrakumar</b>, SVP, Reliance Industries*</li><li>• <b>Gaurav Aggarwal</b>, Co-Founder, Good Enough Energy</li><li>• <b>Tony Lenon</b>, Product Marketing, Mathworks</li></ul>
12:10- 12:20	Presentation	Opportunities for Indo-German Partnership IESA and BVES MoU Signing	<ul style="list-style-type: none"><li>• <b>Urban Windelen</b>, Executive Officer, BVES</li></ul>
12:20 -12:40	State Session	Presentation by Madhya Pradesh	<ul style="list-style-type: none"><li>• <b>TBA</b></li></ul>
12: 40 -13:40	Panel: Hydrogen Markets	Scaling up green hydrogen & its derivatives: How to address challenges facing first-mover project developers, policymakers, financing, & offtakers.	<ul style="list-style-type: none"><li>• <b>Chair: Abhay Bakre</b>, Mission Director, National Green Hydrogen Mission, Ministry of New and Renewable Energy (MNRE)*</li><li>• <b>Sanjiva De Silva</b>, Energy Counsellor, DCCEEW – Energy Policy</li><li>• <b>Arnava Sinha</b>, EVP and Head of Business Development - Green Hydrogen &amp; Ammonia, ACME Group*</li><li>• <b>Tim Latimer</b>, Head of Business Development &amp; Growth, Endua Energy</li><li>• <b>Vikram Kapur</b>, Group President, Renew Power*</li><li>• <b>Kishore Kumar Hota</b>, CEO, NTPC UP Green Energy*</li><li>• <b>IOCL</b>*</li></ul>

13:40 – 14:30	Networking Lunch and Expo Visit		
Time	Conference: Energy Storage ( Conference Hall 1)		
14:30 - 15:30	Presentation: Business	<b>Energy Storage Success Stories:</b> Insights from operational projects across the globe. Planning, Business model and operational challenges	<ul style="list-style-type: none"> <li>• <b>Vijay Menglani</b>, Chief Engineer &amp; Integrated Resource Planning, CEA*</li> <li>• <b>Abhishek Ranjan</b>, CEO, BRPL*</li> <li>• <b>Inder Bhambra</b>, Chief Business Officer, Envision Energy India</li> <li>• <b>Chris King</b>, Head of Business Development, Fluence</li> <li>• <b>Solar Power Europe</b></li> <li>• <b>Infineon Tech</b></li> </ul>
15:30 - 16:30	Presentation: Tech	<b>Energy Storage Beyond Lithium:</b> Storage technologies and their applications. Status of deployment.	<ul style="list-style-type: none"> <li>• <b>Energy Dome</b></li> <li>• <b>Sumitomo</b></li> <li>• <b>John Wood</b>, CEO, Gelion Technologies</li> </ul>
16:30 - 17:30	Panel: Future	<b>Role of Energy Storage in Energy Transition:</b> Applications for telecom, data center, railways and shipping. Evolving business models	<ul style="list-style-type: none"> <li>• <b>Rahul Kale</b>, Founder &amp; Director, Sunpower Renewables</li> <li>• <b>William Furness</b>, Head of Business Development, MGA Thermal</li> <li>• <b>Rishabh Jain</b>, Senior Program Lead, CEEW*</li> <li>• <b>Chandrasekhar Paladugu</b>, COO, GPower*</li> <li>• <b>Thyssenkrupp</b></li> </ul>
Time	Conference: Green Hydrogen ( Conference Hall 2)		
14:30 - 15:30	Panel: Business	<b>Manufacturing &amp; export opportunities in the clean hydrogen sector:</b> Opportunities and challenges in manufacturing hydrogen technologies and hydrogen derivatives for India and the global markets	<ul style="list-style-type: none"> <li>• <b>Abhilash Rajavanshi</b>, Program Director- GH2, Ministry of New and Renewable Energy (MNRE)*</li> <li>• <b>Shekhar Kashalikar</b>, CEO, John Cockerill Hydrogen Solutions*</li> <li>• <b>Dr. Siddharth Mayur</b>, Founder &amp; MD, H2e Power*</li> <li>• <b>Shaji John</b>, Sr. VP - Sales &amp; BD, Ohmium*</li> <li>• <b>Madhu S. Nair</b>, Chairman &amp; MD, Cochin Shipyard Ltd.*</li> <li>• <b>Anil Kumar Taparia</b>, COO (Hydrogen &amp; Ammonia), ACME*</li> <li>• <b>O2 Power</b></li> </ul>
15:30 - 16:30	Presentation: Tech	<b>Foundation for the long term: R&amp;D and Pilots:</b> India's R&D capabilities in institutions and industry and pilot projects pave the path to innovative scalable solutions in the long term.	<ul style="list-style-type: none"> <li>• <b>Session Chair: Dr. Ranjith Krishna Pai</b>, Scientist F, Senior Director, CEST division, DST*</li> <li>• <b>Aniruddha Kulkarni</b>, Managing Director, Cavendish Renewables</li> <li>• <b>Prof. Aravind Kumar Chandiran</b>, Associate Professor, IIT Madras &amp; Tamil Nadu GH2 Innovation Hub*</li> <li>• <b>Nilesh Deshpande</b>, Technical Director, Cummins India*</li> <li>• <b>D. M. R. Panda</b>, General Manager- Hydrogen/Renewables, NTPC*</li> </ul>

