

7th CII International Energy Conference & Exhibition



Theme

Transitioning with Energy Security – The New Global Order
Secure, Smart, Sustainable

6 – 7 August 2026 | Hotel Le Meridien, New Delhi

Agenda

Day 2: 7 August 2026

SESSION 12		
Track: Energy Security & Supply Chains		
Sovereign Hall		
1000 - 1045 hrs	Beyond Borders: The Future of Shared Energy Systems	
This session will focus on cross-border cooperation as a means for energy diplomacy, enabling countries to manage risks and enhance system resilience. This session explores how shared grids, pipelines, and joint reserves can reduce vulnerabilities and promote friendly relations by helping navigate geopolitical tensions, financing hurdles, and regulatory fragmentation. It will also examine pathways to balance national priorities with collective energy stability. Key Discussion Points: • Scaling cross-border energy trade through interconnected grids and pipelines • Role of international agreements in ensuring energy security • Overcoming infrastructure, financing, regulatory, and geopolitical barriers • Leveraging strategic reserves and joint stockpiling mechanisms to mitigate supply disruptions and price shocks • Balancing national interests with cross-border collaboration		
1000 – 1005 hrs	Opening Remarks	Ms Soma Banerjee Deputy Director General CII
1005 – 1010 hrs	International Perspective	Mr Dammu Ravi Former Secretary, Economic Relations Ministry of External Affairs
1010 – 1015 hrs	Address	Mr Karma P Dorji Director General-Department of Energy Ministry of Energy and Natural Resources, Government of Bhutan
1015– 1025 hrs	Special Address	Mr Santosh Sarangi Secretary Ministry of New and Renewable Energy, Government of India
1025 – 1040 hrs	Keynote Address	Hon. Anura Karunathilake Minister of Energy Government of Sri Lanka

SESSION 13		
Track: Clean Power Systems		
Sovereign Hall		
1045-1130 hrs	Powering the Economy: Meeting the Next Wave of Electricity Demand	
As India emerges as a leading digital economy and data centre hub, the rapid growth of data centres, increasing cooling needs, and accelerating electric vehicle adoption are reshaping electricity demand patterns and placing new requirements on generation, transmission, and grid infrastructure. This session will examine how India can ensure access to affordable, reliable, and increasingly clean power to support these high-growth sectors while strengthening energy security and enabling sustainable economic growth. • Key Discussion Points: • Rising electricity demand and its implications for power system • Ensuring reliable, affordable, and clean power • Grid and infrastructure readiness to support concentrated, high-load electricity demand hubs • International best practices in dealing with increased power demand		
1045-1050 hrs	Opening Remarks & Moderation	CII
1050-1105 hrs	Special Address	Mr Arvind Kumar Sharma, Minister for Energy and Urban Development, Government of Uttar Pradesh Mr Jishnu Barua, Chairperson, Central Electricity Regulatory Commission (CERC)
1105-1130 hrs	Panel Discussion	➤ Mr Kasu Venkat Reddy, Co-Founder & CEO, Sustainability, Economics AI ➤ Mr Rupal Gupta, Founder, MD and CEO, Oriana Power ➤ Mr Himanshu Agarwal, Director Power Sales and Regulatory Affairs, Vedanta Power

STATE SESSION	
Inspire Hall	
1100- 1200 hrs	State Session- Madhya Pradesh

SESSION 14

Track: Clean Molecules & Industrial Transition

Sovereign Hall

1130 - 1215 hrs

Green Hydrogen & Derivatives: Building Global Partnerships

Global momentum around green hydrogen is accelerating as countries pursue decarbonisation, energy security and industrial competitiveness objectives. Significant investments are being directed toward green hydrogen production, derivative fuels and export-oriented value chains. India has emerged as one of the most promising markets globally, supported by abundant renewable energy resources, strong policy backing and growing industrial demand.

