



6th CII International Energy Conference & Exhibition



Theme:

Driving India's Energy Transition: Pathway to Net-Zero

Engage, Energize, Empower

22 – 23 September 2025 | Hotel Taj Palace, New Delhi

Agenda



Day 1: 22 September 2025

1000 – 1100 hrs	OPENING PLENARY SESSION Durbar Hall
<p style="text-align: center;">Mission 2047: Energy Pathway to Viksit Bharat</p> <p>As India charts its course towards the Viksit Bharat vision, the energy sector is positioned to play a significant role. With an ambitious target to scale up renewable energy capacity to 1800 GW by 2047, this session will deliberate on strategies to build a resilient, inclusive, and self-reliant clean energy ecosystem. Discussions will focus on strengthening national missions and regulatory frameworks, as well as accelerating the adoption of solar, wind, hydro, nuclear, and emerging fuels, such as green hydrogen. The session will further highlight India's global leadership and strategic collaborations in shaping a cleaner and more secure energy future.</p> <p>Key Discussion Points:</p> <ul style="list-style-type: none"> • Achieving the 500 GW non-fossil energy capacity target • Access to green finance and de-risking investments for clean energy infrastructure • Smart grids, digital infrastructure, and flexible demand management • Strengthening manufacturing for robust supply chains • Job creation, skill development, and ensuring a just transition for workers 	
<ol style="list-style-type: none"> 1. Mr Pralhad Joshi, Hon'ble Union Minister for New & Renewable Energy and Consumer Affairs, Food and Public Distribution, Government of India 2. Dr Mohan Yadav, Hon'ble Chief Minister of Madhya Pradesh, Government of Madhya Pradesh 3. Dr Muaviyath Mohamed, Minister of State, Environment and Tourism, Government of Maldives 4. Mr Rajiv Memani, President, CII and Chairman and CEO, EY India 5. Mr Sanjiv Puri, Immediate Past President, CII and Chairman, ITC 6. Mr Chandrajit Banerjee, Director General, CII <p>** Launch of the CII–EY Report “<i>Eigenvectors of Net Zero Energy Transition Pathways to Viksit Bharat 2047</i>”</p> <p>** Inauguration and Walkthrough of Exhibition</p>	



AUSTRALIA COUNTRY SESSION

Mumtaz Hall

(Parallel Session A)

1045-1130 hrs

India-Australia Renewable Energy Partnership - Progress and Opportunities

The India-Australia Renewable Energy Partnership (REP) was launched in November 2024 by Prime Ministers Modi and Albanese as a significant milestone to guide our climate and energy cooperation, under three pillars- technology commercialisation, workforce development and two-way investment. Rooftop Solar was identified as a key theme of cooperation, as Australia is world's largest deployer of solar rooftops and is well placed to support India's ambition of 10 million solar rooftops by 2027. The India-Australia Technology Commercialisation Challenge connects Indian industry with Australian R&D expertise to drive innovation and build leadership in the commercialisation of cutting-edge renewable technologies. This session will showcase the progress made under REP in one year by both the Governments and will explore opportunities to expand the scope of partnership going forward.

1. Ms. Carly Partridge, Minister-Counsellor, Australian High Commission
2. Mr. Mukund Narayanamurti, Minister-Commercial and Head of Austrade, South Asia
3. Dr. S. Sundar Manoharan, Director General, Pandit Deendayal Energy University, Gujarat
4. Dr. Vibha Dhawan, DG, The Energy & Resources Institute (TERI)
5. Ms Ravneet Pahwa, Vice President, Vice President (Global Engagement) & CEO (South Asia), Deakin University
6. Mr. Sanjiva de Silva, Counsellor (Energy, Resources and Climate Change), Australian High Commission: Moderator



PANEL DISCUSSION 1

Durbar Hall

Track: Innovation for Sustainable Energy Systems

(Parallel Session B)

1100-1200 hrs

Integrating New Technologies in Nuclear Power

The National Nuclear Mission has set an ambitious target of 100 GW of nuclear capacity by 2047. This session will explore the critical role of nuclear energy in providing reliable baseload power to support India's clean energy transition. Key discussions will focus on accelerating the deployment of indigenous and advanced reactor technologies, including the potential of small modular reactors (SMRs) for decentralized and flexible power generation. The session will also address the importance of building public trust through robust safety standards, transparent waste management practices, and sustained awareness efforts. Panellists will outline the policy, regulatory, and investment frameworks needed to realize India's nuclear vision.

