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Activities

3rd CII Conference on Smart Metering

CII organized the third edition of its Smart Metering Conference on 6 May 2025 at Hotel Le Meridien, New Delhi, with the theme “*Revolutionizing Metering Solutions for Smart Distribution System.*” The conference served as a national platform for discussion and collaboration among key stakeholders from the government, power distribution companies, technology providers, financial institutions, and sector experts. The primary objective was to align the implementation of Advanced Metering Infrastructure with the broader national goals of improving energy access, enhancing operational efficiency, and strengthening consumer engagement. The Conference featured seven sessions that addressed various aspects of smart metering. These included discussions on policy frameworks, grid optimization, cybersecurity, interoperability, financing models, and practical case studies. Participants included senior officials from the Ministry of Power and the Central Electricity Authority, as well as top leaders from industry and utilities. The conference also hosted live demonstrations of smart meters by companies such as Secure Meters, Adani, Hindustan Power Projects, and Kimbal, allowing attendees to experience the technologies first-hand.

Also, the CII theme paper titled “*Cybersecurity and Privacy in Smart Metering Infrastructure: Protecting the Future of Energy*” was unveiled during the conference. The paper was unveiled in the presence of senior officials from the Ministry of Power and the Central Electricity Authority. It outlines a multi-layered approach to securing India’s smart metering ecosystem by recommending strong encryption protocols, consumer consent frameworks, and alignment with the Digital Personal Data Protection Act, 2023.



(L-R) Mr Arun Sharma, Chairman, CII Sub-Group on Transmission and CEO, Sterlite Power; Dr. Suket Singhal, Chairman, CII National Task Force on Smart Metering; Group CEO, Secure Meters; Mr Ghanshyam Prasad, Chairman, Central Electricity Authority (CEA); Mr Shashank Mishra, Joint Secretary, Ministry of Power; Mr Sameer Gupta, Chairman, CII National Taskforce on RE Manufacturing and Chairman and Managing Director, Jakson Group, launching the paper titled “Cybersecurity & Privacy in Smart Metering Infrastructure: Protecting the Future of Energy”



(L-R) Mr Vivek Goel, Chief Engineer, Central Electricity Authority; Mr Pushpendrasinh Zala, CEO- Smart Metering, Adani Energy Solutions Limited; Mr Alok Kumar, Former Secretary, Ministry of Power and Director General, All India Discoms Association; Dr. Suket Singhal, Chairman, CII National Task Force on Smart Metering; Group CEO, Secure Meters; Ms Jyoti Mukul, Chief- Energy, CII during the Opening Session of the 3rd CII Smart Metering Conference

Activities

CII - MNRE Delegation to World Hydrogen Summit 2025

The Confederation of Indian Industry (CII), in partnership with the Ministry of New and Renewable Energy (MNRE), Government of India, organized an Indian business delegation to the World Hydrogen Summit (WHS) 2025, held in Rotterdam, Netherlands, from 20 to 22 May 2025. The delegation, led by Mr Santosh Kumar Sarangi, Secretary, Ministry of New & Renewable Energy, included representatives from nearly 20 Indian companies engaged in the Green Hydrogen sector.

The delegation aimed to showcase the capabilities of India's Green Hydrogen ecosystem and fostering global collaborations in technology, financing, and offtake arrangements. During the Summit, the Indian delegation actively participated in technical sessions and roundtable discussions covering key areas such as policy frameworks, international trade, industry collaboration, and emerging technologies.

The Indian Pavilion at the exhibition highlighted recent government initiatives and innovations by Indian industry players across the Green Hydrogen value chain. In a significant milestone, an MoU was signed between AM Green and the Port of Rotterdam to promote joint efforts toward building a greener and more sustainable future. The delegation also undertook a site visit to the Port of Rotterdam, where port officials shared their vision and plans for developing port infrastructure to support low-carbon hydrogen imports in alignment with global decarbonization goals.



(L-R) Mr Mahaveer Singhvi, Joint Secretary, Ministry of External Affairs; Mr Bartosz Przywara, Counsellor, Energy, Climate Environment, Delegation of the European Union to India; Mr Santosh Kumar Sarangi, Secretary, MNRE; Mr Abhay Bakre, Mission Director - NGHM, MNRE; Dr Laurent Antoni, Executive Director, IPHE; Mr Sanjay Sharma, Director, Solar Energy Corporation of India at the World Hydrogen Summit.