This session will assess the evolving global landscape, examine opportunities for India to establish leadership across the hydrogen value chain, and identify strategies for scaling investments, demand creation and international partnerships.

Key Discussion Pointers:

- Global and Indian green hydrogen market landscape
- Green hydrogen derivatives and value chain development
- Economics, investment and offtake mechanisms
- Lessons from pilot projects and early deployments
- International partnerships and export opportunities
- Building globally competitive hydrogen ecosystems

5 mins	<i>Welcome Remarks</i>	Mr Arnava Kishore Sinha , Executive Vice President and Head of Business Development - Green Hydrogen & Ammonia, ACME Group
5 mins	<i>International Perspective</i>	Mr Masafumi Senda , Regional Head, South Asia & Middle East, NEDO
10 mins	<i>Special Address</i>	Mr Abhay Bakre , Mission Director-National Green Hydrogen Mission, Ministry of New and Renewable Energy, Government of India
10 mins	<i>Special Address</i>	Mr Akash Tripathi , Managing Director, Solar Energy Corporation of India (SECI)
15 mins	<i>Keynote Address</i>	Shri Kanak Vardhan Singh Deo , Deputy Chief Minister, Government of Odisha
5 mins	<i>Closing Remarks</i>	Mr Gaurav Agnihotri , Head Business Development, Waaree

SESSION 15		
Track: Clean Molecules & Industrial Transition		
Sovereign Hall		
1215-1300 hrs	Multi-Fuel Pathways for Secure and Innovative Mobility	
Global mobility transition is being driven by a diverse portfolio of clean energy pathways. While electrification will remain a key pillar, achieving energy security, decarbonisation and economic competitiveness will require parallel deployment of multiple fuel options, including ethanol, biodiesel, compressed biogas, green hydrogen and other emerging low-carbon fuels. The session will also celebrate the power of youth-led innovation through a special interaction with Sea Sakthi, the award-winning team from Kumaraguru College of Technology that received the prestigious Prince Albert II Award at the 13th Monaco Energy Boat Challenge 2026. Key Discussion Pointers: • Strengthening energy security through fuel diversification • Policy and regulatory frameworks to accelerate innovation and adoption • Enabling infrastructure, standards, interoperability and consumer confidence • Advancing industrial competitiveness and research & development		
5 mins	Opening Remarks	Ms Soma Banerjee , Deputy Director General, Confederation of Indian Industry
10 mins	<i>Interactive Presentation by award winning students from Kumaraguru College of Technology</i>	
25 mins	Industry Remarks	• Mr Deepak Thakur, Managing Director & CEO, Hinduja Renewables • Mr Akshay Wadhwa, Chief Executive Officer, Reliance BP Mobility Limited
5 mins	Closing Remarks	Ms Soma Banerjee , Deputy Director General, Confederation of Indian Industry



STATE SESSION Inspire Hall	
1230- 1330 hrs	State Session- Odisha

1300 – 1400 hrs	NETWORKING LUNCH
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SESSION 16

Track: Digital Energy Systems

Sovereign Hall

1400-1445 hrs

Demand Response 2.0: Leveraging Smart Meters, DT Meters and IoT for Flexible Power Systems

As electricity demand patterns evolve and renewable energy penetration increases, demand-side flexibility is becoming essential for grid stability and energy security. This session will examine how smart meters, distribution transformer (DT) meters, IoT technologies, and AI-powered analytics are transforming demand response programs into powerful tools for peak load management and system optimization. Discussions will highlight the role of dynamic pricing, Time-of-Day tariffs, and advanced load forecasting in addressing challenges such as the duck curve, reducing supply shocks, and minimizing dependence on costly backup power. The session will also explore how consumer participation and intelligent management of hybrid energy systems can enhance reliability, efficiency, and affordability across the power sector.