Key Discussion Points:

- Expanding India's nuclear capacity to ensure baseload power for clean energy transition
- Accelerating the deployment of indigenous and advanced nuclear reactors and exploring the potential of small modular reactors for decentralised energy applications
- Enhance public awareness and trust in nuclear energy safety and waste management

1. Mr Ghanshyam Prasad, Chairperson, Central Electricity Authority
2. Mr Anil V Parab, Whole- time Director & Member of L&T Board heavy Engineering CE & IPDD L&T (Heavy Engineering & L&T Valves)
3. Dr Kalirajan S, Managing Director, EDF Nuclear Projects India
4. Dr Praveer Sinha, Chairman, CII National Committee on Power and MD, Tata Power



SPECIAL MINISTERIAL SESSION 1	
Durbar Hall	
<u>Track: Collaborations for Greener Future</u>	
1215-1300 hrs	Policy Innovation and Collaborative Financing for Low-Carbon Transition
<p>Strategic policy interventions and innovative financing mechanisms are key to smooth energy transition. This session will spotlight collaborative models, such as PPPs, blended finance, and ESG-aligned instruments, to unlock private capital and accelerate low-carbon investments.</p> <p>Key Discussion Points:</p> <ul style="list-style-type: none">• Mobilizing private capital for low-carbon investments through Public-Private Partnerships, blended finance, and targeted policy incentives• Structuring bankable Power Purchase Agreements to de-risk renewable energy investments• Boosting investor confidence through ESG-aligned instruments such as green bonds and a stable, transparent policy environment	
<ol style="list-style-type: none">1. Mr Heera Lal Nagar, Hon'ble Minister of State for Energy, Government of Rajasthan2. Mr TSC Bosh, CEO-RECPDCL and Executive Director, REC3. Mr Amit Jain, Managing Director, Engie4. Mr Ranjit Gupta, CEO, Ocior Energy5. Moderator: Mr Vivek Srivastava, CEO- India Business, Suzlon	
1300-1400 hrs	NETWORKING LUNCH



PANEL DISCUSSION 2 Durbar Hall <u>Track: Innovation for Sustainable Energy Systems</u> (Parallel Session A)	
1400-1445 hrs	Emerging Technologies for Cleaner Mobility
<p>As the transportation sector contributes about 25% to global carbon emissions, accelerating the adoption of clean transport technologies becomes vital to achieving climate goals. During this session, experts will deliberate on strategies for scaling up emerging alternative fuels in the transport sector (ethanol, CBG, SAF and green hydrogen), strengthening R&D collaborations, and developing resilient and sustainable mobility ecosystems for the future.</p> <p>Key Discussion Points:</p> <ul style="list-style-type: none">• Forging collaborations for R&D in mobility• Advancing next-generation battery chemistries beyond lithium-ion• Commercialising different chemistries in batteries• Challenges in scaling up blending with biofuels (Ethanol, bio-CNG, CBG, SAF (Sustainable Aviation Fuel), and Green Hydrogen• Expanding CBG's Role as a future mobility fuel• Enabling innovation through startups	
<ol style="list-style-type: none">1. Dr Hanif Qureshi, Additional Secretary, Ministry of Heavy Industries, Government of India2. Mr Puneet Anand, Associate Vice President, Hyundai India3. Mr BC Tripathi, Operating Partner and Senior Advisor, Essar Group4. Moderator: Mr Tarun Sawhney, Chairman, CII National Bioenergy Committee & Vice Chairman & Managing Director, Triveni Engineering & Industries Limited	



SPECIAL MINISTERIAL SESSION 2

Durbar Hall

Track: Enlarging Basket to Foster Efficient Energy Access

(Parallel Session A)

1445-1530 hrs

Transforming Energy Storage for a Resilient Grid

Storage has emerged as a critical enabler for ensuring round-the-clock supply of renewable energy. This session will explore long-duration storage technologies and innovative solutions to strengthen grid stability, address integration challenges, and support energy transition. Discussions will focus on scaling up storage infrastructure, leveraging digital tools, and unlocking the potential of diverse storage options.