Inauguration of the Indian pavilion at the World Hydrogen Summit 2025 by Mr Santosh Kumar Sarangi, Secretary, Ministry of New & Renewable Energy, Government of India and Mr Kumar Tuhin, Ambassador of India to the Kingdom of the Netherlands, Government of India

CII ENERGY DIARY

Powering Progress



Confederation of Indian Industry
JUNE, 2025

Activities

CII Seminar on Building Infrastructure for Gas-based Economy themed *Pipelines to Terminals: A Clean, Inclusive and Resilient Network*

CII organized a Seminar on Building Infrastructure for Gas-based Economy on 6 June 2025 at Hotel Le Meridien, New Delhi, on the theme, “*Pipelines to Terminals: A Clean, Inclusive and Resilient Network*.” This high-level discussion forum aimed to align efforts across government and industry players and develop a roadmap for cost-efficient and inclusive gas distribution.

The event had participation from key stakeholders across the gas value chain, including policymakers, regulators, industry leaders, investors, and global experts, who deliberated strategies for accelerating pipeline infrastructure in the country and positioning LNG as a driver of clean, inclusive energy access.

The seminar featured sessions around themes of mobilizing investment for accelerating natural gas infrastructure development, promoting a collaborative approach for optimal utilization of LNG terminal and tapping the potential of natural gas and LNG in the heavy transport sector.

Participants included senior officials from the Petroleum and Natural Gas Regulatory Board (PNGRB) and Shri Tarun Kapoor, Advisor to the Hon’ble Prime Minister of India. Representatives from leading companies such as Shell Energy India, Indian Oil Corporation Ltd, Bharat Petroleum Corporation Ltd, ExxonMobil, and Pipeline Infrastructure Ltd also made valuable contributions to the discussions.

The seminar concluded with a consensus that India’s transition to a gas-based economy must be anchored in a well-coordinated strategy encompassing financing, policy reform, and technological advancement. There was a strong call for multi-stakeholder collaboration to develop a clean, inclusive, and resilient gas infrastructure that aligns with India’s climate goals and energy security vision. The seminar provided a platform for key stakeholders to align on priorities, share best practices, and explore partnerships. It generated actionable insights on financing models, regulatory improvements, and infrastructure planning that will inform India’s gas infrastructure roadmap in the coming years. CII reaffirmed its commitment to facilitating industry-government dialogues and supporting initiatives aimed at accelerating infrastructure development in the gas sector.



(L-R) Mr Akhil Mehrotra, Managing Director & Chief Executive Officer, Pipeline Infrastructure Limited; Shri Gajendra Singh, Member, Petroleum and Natural Gas Regulatory Board (PNGRB); Shri Tarun Kapoor, Advisor to the Prime Minister; Mr Nakul Raheja, Country Head, Shell Energy India during the Inaugural Session at CII Seminar on Building Infrastructure for Gas-based Economy.



(L-R) Mr Nakul Raheja, Country Head, Shell Energy India; Mr Sachin Vermani, Senior Vice President, SBI CAPS; Shri Anjani Kumar Tiwari, Member, Petroleum & Natural Gas Regulatory Board (PNGRB); Mr Rakesh Kumar Jain, Director (Finance), GAIL (India) Limited; and Mr Manoj Kumar Pandey, Chief Commercial Officer, Pipeline Infrastructure Limited, during the Session on Mobilizing Investment for Accelerating Natural Gas Infrastructure Development.

Sectoral News

INDIA

IBA collaborates with Indian Oil to develop bioenergy, bio-hydrogen sector Economic Times -June,01,2025

The Indian Biogas Association (IBA) and Indian Oil Corporation Ltd (IOCL) have signed an MoU to develop the bioenergy and bio-hydrogen sector in India. This collaboration will establish a knowledge Centre, pool resources, and conduct training programs to boost the biofuels industry. Both entities will also collaborate on policy advocacy and R&D to promote biogas development across the nation.