Key Discussion Points:

- Demand Response & Duck Curve Management: Using smart meters and dynamic pricing to optimize demand.
- Demand Response and ToD tariffs as tools for peak load management and national energy security
- AI-enabled load forecasting to minimize supply shocks and reduce reliance on costly backup power
- Smart meters and IoT enabling consumer-side participation in grid stability and security
- Managing hybrid energy systems for secure, reliable, and cost-efficient power supply

1400-1405 hrs

Opening Remarks & Moderation

Mr. Madan Mohan Chakraborty, CEO & Managing Director, GridCrest Technologies Pvt Ltd

1405-1440 hrs

Panel Discussion

Dr Krishna Kumar Dwivedi, Additional Chief Secretary (Power Department), Government of Assam
Shri Ajay Yadav, **Secretary**, Energy Department, Government of Bihar
Prof Anoop Singh, Centre for Energy Regulation, DOMS, Indian Institute of Technology, IIT Kanpur
Mr Gopal Parikh, Senior Director, Kimbal
Mr Abhishek Ranjan, CEO BRPL

1440-1445 hrs

Closing Remarks and Q/A

Mr. Madan Mohan Chakraborty, CEO & Managing Director, GridCrest Technologies Pvt Ltd

SESSION 17		
Track: Clean Power Systems		
Sovereign Hall		
1445-1530 hrs	Innovation, Efficiency & Scale: Maximising Solar Potential	
With over 150 GW of installed capacity, solar energy has become a cornerstone of India's clean energy transition and energy security. As deployment accelerates, strengthening domestic manufacturing, improving efficiency, and driving innovation will be critical to sustaining growth. This session will explore advanced technologies such as perovskite and tandem solar cells, agrivoltaics, and next-generation manufacturing to improve performance and strengthen resilient supply chains. Discussions will also examine strategies to enhance competitiveness, reliability, and scalability across the solar value chain while reducing import dependence. Key Discussion Points: • Driving higher solar output through advanced technologies and innovative system design • Exploring next-generation solar solutions, including perovskite, tandem cells, and agrivoltaics • Accelerating solar deployment to meet growing electricity demand • Strengthening domestic manufacturing and resilient supply chains • Enhancing the reliability, competitiveness, and scalability of solar power		
1445-1450 hrs	Opening Remarks & Moderation	Mr Sujoy Ghosh , Vice President and Country Managing Director, First Solar
1450-1530 hrs	Panel Discussion	Mr Manu Srivastava , Additional Chief Secretary (New & Renewable Energy), Government of Madhya Pradesh Mr Suhas Donthi , President & CEO, Emmvee Group Mr Dinesh Kabra , Co-Principal Investigator, National Centre for Photovoltaic Research and Education, IIT Bombay Mr Suneil Kapur , Chief Business Officer, Resolven

Special Session 18

Inspire Hall

1500-1530 hrs

Building Resilient Clean Energy Systems: A Case Study

Expanding renewable energy capacity requires building resilient energy systems. An integrated clean energy backbone combining hybrid power systems, intelligent grids, and secure supply chains is essential to deliver reliable, flexible and affordable clean power. This special presentation will showcase a case study highlighting best practices in clean energy infrastructure that contribute to the development of a future-ready power system capable of supporting sustainable economic growth.

1500-1505 hrs

Opening Remarks &
Moderation

Mr Deepak Krishnan, Director-Energy Transition,
WRI

1505-1515 hrs

Presentation

Mr Bernhard Telgmann, President-Technology and
Group CTO, Suzlon

1515-1525 hrs

Industry Remarks

Mr Ruban Prabhakaran, Head-Wind Project, Renfra
Energy India Limited

1525-1530 hrs

Q&A

SESSION 19

Track: Clean Molecules & Industrial Transition

Sovereign Hall

1530 - 1615 hrs

Electrons and Green Molecules: Pathways to Decarbonisation

As India advances towards its net-zero ambitions, industrial decarbonisation will require a dual transition. Under Mission Electrostate, industrial electrification can be scaled up. Simultaneously, adoption of green hydrogen and other green molecules for hard-to-abate sectors could be carried out. This session will explore how industrial electrification, green molecules, and enabling technologies can accelerate India's transition to a competitive, low-carbon industrial ecosystem.