Key Discussion Points:

- Long-duration storage solutions for ensuring 24/7 renewable energy supply
- Overcoming integration challenges and strategies for balancing the grid
- Reducing storage costs to drive wider adoption in energy sector
- Leveraging AI and machine learning for better adoption of storage technologies
- Potential of Pumped Storage Hydropower as energy storage solution
- Challenges in using hydropower, natural gas, green hydrogen for balancing grid
- Scaling up Battery Energy Storage Systems (BESS) for grid stability

1. Mr Shripad Yesso Naik, Hon'ble Minister of State for Power and New & Renewable Energy Government of India
2. Mr Paul Smith, Senior Vice President Global Sales, Energy Dome
3. Mr Sajay KV, CEO, Zelestra India
4. Mr Kashif Khan, Vice President, & Head Business Expansion, Hindustan Power Projects Private Limited
5. Mr Subir Sen Director, PGCIL
6. Moderator: Mr Neeraj Menon, Partner, Trilegal

Report Launch: Industry Paper on India's Transmission Sector by Mr Arun Sharma, CEO, Sterlite Power (Resonia)



STATE SESSION Mumtaz Hall (Parallel Session B)	
1445-1545 hrs	State Session-Madhya Pradesh
	<ol style="list-style-type: none">1. Mr Rakesh Shukla, Minister for New and Renewable Energy, Government of Madhya Pradesh2. Mr Manu Srivastava, Additional Chief Secretary, New and Renewable Energy Department- Govt. of MP3. Mr Bhanu Mehrotra, Principal Investment officer, IFC4. Mr Amanbir Singh Bains, MD, MPUVNL5. Ms. Zorica Crisolli, Project Director GIZ



PANEL DISCUSSION 3

Durbar Hall

Track: Manufacturing for India & the World

(Parallel Session A)

1545-1630 hrs

Strengthening Critical Mineral Supply Chains for Energy Security

A resilient and secure critical mineral supply chain is essential for India's clean energy transition. This session will focus on strategies to secure key minerals like lithium, cobalt, and rare earths, reduce import dependency, and build domestic manufacturing capabilities. It will also explore global partnerships and trade agreements to ensure long-term material security and support India's energy ambitions.

Key Discussion Points:

- Reducing reliance on imports through domestic manufacturing
- Global partnerships, like QUAD, for cooperation on critical minerals
- Recycling and circular economy solutions for material security
- Exploring possibilities of strategic mineral asset acquisition
- Enhancing battery recycling and second-life applications for sustainability

1. Mr Sanjiva de Silva, Counsellor (Energy, Resources and Climate Change), Australian High Commission
2. Mr Mahaveer Singhvi, Joint Secretary, NEST, Ministry of External Affairs
3. Mr Arun Sharma, CEO, Resonia (Sterlite)
4. Dr. Bartosz Przywara- Energy, Climate, Environment Counsellor at Delegation of the European Union to India
5. Moderator: Ms Jyoti Mukul, Chief-Energy, CII



GERMANY COUNTRY SESSION

Mumtaz Hall

(Parallel Session B)

1600-1645 hrs

India-Germany Energy Partnership: 'Make in India' Solar, Wind, Storage & Skills for a Global Clean Energy Market"

This session will bring to the fore RE technology manufacturing capabilities and resultant business opportunities (specifically in solar, wind and storage, skilling and capacity development) that are a priority for both India and Germany. The session will present various models (or pathways) for Indian and German entities to realize these business opportunities on the back of implementable models for technology transfer, and access to finance.

