

INDIA ENERGY STORAGE WEEK 2025

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

IICC, Yashobhoomi, New Delhi | July 8th to 10th, 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">• Shri. Manohar Lal Khattar, Hon’ble Minister, Ministry of Power and MoHUA*• Shri H.D.Kumaraswamy, Hon’ble Minister, Ministry of Heavy Industries*• Shri Satish Chandra Dubey, Hon’ble Minister of State for Coal and Mines• Shri Shripad Yesso Naik, Hon'ble Minister of State, Ministry of New and Renewable Energy• HE Mr Philip Green OAM, Australia’s High Commissioner to India• Manish Sharma, Chairman, Panasonic• Rajat Verma, Founder & CEO, Lohum• Stephen Fernands, Founder & President, Customized Energy Solutions
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">• Vinayak Walimbe, Managing Director, CES India
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">• Session Chair: Shri. Vijay Mittal, Joint Secretary, Ministry of Heavy Industries• Moderator: Avishek Kumar, Co-Founder and CEO at VFlowTech*• Dr Karthick Balasubramanian, Sr Product Manager, Thermo Fisher Scientific• Naresh Lalwani - Executive Vice President, JSW Energy Ltd• Anant Misra, Vice President – Lithium Business, Livguard Energy*• Vishal Chaturvedi, Business Head, Ola Electric*
12:40 - 12:55	Tech Presentation	Sodium Ion Battery Technology	<ul style="list-style-type: none">• Rishabh Jain, Senior Program Lead, CEEW
12:55 –14:10	Networking Lunch and Expo Visit		

14:10 - 15:10	Panel: Tech	Battery Component Manufacturing & Manufacturing Process Upcoming anode and cathode manufacturing. Electrolyte, Separator, Adhesive, Binders. Automation in manufacturing.	<ul style="list-style-type: none"> • Moderator: Kunal Daga, Founder & Director, Molsynth • Harin Kanani, Managing Director, Neogen Chemical • Dr. Daniel Biro, Head of Department Electrical Energy Storage, Fraunhofer • Dr. Vijay Chaudhry, CEO, Bry Air • Tanushree Bhattacharya, Business Head- Clean Energy, Thermo Fisher Scientific • Neeraj Kumar Singhal, Founder & Director, Semco Infratech
15:00 - 15:10	State Session	Odisha	<ul style="list-style-type: none"> • Government Representative
15:10 - 15:20	State Session	Chattisgarh	<ul style="list-style-type: none"> • Government Representative
15:20 - 16:20	Panel: Business	Critical Minerals and Supply Chain Security Diversifying Raw Material Sources. Investing in New Technologies. Promoting Circular Economy Practices. Enhancing Logistics and Supply Chain Management	<ul style="list-style-type: none"> • Moderator: Dr. Mandira Majumder, Lead-Technical Services and Business Development (Energy Systems), PCBL Chemical Limited • John Wood, CEO, Gelion Technologies • Sanjiva De Silva, Energy Counsellor, DCCEEW – Energy Policy • Kiriti Varma, Co-Founder & COO, ALTMIN • Dr. Sukanya Chakraborty, CTO, KABIL • David Gelin, CFO, Lilac Solutions
16:20 – 16:30	Networking Tea		
16:30 – 17:30	Panel: Future	Urban Mining as a Business: Unlocking Profitability, Finance & Global Trade in battery circularity Improving recycling and re-use economics: profitability, financing, EPR floor prices and trade in battery scrap PwC Report Launch	<ul style="list-style-type: none"> • Chair: Neelesh Kumar Sah, Joint Secretary, Ministry of Environment, Forest and Climate Change* • Moderator: Pratyush Sinha, VP- Special Projects, Lohum • Bartosz Przywara, Counsellor for Energy, Climate & Environment, European Union Delegation to India • Balki Iyer, Founder & Chairman, Bridge Green Upcycle • Utkarsh Singh, Co-founder and CEO, Batx Energies • Rajesh Goyal, Founding Member, Polyprotic • Rajesh Gupta, Founder & MD, Recycle Karo
16:30 - 18:30	CXO Roundtable (Rountable Room)		
18:30 - 19:30	Awards & Dinner (Main Conference Hall 1)		