Read more at:

https://economictimes.indiatimes.com/industry/energy/oil-gas/iba-collaborates-with-indian-oil-to-develop-bioenergy-bio-hydrogen-sector/articleshow/121547978.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

L&T Energy Tech wins IOC's first green H2 tender Economic Times- May 14, 2025

L&T Energy Green Tech has won a bid to build a 10,000 tonnes per annum green hydrogen plant at Indian Oil Corporation's (IOCL) Panipat refinery in Haryana, according to sources aware of the development. The green hydrogen project is to be set up on a build, own operating (BOO) basis for 25 years. Over half a dozen companies had bid in IOCL's maiden green hydrogen tender early this year.

Read more at

https://economictimes.indiatimes.com/industry/renewables/lt-energy-tech-wins-iocs-first-green-h2-tender/articleshow/121146892.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

Three 800MW power plant units approved for Punjab Economic Times- June 7, 2025

Union power minister Manohar Lal Khattar approved the setting up of three additional 800 MW power generation units in the state, announced Punjab power minister Harbhajan Singh.

Read more at:

https://energy.economictimes.indiatimes.com/news/power/three-800mw-power-plant-units-approved-for-punjab/121687907?utm_source=top_news&utm_medium=sectionListing

Rs 1,500 crore incentive scheme in the works for recycling critical minerals Economic Times- June 8, 2025

Following the disruption in the supply of rare earth or permanent magnets after China's notification on April 4, the mines ministry is planning to introduce a ₹1,500 crore incentive scheme to recycle critical minerals, according to a top official.

In parallel, Midwest Advanced Materials (MAM), a Hyderabad-based company that specializes in researching and developing advanced

materials and rare earth magnets, is in discussion with the Non-Ferrous Materials Technology Development Centre (NFTDC), Hyderabad, to acquire its technology for extracting and processing rare earth magnets, official stated.

Read more at:

https://www.business-standard.com/industry/news/govt-incentive-scheme-recycling-critical-minerals-125060601008_1.html

Storage-linked renewable tenders accounted for 68% of auctioned capacity in FY25: Ind-Ra Economic Times-June,07,2025

Storage-linked and hybrid tenders constituted about 68 per cent of the total renewable energy capacity auctioned in FY25, according to India Ratings and Research (Ind-Ra), highlighting the importance of energy storage in renewable transition.

Read more at:

https://energy.economictimes.indiatimes.com/news/renewable/storage-linked-renewable-energy-auctions-hit-68-capacity-in-fy25-ind-ra-reports/121687896?utm_source=top_story&utm_medium=homepage

Bihar slashes VAT on aviation turbine fuel to 4% to boost air connectivity Economic Times- June 3, 2025

The Bihar Cabinet on Tuesday approved the proposal for reduction of value-added tax (VAT) on aviation turbine fuel (ATF) from 29 per cent to 4 percent. under the Regional Connectivity Scheme (RCS). With this decision of the government the air ticket prices will further reduce, and it will also attract more commercial flights in the state. It will further enhance the state's revenue and will also generate employment,

Read more at:

<https://energy.economictimes.indiatimes.com/news/oil-and-gas/bihar-slashes-vat-on-aviation-turbine-fuel-to-4-to-boost-air-connectivity/121597348>

Diu first district in India to meet entire power demand with solar energy Economic Times- May 29, 2025

Diu has become the first district in India to meet its entire power demand with solar energy, achieving 11.88 MW capacity.

Read more at:

<https://energy.economictimes.indiatimes.com/news/power/diu-first-district-in-india-to-meet-entire-power-demand-with-solar-energy/121493142>

RIL unit, SASA Energy among new entrants in ALMM solar modules list Economic Times- June7, 2025

The Ministry of New and Renewable Energy has issued the latest revision to the Approved List of Models and Manufacturers (ALMM) for solar photovoltaic modules, with several key additions including Reliance Industries Ltd (RIL) unit, and SASA Energy.