The session will be followed by concrete action to build scalable technology and investment pathways with interested stakeholders, more specifically German companies looking to diversify their (manufacturing) supply chains and Indian companies seeking to build technologically robust manufacturing capacities and expanding their global market presence.

It will also emphasize how German innovation, advanced technological expertise and specialized skills would support Indian private sector and R&D institutions in the successful integration of new technologies and its localization.

Key Discussion Points:

- Models around technology transfer and building local manufacturing capabilities (Make in India)
- Navigating the policy landscape from the lens of Indian and German Governments
- Mobilizing investments to support RE manufacturing
- Creation of a globally mobile, skilled workforce keeping pace with the needs of the rapidly evolving RE sector.
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1. Mr Shripad Yesso Naik, Hon'ble Minister of State for Power and New & Renewable Energy Government of India
2. H. E. Dr. Philipp Ackermann, German Ambassador to India
3. Dr. Guilherme Vieira De Mendonca, Managing Director and Chief Executive Officer of Siemens Energy India Ltd
4. Dr Rishi Relan, Head of Engineering and R&D – Storage, Product Owner – BESS Digitalization, Grid Technologies, Engineering and Development
5. Mr Bipin Chandra, Director EDAG India (German co.)
6. Dr Praveer Sinha, Chairman, CII National Committee on Power and MD, Tata Power
7. Ms Soma Banerjee, Deputy Director General, CII



PANEL DISCUSSION 4

Durbar Hall

Track: Collaborations for Greener Future

1630-1730 hrs

Decarbonizing through Energy Transition

India, under its Nationally Determined Contributions (NDCs) to the Paris Agreement, has pledged to reduce the emissions intensity of its GDP by 45% from 2005 levels by 2030 and to achieve net-zero by 2070. Meeting these targets requires bold reforms, ecological stewardship, and collaborative action across sectors. The session will examine decarbonization, including industrial electrification, adoption of CCUS technologies, and the expansion of green hydrogen in hard-to-abate sectors, while also highlighting the role of nature-based solutions in balancing growth with sustainability. Discussions will explore the regulatory frameworks and required policies to make this transition smoother. Discussions will place India's efforts in the global context of CoP negotiations, exploring opportunities under Article 6 of Paris Agreement and the importance of international partnerships in accelerating the country's low-carbon transformation.

Key Discussion Points:

- Examining enabling regulations and policy frameworks to facilitate a smooth energy transition
- Electrifying industrial processes to transition from fossil fuels to renewables
- Deploying carbon capture, utilization, and storage (CCUS) in heavy industries
- Using green hydrogen in sectors like fertilisers, refineries, steel, cement, and shipping
- Introducing targeted financial incentives for low-carbon industrial innovations

1. Mr Jishnu Barua, Chairperson, CERC
2. Mr Manu Srivastava, Additional Chief Secretary, New and Renewable Energy Department- Govt. of Madhya Pradesh
3. Mr James Schofield, Managing Director, Mission Possible Partnership-ITA
4. Mr Girish Tanti, CII National Committee on Renewable Energy and CII RE
5. Manufacturing Council and Vice Chairman, Suzlon
6. Mr Rajiv Ranjan Mishra, Co Chairman, CII National Committee on Power and MD, Apraava Energy
7. Moderator: Mr Somesh Kumar, Partner, EY



PANEL DISCUSSION 5

Durbar Hall

Track: Enabling People Centric Transition

1730-1815

Skills for Universal Energy Access and Just Transition

Achieving India's energy transition goals will not only require technological innovation but also a strong focus on human capital. Energy sector faces skill gaps, especially in areas critical to universal energy access and decentralized renewable energy. Addressing this challenge calls for inclusive policies and innovative financing frameworks. The session will examine international best practices in skilling specially in South Asia and Africa region.