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">• Shri Pankaj Agarwal, I.A.S, Secretary, Ministry of Power• Shri. Ghanshyam Prasad, Chairperson, Central Electricity Authority• Shri Jishnu Barua, Chairperson, Central Electricity Regulatory Commission• Shri Manu Srivastava, Hon’ble Addtl. Secretary, MP Renewable Energy Deptt• Malini Dutt, Trade and Investment Commissioner – India, NSW Government• Gautam Reddy, CEO, AM Green• Vikram Kapur, Group President, Renew Power*• Rajat Seksaria, CEO, Adani New Industries• Akash Kaushik, Co-Founder, Good Enough Energy
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">• Moderator: Debmalya Sen, President, IESA• Inder Bhambra, Chief Business Officer, Envision Energy India• Satish Talmale, CEO, Energrid• Deepesh Nanda, MD & CEO, TATA Power Renewable Energy Limited• Gaurav Aggarwal, Co-Founder, Good Enough Energy• Shatanshu Agrawal, VP, Greenko Energy
12:10- 12:20	Presentation	Opportunities for Indo-German Partnership IESA and BVES MoU Signing	<ul style="list-style-type: none">• Urban Windelen, Executive Officer, BVES
12:20 -12:40	State Session	Presentation by Madhya Pradesh	<ul style="list-style-type: none">• Shri Manu Srivastava, Hon’ble Addtl. Secretary, MP Renewable Energy Deptt
12:40 -13:30	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">• Moderator: Surbhi Goyal, Senior Energy Specialist, World Bank• Deepak Zade, Vice President, Industry Service- GES & ET, TÜV SÜD South Asia• Vikram Gill, Strategic Procurement Head, Endua Energy• Sudhir Pathak, Head- Central Design & Engg (CDE) II QA II Green Hydrogen, Hero Future Energies
13:30 –14:30	Networking Lunch and Expo Visit		
Time	Conference: Energy Storage (Conference Hall 1)		
14:30 - 15:30	Presentation: Success Stories	Energy Storage Success Stories: Insights from operational projects across the globe. Planning, Business model and operational challenges	<ul style="list-style-type: none">• Moderator: Anish Mandal, Partner, Deloitte• Vijay Menglani, Chief Engineer & Integrated Resource Planning, Central Electricity Authority• Abhishek Ranjan, CEO, BRPL• Chris King, Head of Business Development, Fluence• Benjamin Clarke, Global Markets Manager, Solar Power Europe• Tony Lennon, Product Marketing, MathWorks