Key Discussion Points:

- Industrial transition strategies and phased adoption models for Mission Electrostate 2045
- Adoption of green molecules for decarbonising hard-to-abate sectors
- Technology readiness, electrification pathways and integration challenges across industry
- Financing, bankability and demand aggregation to accelerate industrial decarbonisation
- Carbon markets, policy support and regulatory frameworks to enable industrial net zero
- Integrating renewable energy, digital technologies and smart manufacturing

5 mins	Opening Remarks	Mr Sambitosh Mohapatra , Partner and Leader, Sustainability and Resource Transformation, PwC India
35 mins	Panel Discussion:	Moderator: Mr Sambitosh Mohapatra, Partner and Leader, Sustainability and Resource Transformation, PwC India Mr Narinder Goyal, Business Head – Manufacturing operations, Chambal Fertilisers and Chemicals Limited Mr Kiran Joseph, CEO, Thyssenkrupp Nucera India Mr Sundeep Gupta, Vice President – Green Hydrogen and Derivatives, Hero Future Energies
5 mins	Closing Remarks	Mr Sambitosh Mohapatra , Partner and Leader, Sustainability and Resource Transformation, PwC India

SESSION 20 Track: Energy Security & Supply Chains Inspire Hall		
1545 – 1630 hrs	Making Energy Diversification a Strategic Priority	
This session will examine diversification strategies for building a resilient energy system. It will also discuss accelerated deployment of renewables and emerging solutions such as green hydrogen and biofuels alongside conventional energy for preventing economic shocks. Key Discussion Points: <i>Navigating geopolitical risks and price volatility through a balanced and diversified energy mix</i> <i>Balancing conventional energy security with the rapid scale-up of renewables and low-carbon alternatives</i> <i>Exploring the strategic role of hydrogen, biofuels, and storage in enhancing resilience and reducing import dependence</i>		
1545 – 1550 hrs	Welcome Remarks and Moderation	Ms Soma Banerjee Deputy Director General CII
1550 – 1600 hrs	Special Address	Mr J.V.N. Subramanyam Joint Secretary Ministry of New and Renewable Energy
1600 – 1625 hrs	Panellists	Ambassador Sunjay Sudhir Former Ambassador to the UAE Mr Rajarshi Gupta Managing Director and Chief Executive Officer ONGC Videsh Ltd Mr Sunjoy Joshi Chairperson Observer Research Foundation
1625 – 1630 hrs	Concluding Remarks	Ms Soma Banerjee

Session 21		
<u>Inspire Hall</u>		
17:00-17:30 hrs	Special Talk by Shri Hardeep Singh Puri Hon'ble Union Minister of Petroleum and Natural Gas Beyond Oil Shocks - A Vision for the Future <u>Inspire Hall</u>	
As nations navigate an increasingly complex energy landscape, striking the right balance between global collaboration and national priorities will be essential to unlocking innovation, enhancing resilience, and advancing a secure and sustainable energy future. The US-Iran and Russia-Ukraine wars have brought to focus the energy security imperative for countries. While crude oil supply dominated geopolitics for decades, the realignment of countries and dominance of countries outside of political blocks underscore the importance of bilateral arrangements. As the third largest energy consumer, India needs a multi-pronged approach hinging on diversification of supply sources and diversification of energy basket. The session will go into the changing geopolitical dynamics and India's strategy to secure its energy requirements.		
1700-1705 hrs	Welcome remarks	CII
1705-1730 hrs	Special Address	Shri Hardeep Singh Puri Hon'ble Union Minister for Petroleum and Natural Gas

Country Session	
<u>2020 and 2010 Room</u>	
1630 – 1800 hrs	Country Session- Brazil

1800 hrs	Event Concludes
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