Key Discussion Points:

- Skilling and training for deployment, operation, and maintenance of DRE systems, including advanced and emerging energy technologies
- Developing workforce capabilities for grid maintenance
- Ensuring equitable access to clean energy skill-building across gender, regions, and socio-economic groups
- Promoting entrepreneurship in energy-enabled livelihoods like cold storage, food processing, and electric mobility

1. Mr Rakesh Shukla, Minister for New and Renewable Energy, Government of Madhya Pradesh
2. Dr Rodney Riviere, Cluster Coordinator Private Sector Development- Skilling and TVET, GIZ India
3. Mr N Venu, MD & CEO, Hitachi Energy India
4. Mr Neerav Nanavaty CEO, BluPine
5. Dr Mohammad Rihan - Director General, National Institute of Solar Energy
6. Dr Sangeeta Kasture, Scientist G, Ministry of Renewable Energy
7. Moderator: Mr Sameer Gupta, Co Chairman, CII RE Manufacturing Council and CMD, Jakson Group



Day 2: 23 September 2025

SPECIAL MINISTERIAL SESSION 3

Durbar Hall

Track: Collaborations for Greener Future

0930-1015 hrs

Beyond Boundaries: Creating New Power Markets

The transition to renewable energy requires a robust ecosystem of investment, innovation, and integration. Drawing from global best practices, this session aims to chart a path toward a sustainable, scalable, and investor-friendly renewable energy future. It will explore strategies to attract capital into the solar and wind sectors, while emphasizing the growing importance of hybrid solutions for delivering round-the-clock clean power. The discussion will also highlight the role of transnational trading in power, such as the India–Sri Lanka transmission line, in unlocking regional synergies, optimizing renewable resources, and creating new opportunities for wind power purchase agreements. Additionally, the session will examine the need to undertake R&D, build a resilient supply chain, and strengthen regional collaborations.

Key Discussion Points:

- Attracting investments for scaling up solar and wind energy, supporting R&D and next-generation solar panels, wind turbines, and battery storage
- Integrating FDRE to reduce curtailment and support a 24/7 renewable power supply
- Expanding cross-border power markets and infrastructure, including the India–Sri Lanka transmission line, to enable regional renewable energy trade
- Global learnings and best practices for scaling up solar and wind by 2030

1. Eng. Kumara Jayakody, Minister of Energy, Government of Sri Lanka
2. Mr S.S. Sivasankar, Hon'ble Minister for Transport and Electricity Government of Tamil Nadu
3. Mr Sanjiv Puri, Immediate Past President, CII and Chairman, ITC
4. Mr Sujoy Ghosh, Vice President and Country Managing Director-India, First Solar
5. Mr RPV Prasad, Managing Director, Envision Energy India Pvt Ltd



SPECIAL MINISTERIAL SESSION 4

Durbar Hall

Track: Collaborations for Greener Future

(Parallel Session A)

1015-1100 hrs

Global Partnerships for Energy Security in a Changing Geopolitical Landscape

Shifting alliances, regional conflicts, and trade realignments are influencing energy supply chains. This session will deliberate on strategic diversification, bilateral partnerships, and resilient sourcing to ensure long-term energy security. It will also examine collaborative approaches for integrating hydrocarbons with renewables and tackling the challenges of global price volatility while assessing impact on economic stability, industrial competitiveness and energy transition.

Key Discussion Points:

- Ensuring energy security alongside energy transition
- Discussing price volatility and its effect on economic stability and industrial competitiveness while developing reliable supply chains
- Forming strategic alliances for sustainable energy sources
- Addressing the impact of global geopolitical shifts on India's oil and gas security

1. Dr Muaviyath Mohamed, Minister of State, Environment and Tourism, Government of Maldives
2. Mr Mahaveer Singhvi, Joint Secretary, NEST, Ministry of External Affairs
3. Mr Prabh Das, MD & CEO, HMEL
4. Mr BC Tripathi, Operating Partner and Senior Advisor, Essar Group
5. Ms Soma Banerjee, Deputy Director General, CII



STATE SESSION Mumtaz Hall (Parallel Session B)	
1015-1115 hrs	State Session- Bihar
	<ol style="list-style-type: none">1. Mr Rahul Kumar, MD - NBPDCCL & BSPTCL2. Mr Mahendra Kumar, MD - SBPDCL & BSPGCL3. Mr Manoj Kumar Singh, Secretary, Power, Govt. of Bihar & CMD, BSPHCL4. Mr Abhijeet Ray, Executive Director, PwC