			<ul style="list-style-type: none"> <li>• <b>John Grimes</b>, CEO, Smart Energy Council</li> </ul>
16:30 - 17:30	Panel: Future	<b>Critical enablers: Infrastructure &amp; skill development:</b> Testing infrastructure, port infrastructure, common infrastructure for GH2 production, skill gaps and skill development initiatives	<ul style="list-style-type: none"> <li>• <b>Arpit Sharma</b>, CEO, Skill Council for Green Jobs*</li> <li>• <b>GERMI</b>*</li> <li>• <b>Dr. R. Venugopal</b>, Ex-Joint Chief Controller of Explosives, PESO*</li> <li>• <b>Sri P. L. Haranadh</b>, IRTS, Chairman, Paradip Port, Odisha*</li> <li>• <b>Gopalpur Port Authority</b>*</li> <li>• <b>Shri Sushil Kumar Singh</b>, IRSME, Chairman, Deendayal Port Authority, Gujarat*</li> </ul>
17:00 – 17:30	Networking Tea and Expo Visit		
17:30 - 19:00	Hydrogen Roundtable + Dinner ( Conference Hall 2)		
17:30 - 19:00	LDES Roundtable + Dinner( Roundtable Room)		

Time	Conference: E-Mobility (10 July 2025)		
9:00: 10:00	Registration		Speakers
Main Conference Hall 1			
10:00 - 10:50	Inauguration	India’s Roadmap for Vehicle Electrification Key Central and State government policies. Current Status of EV manufacturing and future potential. Ways to increase EV adoption. Export opportunities.	<ul style="list-style-type: none"><li>• <b>Shri B V R Subrahmanyam</b>, Hon’ble Chief Executive Officer, Niti Aayog*</li><li>• <b>Dr. TRB Raja</b>, Hon’ble Minister for Industries, Government of Tamilnadu*</li><li>• <b>Dr. Hanif Qureshi</b>, Hon’ble Additional Secretary, Ministry of Heavy Industries</li><li>• <b>Shri VC Gopal Krishnan</b>, Hon’ble Director e-mobility, Telangana govt*</li><li>• <b>Shri Sunil Barthwal CS</b>, Commerce Secretary, Minister of State for Commerce &amp; IndustryMinistry of Commerce and Industries*</li><li>• <b>Shailesh Chandra</b>, Managing Director, Tata Motors*</li><li>• <b>Nishant Arya</b>, Vice Chairman, JBM Group*</li><li>• <b>Vikram Gulati</b>, Country Head &amp; Executive VP, Toyota*</li><li>• <b>Government of Victoria</b></li></ul>
10:50 - 11:20	Networking Tea and Expo Visit		
11:20- 11:45	Vision	Changing Landscape of Mobility (Report Launch)	<ul style="list-style-type: none"><li>• <b>Shri Rajendra Holkar</b>, Joint Secretary, Government of Maharashtra*</li><li>• <b>Mayur Karmarkar</b>, Managing Director, International Copper Association India</li><li>• <b>Gurusharan Dhillon</b>, Director e-mobility, IESA</li></ul>
11: 45 - 12:45	Panel: Markets	Growth Story of India’s Electric Vehicles Journey of the Indian Electric 2W, 3W, Cars and buses. Hydbrids. Global EV makers entry to India.	<ul style="list-style-type: none"><li>• <b>Dr. Preeti Banzal</b>, Adviser/ Scientist 'G', Principal Scientific Advisor*</li><li>• <b>Tarun Mehta</b>, CEO, Ather Energy*</li><li>• <b>Shailesh Chandra</b>, MD, Tata Motors*</li><li>• <b>Vikram Gulati</b>, Country Head &amp; EVP, Toyota*</li><li>• <b>Suman Mishra</b>, CEO, Mahindra*</li><li>• <b>Mahesh Babu</b>, CEO, Switch Mobility*</li></ul>
12:45 - 13:00	State Session		<ul style="list-style-type: none"><li>• <b>Tamil Nadu</b></li></ul>
13:00 –14:00	Networking Lunch and Expo Visit		
14:00 - 15:00	Panel: Tech	EV Powertrain and Components Manufacturing Indigenous Powertrain development & manufacturing. Advanced Materials for	<ul style="list-style-type: none"><li>• <b>Dr Ajit Kumar Jindal</b>, Advisor, TACO*</li><li>• <b>Bhawani Shankar</b>, Vice President, Lucas TVS*</li></ul>