15:30 - 16:20	Presentation: Tech	Energy Storage Beyond Lithium: Storage technologies and their applications. Status of deployment.	<ul style="list-style-type: none"> • Gunjan Kapadia, Co-founder and CEO, Sthyr Energy • Saurav Mitra, Director, Sumitomo • William Tope, CEO, LiNa Energy • Paul Smith, SVP-Global Sales, Energy Dome
16:20 - 16:30	Presentation: Tech	Standards and Certifications for Energy Storage in India	<ul style="list-style-type: none"> • BIS
16:30 - 17:30	Panel: Future	Role of Energy Storage in Energy Transition: Applications for telecom, data center, railways and shipping. Evolving business models	<ul style="list-style-type: none"> • Moderator: Arjun Gupta, Manager, RMI • Rahul Kale, Founder & Director, Sunpower Renewables • William Furness, Head of Business Development, MGA Thermal • Werr Marco, Global Application Manager for Energy Storage Systems, Infineon Tech • Chandrasekhar Paladugu, COO, GPower • TKIL Industries
Time	Conference: Green Hydrogen (Conference Hall 2)		
14:30 - 15:25	Panel: Business	Manufacturing & export opportunities in the clean hydrogen sector: Opportunities and challenges in manufacturing hydrogen technologies and hydrogen derivatives for India and the global markets	<ul style="list-style-type: none"> • Shekhar Kashalikar, CEO, John Cockerill Hydrogen Solutions • Abhilash Rajavanshi, Program Director- GH2, Ministry of New and Renewable Energy • Shaji John, Sr. VP - Sales & BD, Ohmium* • Madhu S. Nair, Chairman & MD, Cochin Shipyard Ltd.* • Anil Kumar Taparia, COO (Hydrogen & Ammonia), ACME* • Dr. Charusmita, Director, Statcon Energiaa*
15:25 - 15:40	Presentation: Tech	Efficient electrolysis through comprehensive power conversion solutions	<ul style="list-style-type: none"> • Rajesh Nair, Senior Manager- Application Manager for Hydrogen and Photovoltaic, Infineon Tech
15:40 - 16:35	Presentation: Tech	Foundation for the long term: R&D and Pilots: 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"> • Moderator: Dr. Ajinkya Kamat, Associate Director - Innovation, IESA • Sharad Garg, Business Development & Proposal Manager, Thermo Fisher Scientific • Aniruddha Kulkarni, Managing Director, Cavendish Renewables • John Grimes, CEO, Smart Energy Council • Dr. Alok Sharma, Director - R&D, Indian Oil Corporation* • D. M. R. Panda, Executive Director - Hydrogen, NTPC*
16:35 - 17:30	Panel: Future	Critical enablers: Infrastructure & skill development: Testing infrastructure, port infrastructure, common infrastructure for GH2 production, skill gaps and skill development initiatives	<ul style="list-style-type: none"> • Arpit Sharma, CEO, Skill Council for Green Jobs* • Manan Pathak, Senior Manager, GERMI • Dr. R. Venugopal, Ex-Joint Chief Controller of Explosives, PESO* • Sri P. L. Haranadh, IRTS, Chairman, Paradip Port, Odisha* • Manikanta Naik, Managing Director, Tata Steel SEZ Gopalpur* • Shri Sushil Kumar Singh, IRSME, Chairman, Deendayal Port Authority, Gujarat*
17:30 - 18:00	Networking Tea and Expo Visit		

17:30 - 19:00	Hydrogen Roundtable + Dinner (Conference Hall 2) Chair: Bhupinder S. Bhalla , Former Secretary, Ministry of New and Renewable Energy*
18:00 - 19:30	LDES Roundtable + Dinner (Rountable 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">• Dr. Hanif Qureshi, Additional Secretary, Ministry of Heavy Industries• Shri. Sudhendu Jyoti Sinha, PD (Tpt-Infra/e- Mobility), Niti Aayog*• Shri Sunil Barthwal CS, Commerce Secretary, Minister of State for Commerce & Industry*• Shri VC Gopal Krishnan, Director Automotive and EV, Government of Telangana*• Government of Victoria• Bhavish Aggarwal, Co-Founder & CEO, Ola Electric*• Sulajja Firodia Motwani, Founder and CEO, Kinetic Green*• Anant Badjatya, CEO, IndoFast Energy*
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">• Mayur Karmarkar, Managing Director, International Copper Association India• Gurusharan Dhillon, Director e-mobility, IESA
11: 45 -12:45	Panel: Markets	Growth Story of India’s Electric Vehicles Journey of the Indian Electric 2W, 3W,4W Cars and buses. Hydbrids. Global EV makers entry to India.	<ul style="list-style-type: none">• Dr. Preeti Banzal, Adviser/ Scientist 'G', Principal Scientific Advisor• Ravneet Phokela, CBO, Ather Energy*• Prerna Awasthi, CBO, Zen Mobility*• Dr. Aanchal Jain, CEO, PMI Mobility*• Kartik Hajela, Director, Jupiter Electric Mobility• Dr. S J Dhinagar, SVP, Ola Electric*• Suman Mishra, CEO, Mahindra*
12:45 - 13:00	State Session	Presentation by Tamil Nadu	<ul style="list-style-type: none">• Government Representative
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 EV Powertrain. Battery packs development. Active BMS.	<ul style="list-style-type: none">• Dr Abhijeet Sen, Application Manager, Thermo Fisher Scientific• Yashodhan Gokhale, VP -Technology, JSW Energy• Samir Yajnik, CEO and Executive Director, Electra EV• Arnab Saha,SVP & Group Head, Managing Director, Geon• Dr Ajit Kumar Jindal, Advisor, TACO*• Bhawani Shankar, Vice President, Lucas TVS*