PANEL DISCUSSION 6

Durbar Hall

Track: Enlarging Basket to Foster Efficient Energy Access

1100-1145 hrs

Role of Thermal Power in Renewable-Rich Future

Thermal power has held continued relevance in India's energy mix. It plays a particularly critical role in India's energy basket, particularly in providing baseload electricity and ensuring grid stability. The session will address pricing challenges in natural gas-based power generation, and the strategic role thermal plants play in complementing intermittent renewable sources. The session will also explore challenges in deploying carbon capture, utilization, and storage (CCUS) technologies, alongside the potential of biomass co-firing as a decarbonization strategy.

Key Discussion Points:

- Discussing Outlook for thermal energy in India's energy mix and its role in providing baseload power in supporting the grid
- Understanding pricing issues in natural gas power generation
- Addressing challenges in using CCUS technologies using Biomass co-firing

1. Mr Gaurav Gupta, Additional Chief Secretary, Government of Karnataka
2. Mr Arun Goyal, Former Member, Central Electricity Regulatory Commission and Former Secretary, Government of India, PMG
3. Mr Naveen Munjal, Director, Apraava Energy
4. Mr Partha Nag, Chief General Manager-Operation Services, NTPC
5. Mr Rajinder Singh Ahuja, CEO-Power, Vedanta Ltd
6. Moderator: Mr Somesh Kumar, Partner, EY



PANEL DISCUSSION 7

Durbar Hall

Track: Enabling People Centric Transition

1145-1230 hrs

Enhancing Solar Access for Rural Economy

This session will explore global best practices driving rural solar energy deployment. It will also go into policies and financing mechanisms in India, with a focus on initiatives like PM-KUSUM and PM Surya Ghar. It will examine how these programs are enabling decentralized and rooftop solar adoption, particularly in underserved regions. The discussion will highlight agrivoltaics as a transformative dual-benefit model, enhancing farm incomes while generating clean energy. Experts will also delve into strategies to unlock private sector participation, streamline regulatory frameworks, and scale solar solutions across the country. The session aims to identify actionable pathways to accelerate equitable and sustainable solar energy deployment at the grassroots level.

Key Discussion Points:

- Discussing policy and financing mechanisms to support rural solar deployment across regions
- Assessing Agrivoltaics as a dual-benefit model for enhancing farm income while generating solar power
- Unlocking private sector investments in decentralised and rooftop solar systems

1. Mr Manu Srivastava, Additional Chief Secretary, New and Renewable Energy Department- Govt. of MP
2. Mr Ashish Khanna, DG, ISA
3. Mr Mohan Hegde, CEO-SELCO Solar Light Pvt Ltd
4. Mr Balram Mehta, COO & Group President, ReNew
5. Moderator: Ms Soma Banerjee, Deputy Director, CII



PANEL DISCUSSION 8

Durbar Hall

Track: Enlarging Basket to Foster Efficient Energy Access

(Parallel Session A)

1230-1315 hrs

Power Procurement Through PPAs or Trading: A Discom Dilemma

This session will focus on power procurement models to mitigate financial losses faced by distribution companies. Power Purchase Agreements (PPAs) offer long term stability by mitigating market risks while power trading allows for real-time adjustments based on demand fluctuations. As DISCOMs face increasing pressure to enhance financial viability while ensuring a reliable power supply, optimizing power procurement strategies becomes imperative. This session delves into cost-effective procurement models, the critical role of the merit order of dispatch, and the strategic balance between PPAs and trading. Panellists will explore how these tools can be leveraged to reduce costs, improve financial health, and support the evolving energy landscape, unpacking the challenges, opportunities, and practical approaches that can redefine power procurement for DISCOMs.