		<b>EV Powertrain. Battery packs development. Active BMS.</b>	<ul style="list-style-type: none"> <li>• <b>Arjun Jain</b>, CEO, Varroc*</li> <li>• <b>Ekta Kabra</b>, Managing Director, Geon*</li> <li>• <b>Milind Mhaikar</b>, Managing Director, Mahle Electric*</li> <li>• <b>Vivek Jindal</b>, CEO, Uno Minda*</li> </ul>
<b>15:00 - 15:45</b>	<b>Panel: Business</b>	<b>Trends in EV Business</b> Charge point operators. Expanding charging infrastructure. Battery technology trends. Market adoption. Focus on user experience.	<ul style="list-style-type: none"> <li>• <b>Moderator: Akshay Parihar</b>, Associate Director, Deloitte</li> <li>• <b>Sandeep Gambhir</b>, CEO, Vertelo</li> <li>• <b>Haresh Bhere</b>, CTO, Jio BP*</li> <li>• <b>MV Niranjana</b>, Head of Marketing, Amara Raja*</li> <li>• <b>Kanwaljeet Kukreja</b>, Vice President-Innovation, Schneider Electric*</li> <li>• <b>Shymasis Das</b>, Fellow- Electric Mobility &amp; Energy Transition, CSEP*</li> <li>• <b>Vipul Bajpai</b>, VP Business Development, Vacmocon</li> <li>• <b>Anuj Kumar</b>, Group Head-O&amp;M (E Bus Charging Infrastructure), Tata Power</li> <li>• <b>Anshuman Divyanshu</b>, CEO-EV, Exicom*</li> </ul>
<b>15:45 - 16:30</b>	<b>Panel: Future</b>	<b>Innovation and Future of Mobility</b> Battery technologies. Fast Charging. Software and analytics. Artificial intelligence	<ul style="list-style-type: none"> <li>• <b>Kapil Baidya</b>, General Manager and Head- Battery Technology, Tata Motors*</li> <li>• <b>Jagadish Mandava</b>, CTO Amara Raja*</li> <li>• <b>Dr Gayatri Dadeech</b>, CTO, Exide*</li> <li>• <b>Dr Allabaksh Naikodi</b>, Head-Advance Technology, Mahindra Electric Mobility*</li> <li>• <b>Anant Nahata</b>, CEO, Exicom Group*</li> <li>• <b>Dr Manohar Chinnareddy</b>, Head of R&amp;D, Agratas*</li> <li>• <b>Ankur Bhatia</b>, Head of Business, Statiq*</li> </ul>
<b>16:30 – 17:00</b>	<b>Networking Tea and Expo Visit</b>		
<b>11:30- 13:00</b>	<b>Skill Development Workshop: Renewables plus Storage for C&amp;I Consumers (Conference Hall 2)</b>		
<b>14:00 –16:30</b>	<b>Women in Energy Forum (Conference Hall 2)</b>		
<b>17:00 - 18:00</b>	<b>Women in Energy Felicitation (Conference Hall 1)</b>		