Read more at:

https://energy.economictimes.indiatimes.com/news/renewable/reliance-and-avaada-join-alm-solar-modules-list-amid-expansion-push/121687864?utm_source=top_story&utm_medium=homepage

Sectoral News

WORLD

Global energy investment to hit record \$3.3 trillion in 2025, driven by renewables and electricity demand: IEA Fortune India June 7,2025

Global energy investment is expected to increase in 2025 to a record \$3.3 trillion, a 2% rise over 2024, despite headwinds from elevated geopolitical tensions and economic uncertainty, says the International Energy Agency (IEA). Of this, around \$2.2 trillion will go collectively to renewables, nuclear, grids, storage, low-emission fuels, efficiency, and electrification, which is twice as much as the \$1.1 trillion going to oil, natural gas, and coal during the year.

Read more at:

<https://www.fortuneindia.com/business-news/global-energy-investment-to-hit-record-33-trillion-in-2025-driven-by-renewables-and-electricity-demand-iaa/123826>

India central to supply chains; must be part of G7 discussions: Canadian PM Business Standard June 7,2025

Canada's newly elected Prime Minister Mark Carney cited India's economic strength as a key reason for the invitation. "As chair of the G7, it is important to invite the most important countries to attend to talk about important issues such as energy, artificial intelligence, critical minerals, and India is really at the very center of global supply chains," Carney said at a press conference on Parliament Hill, according to *The Globe and Mail*.

Read more at:

https://www.business-standard.com/external-affairs-defence-security/news/canadian-pm-carney-invites-pm-modi-g7-summit-india-global-role-economy-125060700603_1.html

Saudi energy firm Alfanar lines up India green hydrogen play, awaits clear policy signals Economic Times June 2,2025

Saudi Arabia-based energy giant, Alfanar Group, is preparing to enter India's green hydrogen segment once the country's policy and regulatory framework becomes clearer, said Mohammed Irfan, chief executive officer, Alfanar Global Development

Read more at:

https://energy.economictimes.indiatimes.com/news/renewable/alfanar-group-targets-indias-green-hydrogen-market-with-global-expertise/121551518?utm_source=most_read&utm_medium=newsDetail

Global oil supply to rise faster than expected after OPEC+ hike, IEA says The Reuters May 15, 2025

World oil supply will rise more rapidly than previously expected this year as Saudi Arabia and other OPEC+ members unwind output cuts, says the International Energy Agency (IEA)

Read more at:

<https://www.reuters.com/business/energy/iea-forecasts-global-oil-demand-growth-slow-650000-bpd-remainder-2025-2025-05-15/>

US suspends nuclear equipment exports to China amid trade war escalation ET Energy World June 7,2025

The US in recent days suspended licenses for nuclear equipment suppliers to sell to China's power plants. Nuclear equipment suppliers are among a wide range of companies whose sales have been restricted over the past two weeks as the US-China trade war shifted from negotiating tariffs to throttling each other's supply chains.

Read more at:

https://energy.economictimes.indiatimes.com/news/power/us-suspends-nuclear-equipment-exports-to-china-amid-trade-war-escalation/121689541?utm_source=top_story&utm_medium=homepage

Meta signs power agreement with Constellation nuclear plant The Hindu June 4,2025

Meta Platforms on Tuesday said it has struck an agreement with Constellation Energy to keep one of the utility's reactors in Illinois operating for 20 years, in the Big Tech company's first such deal with a nuclear power plant. Big Tech companies are looking to secure electricity as US power demand rises for the first time in two decades on demand from artificial intelligence and data centers. The deal could serve as a model for other Big Tech companies to support existing nuclear while they also plan to power data centers with new nuclear and other energy sources.

Read more at:

<https://www.thehindu.com/sci-tech/technology/meta-becomes-the-latest-big-tech-company-turning-to-nuclear-power-for-ai-needs/article69655259.ece>

Tech giants' indirect emissions rose 150% in three years as AI expands, UN agency says The Hindu June 6,2025

Indirect carbon emissions from the operations of four of the leading AI-focused tech companies rose on average by 150% from 2020-2023, a United Nations report said. The use of artificial intelligence by Amazon, Microsoft, Alphabet and Meta drove up their global indirect emissions because of the vast amounts of energy required to power data centres, the report by the International Telecommunication Union (ITU), the U.N. agency for digital technologies, said.