Key Discussion Points:

- Bringing efficiencies in discom finances
- Developing cost-effective power procurement models
- Assessing the relevance of the merit order of dispatch

1. Mr Manoj Kumar Singh, Secretary, Energy Department and Chairman and Managing Director, Bihar State Power Holding Company Ltd, Government of Bihar
2. Mr Nishit Mehta, Chief Business Officer, Serentica Renewables
3. Mr Sivakumar V Vepakomma, Director, Power Projects SECI
4. Mr Ashutosh Vyas, Head Energy Business (Utility), Hero Future Energies
5. Mr Alok Kumar, DG, All India Discom Association & Member, India Energy Stack Taskforce
6. Moderator: Mr Abhishek Ranjan, CEO, BSES Rajdhani



STATE SESSION Mumtaz Hall (Parallel Session B)	
1230- 1315 hrs	State Session- Karnataka 67% Renewables: Karnataka's model for Grid Security
	The Government's commitment to the clean energy mission is clearly reflected in Karnataka's achievements. With 72.01% of its installed capacity coming from non-fossil fuel sources, the state is demonstrating how ambitious policies and strong implementation can accelerate India's energy transition.
	<ol style="list-style-type: none">1. Mr T.D. Rajegowda, Member of Legislative Assembly and Chairman, Karnataka Renewable Energy Development Ltd., Chairman & Director, KREDL2. Mr Gaurav Gupta, Additional Chief Secretary, Government of Karnataka
1315 – 1400 hrs	NETWORKING LUNCH



SPECIAL MINISTERIAL SESSION 5

Durbar Hall

Track: Manufacturing for India and the World

1400-1500 hrs

Local Manufacturing for Global Energy Systems

India is poised to become a global hub for renewable energy manufacturing, with rapidly expanding capabilities in solar modules, wind turbine components, batteries, electrolyzers and transmission technologies. This session will explore strategies to scale domestic manufacturing to meet rising global demand while boosting export potential across the clean energy value chain. Discussions will highlight the importance of strengthening MSMEs and their manufacturing capacity for critical transmission equipment such as transformers, switchgear, and grid interface technologies. The session will also focus on aligning with international quality standards, leveraging trade agreements, and enhancing India's competitiveness in global supply chains. Key enablers such as policy support, industrial infrastructure, and supply chain resilience will be examined to drive an export-oriented renewable manufacturing ecosystem.

Key Discussion Points:

- Scaling India's domestic manufacturing of renewable energy technologies to meet global demand while focusing on exports of solar modules, wind turbine components, electrolyzers, batteries and supporting MSMEs in the renewable energy manufacturing ecosystem
- Strengthening policy environment, industrial infrastructure and supply chain capabilities to support large-scale export-oriented renewable manufacturing
- Aligning with international quality and certification standards, leveraging trade agreements and enhancing India's competitiveness in global supply chains

1. Mr Jitin Prasada, Hon'ble Minister of State Ministry of Commerce & Industry and Ministry of Electronics & Information Technology, Government of India
2. Mr J.V.N. Subramanyam, Joint Secretary, Ministry of New and Renewable Energy, Government of India
3. Mr B. Thiagarajan, Chairman, CII Indian Green Building Council (IGBC) and Managing Director, Bluestar
4. Mr Sameer Gupta, Co Chairman, CII RE Manufacturing Council and CMD, Jakson Group
5. Mr Pradeep Kheruka, Executive Chairman, Borosil Renewables
6. Mr. K.K Maskara, Whole-Time Director & President- Corporate & CEO, Vikram Solar
7. Moderator: Dr Amit Paithankar, Whole Time Director & CEO, Waaree

Launch of the CII-PwC Report "*Manufacturing for India & the World*" by Mr. Vibhav Singh, Executive Director, PwC



PANEL DISCUSSION 9

Durbar Hall

Track: Collaborations for Greener Future

(Parallel Session A)

1500-1545 hrs

Modelling Carbon Credits Framework to Promote Net-Zero

As the global push for decarbonization intensifies, trading in renewable energy and other green attributes offers a powerful avenue for achieving net-zero goals. This session explores mechanisms for trading green energy under a carbon credits framework, with a focus on regulatory bottlenecks and the evolving landscape under Article 6.2 and 6.3 of the Paris Agreement. Discussions will highlight opportunities and challenges in enabling cross-border and bilateral carbon credit trades. The panellists will discuss the path towards a robust, transparent, and scalable green trading ecosystem. They will also explore pathways to operationalize India's Emissions Trading Scheme (ETS), strengthen carbon markets, and align with global carbon pricing frameworks.