15:00 - 15:45	Panel: Business	Trends in EV Business Charge point operators. Expanding charging infrastructure. Battery technology trends. Market adoption. Focus on user experience.	<ul style="list-style-type: none"> • Moderator: Akshay Parihar, Associate Director, Deloitte • Sandeep Gambhir, CEO, Vertelo • Shyamasis Das, Fellow- Electric Mobility & Energy Transition, CSEP • Vipul Bajpai, VP Business Development, Vacmocon • Anshuman Divyanshu, CEO-EV, Exicom • Kanwaljeet Kukreja, Vice President- Innovation, Schneider Electric • MV Niranjana, Head of Marketing, Amara Raja*
15:45 - 16:30	Panel: Future	Innovation and Future of Mobility Battery technologies. Fast Charging. Software and analytics. Artificial intelligence	<ul style="list-style-type: none"> • Jagadish Mandava, CTO Amara Raja* • Dr Gayatri Dadeech, CTO, Exide* • Awadhesh Kumar Jha, Executive Director, GLIDA • Kishor Vitalkar, General Manager - Pack Engineering, Research & Development, Agratas • Bharat Sood, Head of BESS division, Jupiter Electric Mobility • Ankur Bhatia, Head of Business, Statiq* • Ramkrishna Singh, Head of Business Operations, Tata Power
16:30 – 17:00	Networking Tea and Expo Visit		
11:30- 13:00	Skill Development Workshop: Renewables plus Storage for C&I Consumers (Conference Hall 2)		
14:00 –16:30	Women in Energy Forum (Conference Hall 2)		
17:00 - 18:00	Women in Energy Felicitation (Conference Hall 1)		

Special Session: CXO Roundtable

CXOs are responsible to deliver exceptional performance, expected to intelligently leverage resources to drive revenue for business, and maintain a competitive edge for their business. This particularly becomes challenging for energy sector with emerging trends and technologies. With an aim to gather perspectives from various industry leaders, the CXO roundtable is organized to ultimately culminate in the formation of summary ideas, challenges, requirements, and solutions for the advancement of the energy industry.

Time	08th July 2025 16:30 to 18:30 IST (Round Table Room)
16:30 – 17:00	Arrival and Networking Tea
17:00 – 17:45	<p>Exploring Stationary Storage and EV Use Cases and Upstream Innovations</p> <p>Key discussion questions:</p> <p>Stationary Storage</p> <ul style="list-style-type: none">– Safety is a key challenge with multiple reports of BESS fire making headlines, India is still in early days on BESS development, how can we set things in place?– What is missing in the already enrolled standards and policies covering safety?– India has a requirement of 47 GW/ 236 GWh of BESS by 2030, how can we rise up to the occasion and cater to this demand? <p>E-Mobility</p> <ul style="list-style-type: none">– 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?– What can be the frameworks for incentivizing EV adoption across diverse use cases?– Safety concerns in EVs are different than in BESS; Are the same being managed well? <ul style="list-style-type: none">• Is skillset and awareness a challenge?
17:45 – 18:25	<p>Resilient and Sustainable Supply Chains: Navigating Disruptions in Mining and Manufacturing</p> <p>Key discussion questions:</p> <ul style="list-style-type: none">• Are we walking the path towards making India self-sufficient by promoting localization and decentralization?• Safety has been a concern all through the supply chain. How can we build a risk averse supply chain? How can we adopt global safety standards for battery circularity?• How are the benefits of mining and manufacturing sector related to creation of energy security and green jobs?
18:25- 18.30	Closing remarks and group picture followed by IESW 2025 Awards Night and Gala Dinner