Read more at:

<https://www.thehindu.com/sci-tech/technology/tech-giants-indirect-emissions-rose-150-in-three-years-as-ai-expands-un-agency-says/article69663619.ece>

CII Report Watch

- CII unveiled a theme paper on *Protecting The Future of Energy-Cybersecurity & Privacy in Smart Metering Infrastructure*. The paper highlights the risks associated with data collection, transmission and storage in the smart metering ecosystem. It proposes a multi-layered framework for data protection and recommends encryption standards, consumer consent protocols, access control mechanisms, and alignment with the Digital Personal Data Protection Act, 2023.

The report draws on the best global practices and is intended to guide utilities and policymakers in building secure and privacy-compliant infrastructure.

The **key recommendations** of the paper are as follows:

- ❖ Investment in robust communication infrastructure such as LPWAN, NB-IoT, 5G to ensure uninterrupted smart meter connectivity and the need to develop smart meters with enhanced functionalities like AI-based analytics and remote-control features.
- ❖ An oversight mechanism to conduct regular audits and obtain necessary clearances from regulatory bodies to ensure adherence to national standards.
- ❖ Developing cost-effective solutions to ensure widespread adoption across different market segments.
- ❖ Financial incentives for deployment of dedicated resources for implementing data privacy controls need to be devised.
- ❖ It proposes developing user-friendly apps and dashboards to provide real-time energy usage insights.
- ❖ The paper also recommends compliance with national and international standards for data privacy and cybersecurity to establish comprehensive cybersecurity protocols for critical infrastructure has been highlighted. Smart metering systems must comply with the Indian Cyber Crime Coordination Centre (I4C) guidelines and international standards such as ISO/IEC27001 and NIST Cybersecurity Framework.
- ❖ Utilities can leverage from best global practices which require utilities to actively engage with customers and educate them about types of data collected, and the security measures in place regarding privacy of their customers.
- ❖ To ensure successful implementation, India can integrate these global practices into its smart meter policies, under NSGM and RDSS, while also leveraging the Digital Personal Data Protection Act. Addressing the diverse needs of urban and rural areas

with customized encryption, authentication, and privacy measures, along with consumer education, will strengthen the overall system. States, like Bihar, Uttar Pradesh, West Bengal, Gujarat and Karnataka, can serve as pilot regions to set the stage for nationwide adoption, while learning from the UK's encryption, Germany's access controls, and the EU's privacy standards to build a resilient, trusted smart grid ecosystem.



Global Report Watch



The IEA's *World Energy Investment* report, 2025, now in its 10th edition, provides a comprehensive analysis of global energy investment trends in 2024 and a preliminary outlook for 2025. As a widely recognized benchmark, the report tracks capital flows across the entire energy sector—including fuels, power generation, critical minerals, energy efficiency, research and development, and energy finance. It offers insight into how investors are navigating a rapidly changing landscape shaped by evolving policies, economic conditions, and heightened energy security concerns. The report also identifies the key drivers of current investment decisions and highlights emerging trends and shifting priorities across the global energy system.

Read more at: <https://www.iea.org/reports/world-energy-investment-2025>

Policy Advocacy

CII's work in energy sector spans across power, energy infrastructure, renewable energy, hydrocarbon, bioenergy, and green hydrogen besides sustainable mobility. This month's energy diary lists the representations made to the Ministry of Power and the Ministry of Petroleum and Natural Gas. These representations are part of ongoing work at CII and are drafted after engagement with stakeholders. CII stands committed to facilitating policy for creating a robust energy sector.

Power

CII submitted following representations to the Ministry of Power on pressing industry issues:

- On the **Flexible Operation of Coal-Based Thermal Power Plants**, CII highlighted the technical and financial challenges associated with operating at 40 percent minimum load and ramp rates of 3 percent as mandated under the 2023 CEA regulation. The representation urged a reassessment based on pilot project outcomes and proposed a more feasible benchmark of 55 percent minimum load with ramp rates aligned to existing grid code provisions.
- On **Captive Generating Plants**, CII provided detailed suggestions to address procedural difficulties in verifying captive status, especially for plants and users located in different states. The representation recommended greater clarity on role of verifying authorities, subsidiary and holding company eligibility, and flexibility in the use of energy storage systems.