Key Discussion Points:

- Trading in RE and other forms of green energy
- Addressing regulatory bottlenecks in the carbon credit framework
- Enhancing the credibility and global integration of carbon markets by ensuring transparency, integrity, and robust offset mechanisms
- Preparing industries for global carbon pricing and operationalizing India's Emissions Trading Scheme (ETS) with international linkages
- Using Article 6.2 and Article 6.3 for bilateral trade in carbon credits

1. Mr Abhay Bakre, Mission Director- Green Hydrogen, Ministry of New & Renewable Energy
2. Mr Wayne Sharpe, CEO and Founder, Carbon Trade eXchange (Online)
3. Mr Vijay Agarwal, Managing Director, Equirus Capital
4. Mr Vijay Anand, Head HSE and Carbon Credits, Hero Future Energies
5. Moderator: Dr. Ajay Mathur, Former Director General, International Solar Alliance



PANEL DISCUSSION 10 Mumtaz Hall <u>Track: Innovation for Sustainable Energy Systems</u> (Parallel Session B)	
1500-1545 hrs	AI & Digital Solutions for Next-Gen Energy Reforms
<p>The future of energy lies at the intersection of technology and sustainability. This session will spotlight the transformative role of Artificial Intelligence and digital innovation in reshaping India's energy landscape. With a focus on the India Energy Stack and Utility Intelligence Platform, the session will showcase how next-gen digital tools can break down data silos, enhance grid resilience, and drive efficient energy management.</p> <p>Key Discussion Points:</p> <ul style="list-style-type: none">• Overcoming data silos in utilities and improving digitalization for better energy management• Strengthening frameworks to protect digital energy assets from cyber threats• Using AI-driven forecasting to enhance grid flexibility and RE integration• Leveraging blockchain for peer-to-peer energy trading and carbon credit verification	
<ol style="list-style-type: none">1. Dr Ram Sevak Sharma, Chair, India Energy Stack Task Force and Former Mission Director of UIDAI2. Mr Sunil Singhvi, Group Head Public Policy. Secure Meters Limited3. Mr PR Gopan, Chief Technology Officer, Envision4. Mr Naveen Munjal, Director, Apraava Energy5. Moderator: Mr Reji Pillai, President, India Smart Grid Forum (ISGF)	



CLOSING PLENARY SESSION	
Durbar Hall	
1545-1630 hrs	CLOSING PLENARY WITH STATE ENERGY MINISTERS
<p>Affordable and quality power is key to economic and social development. Power being a concurrent subject in the Indian Constitution, broader vision and policies are laid out by the centre but it is the states that play a pivotal role in implementation. From ensuring reliability to driving renewable integration and innovation, states are central to India's energy future. This session will explore how State leadership translates national policies into real impact on the ground and how they can adopt best practices from among them.</p>	
<ol style="list-style-type: none">1. Mr S.S.Sivasankar, Hon'ble Minister for Transport and Electricity, Government of Tamil Nadu2. Mr Arvind Kumar Sharma, Hon'ble Minister of Energy & Urban Development, Government of Uttar Pradesh3. Mr Ashish Sood, Minister for Home, Power, Urban Development, Education, Higher Education, Training & Technical Education, Government of NCT of Delhi4. Mr Rakesh Shukla, Minister for New and Renewable Energy, Government of Madhya Pradesh5. Mr Santosh Kumar Sarangi, Secretary, Ministry of New & Renewable Energy, Government of India6. Mr Mahaveer Singhvi, Joint Secretary, NEST, Ministry of External Affairs7. Mr Sameer Gupta, Co Chairman, CII RE Manufacturing Council and CMD, Jakson Group	
1630 hrs	Event Concludes



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