## Special Session: CXO Roundtable

Time	Round Table Room
15:00 – 15:30	Arrival and Networking Tea
15:30 – 16:45	<b>Exploring EV Use Cases and Upstream Innovations</b>  Key discussion questions: <ul style="list-style-type: none"><li>• How do we perceive the versatility of EVs across various industries, environments and functions (e.g. transportation, construction, agriculture etc.)</li><li>• How are we addressing upstream challenges such as raw material sourcing, battery production and supply chain sustainability? What is the impact of global geo-political dynamics on raw material availability?</li><li>• Standards play a major role in EVSE ecosystem. How to get global harmonization of safety standards</li><li>• What can be the frameworks for incentivizing EV adoption across diverse use cases?</li></ul>
16:45 – 17:15	Tea Break
17:15 – 18:30	<b>Resilient and sustainable Supply Chains: Navigating Disruptions in Mining and Manufacturing</b>  Key discussion questions: <ul style="list-style-type: none"><li>• Are we walking the path towards making India self-sufficient by promoting localization and decentralization?</li><li>• How to encourage product life-cycle focused ceaseless innovation in manufacturing sector?</li><li>• Safety has been a concern all through supply chain. How can we build a risk averse safe supply chain?</li><li>• How are the benefits of mining and manufacturing sector related to creation of energy security and green jobs?</li></ul>



# Special Session: Women in Energy

Women in Energy Forum	
10th July 2025    14:00 to 17:45 IST	
Time	Topic
14:00 - 14:15	Forum Inauguration & Welcome Remarks
14:15 - 15:00	<p><b>Women Leading Innovation and Change in the Energy Sector</b></p> <p><i>Key Discussion Points</i></p> <ul style="list-style-type: none"><li>• The Business Case for Gender Diversity in Energy Leadership</li><li>• Policies and Actions for Advancing Women in Energy</li><li>• Diversity-Driven Innovation: How Women Are Leading the Charge in Energy Solutions</li><li>• Overcoming Structural Challenges by Combating Unconscious Bias and Creating Pathways to Leadership</li></ul>
15:00 - 15:30	<p><b>Success Stories</b></p> <ul style="list-style-type: none"><li>• Leadership Journey/Projects/Company Showcase</li></ul>
15:30 - 16:30	<p><b>Empowering Women in Energy Startups and Emerging Technologies</b></p> <p><i>Key Discussion Points</i></p> <ul style="list-style-type: none"><li>• Circular Economy and Women Entrepreneurs in the Energy Sector</li><li>• Navigating Challenges and Opportunities for Women Entrepreneurs in Clean Energy</li><li>• Addressing the Gender Gap in Technical Roles</li><li>• Mentorship Strategies for Advancing Mid-Career Women in the Power Sector</li><li>• Collaborative Models for Scaling Women-Led Clean Energy Ventures</li></ul>
16:30 - 17:00	Networking & High-Tea
17:00 - 17:45	<p><b>Felicitation Ceremony: Honouring Women Leaders in Energy Sector</b></p> <ul style="list-style-type: none"><li>• Special Remarks by Award Presenter</li><li>• Presentation of Awards</li><li>• Concluding Remarks</li></ul>

# TECH TOUR





**11<sup>TH</sup> JULY 2025**

**Venue: “BSES Rajdhani at Kilokri, South Delhi”**



## India's First. South Asia's Largest!

India's first commercially approved & South Asia's Largest Utility Scale Standalone BESS at the Distribution-End.

Duration	Time
120 mins	10:00- 12:00 IST
	<p>India has launched its first commercial standalone BESS at the distribution level to receive capacity tariff approval—a 20 MW / 40 MWh system at BRPL's Kilokari substation in Delhi. It will support 24x7 reliable power for over 12,000 low-income consumers.</p> <div>    </div>