Women in Energy Forum		
10th July 2025 14:00 to 17:45 IST		
Time	Topic	Speakers
14:00 - 14:15	Forum Inauguration & Welcome Remarks	<ul style="list-style-type: none"> Debmalya Sen, President, IESA
	Women Leading Innovation and Change in the Energy Sector <u>Key Discussion Points</u> <ul style="list-style-type: none"> The Business Case for Gender Diversity in Energy Leadership Policies and Actions for Advancing Women in Energy Diversity-Driven Innovation: How Women Are Leading the Charge in Energy Solutions Overcoming Structural Challenges by Combating Unconscious Bias and Creating Pathways to Leadership 	<ul style="list-style-type: none"> Moderator: Ruchi Kukreja, Assistant Vice President, Hindalco Industries Limited Dr. Tripta Thakur, Director General, National Power Training Institute (NPTI) Emily Megow, First Secretary (Development), Australian High Commission New Delhi Kanta Singh, Country Representative, UN Women, India Astha Chaturvedi, Business Development Head (Renewable Energy), BPCL
15:00 - 15:30	Success Stories	<ul style="list-style-type: none"> Renew Customized Energy Solutions
15:30 - 16:30	Empowering Women in Energy Startups and Emerging Technologies <u>Key Discussion Points</u> <ul style="list-style-type: none"> Circular Economy and Women Entrepreneurs in the Energy Sector Navigating Challenges and Opportunities for Women Entrepreneurs in Clean Energy Addressing the Gender Gap in Technical Roles Mentorship Strategies for Advancing Mid-Career Women in the Power Sector Collaborative Models for Scaling Women-Led Clean Energy Ventures 	<ul style="list-style-type: none"> Moderator: Tanushree Bhattacharya, CIO, Thermofisher* Renuka Thota, Electrification and Future Technologies Leader, Cummins India Kasturi Gomatham, Global Head of Product, E-mobility, Shell Mahi Singh, Co Founder, COO, Cancrie Archana Chauhan, Head - Energy Sector Reforms, Climate and Energy Team, British High Commission* Shubhra Thakur, Country Director- India, Long Duration Energy Storage Council
16:30 - 17:00	Networking & High-Tea	

17:00 - 17:45	Felicitation Ceremony: Honouring Women Leaders in Energy Sector	
	Leadership Journey	<ul style="list-style-type: none">• Dr. Monica Kennedy, Minister Commercial and Head – Austrade South Asia*
	Special Remarks by Guest of Honour	<ul style="list-style-type: none">• Dr. Vandana Kumar, Rajyasabha Secretariat, GoI*
	Presentation of Awards	
	Concluding Remarks	

Open Workshops

8th July 2025 14:00 to 15:00 IST	
State of play for Indian downstream and midstream companies in Lithium battery supply chain	
Topic	Speaker Name
<ul style="list-style-type: none"> Mapping upstream raw materials and players (lithium, graphite): sourcing and security Midstream (active materials, cells) and downstream (modules, packs) development Dependency on China and alternative sourcing (Australia, Africa, South America) Role of PLI scheme, customs duties, and FAME policies 	<ul style="list-style-type: none"> Rohit Laumas, Advisor- Mining & Supply Chain, CES Akash Saraf, Manufacturing & Supply Chain Consultant, CES
9th July 2025 12:00 to 13:00 IST	
Hybrid Power Projects in India: RE + Storage Tender Models and Lessons Learned”	
Topic	Speaker Name
<ul style="list-style-type: none"> Analysis of SECI hybrid, RTC, and peak power tenders Viability of standalone storage vs co-located hybrid plants Storage tariff design: bundled pricing, viability gap funding Contract structuring: availability guarantees, payment risk Case studies 	<ul style="list-style-type: none"> Aditya Palavai, Energy Consultant, CES
10th July 2025 14:00 to 15:00 IST	
EV Battery Value Chain in India: From Cell to Pack to Vehicle”	
Topic	Speaker Name
<ul style="list-style-type: none"> Status of EV and Ev battery demand in India, projections Configurations: Types of cells/modules used by EV segment, battery pack designs. Cell OEMs by EV segment, Battery pack players-current capacities 	<ul style="list-style-type: none"> Nikhil Havele, E-Mobility Consultant, CES

TECH TOUR





11TH 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 24×7 reliable power for over 12,000 low-income consumers.</p> <div>    </div>