Meeting with Central Electricity Authority (CEA)

Following the submission of a representation on the definition of captive power generation, CII held a detailed meeting with the Central Electricity Authority. The discussions focused on industry concerns regarding procedural delays, lack of clarity on documentation, and the treatment of inter-state captive projects. CEA acknowledged the concerns raised and expressed a willingness to review the guidelines to better reflect practical challenges faced by industry stakeholders.

Bioenergy

Sector

- **Representation on Strengthening the Bioenergy Raw Material Supply Chain**

To develop a sustainable raw material supply chain in the bioenergy sector, CII recommended promoting alternative crops, revisiting feedstock import policies to enable cost-effective access, enhancing biomass supply chain

management via digital platforms, and building cross-industry collaboration for better feedstock utilization.

- **Representation on Promoting Current Biofuels**

CII suggested enabling wider ethanol use through E-20 and E-100 fuel adoption, securing stable grain-based ethanol feedstocks, expanding feedstock options like sweet sorghum, and exempting Sustainable Aviation Fuel used in ethanol from mandatory denaturants.

- **Promoting the Adoption of Future Biofuels**

To advance future biofuels in India, suggestions included ensuring equitable allocation of used cooking oil between SAF and biodiesel, expanding the use of waste feedstocks, and reclassifying 'C' molasses to lower ethanol's carbon footprint. Additional suggestions called for economic and regulatory incentives such as tariff reductions, subsidies, and export disincentives on sustainable feedstock. A robust certification and carbon accounting system through standardized Life Cycle Assessment and certification frameworks was also recommended.

- **Recommendations on Compressed Biogas (CBG)**

To strengthen India's Compressed Biogas (CBG) sector, it was suggested to extend financial support under the DPI scheme to include critical CBG infrastructure, and revise incentives for organic fertilizer by-products with tiered Market Development Assistance (MDA). Further, enhanced support for biomass aggregation and valorization of Solid Fermented Organic Manure (SFOM) was proposed, along with better alignment of timelines and subsidies under relevant government schemes to streamline implementation and boost sectoral growth.

- **Representation on Strengthening the Regulatory Framework for Carbon Credits in India**

To strengthen India's regulatory carbon credit market, CII recommended developing standardized methodologies and a centralized GHG emissions database for biofuels, creating sustained demand with dynamic floor pricing and safeguards against double counting, and aligning Indian credits with global standards under Article 6.2.

Upcoming Events

CII International Business Conclave on Green Hydrogen

19 June 2025

India has set an ambitious target to achieve net-zero emissions by 2070 and is actively implementing a range of policy measures and initiatives to accelerate renewable energy capacity.

The period 2025-26 will be a defining phase in India's green hydrogen roadmap as the country progresses toward its goal of producing 5 million tonnes of green hydrogen annually by 2030, supported by an estimated 125 GW of associated renewable energy capacity. With strong policy backing, technological advancements, and significant investments, India is well-positioned to emerge as a global leader in the hydrogen revolution.

This conclave aims to leverage the vast potential of green hydrogen to drive energy security, economic resilience and supply chain stability. It will serve as a platform to foster strategic partnerships across governments (G2G), businesses (B2B), and public-private collaborations (B2G) while promoting actionable solutions for a cleaner, more sustainable future.

For further details please visit

<https://cam.mycii.in/OR/EventDetailOR.html?id=E000070155>

- Highlighting investment opportunities across renewable energy value chains
- Exploring pathways to develop resilient and self-reliant supply chains
- Strengthening international collaboration to drive innovation, trade, and economies of scale



For further details please visit

<https://www.ciire.in/about.php>

The 6th CII International Energy Conference & Exhibition (IECE)

September 17-18

The 6th CII International Energy Conference & Exhibition (IECE) titled 'Driving Energy Transition: Solutions for a Net-Zero World' is scheduled on 17-18 September. It aims to convene global policymakers, industry, researchers, and innovators to explore scalable, sustainable solutions for achieving net-zero goals. IECE will provide a unique platform for stakeholders to Engage in transformative dialogues, Energize clean energy ecosystems, and Empower communities to accelerate global transition to net zero. The event aims to convene global policymakers, industry, researchers, and innovators to explore scalable, sustainable solutions for achieving net-zero goals.

IECE will provide a unique platform for stakeholders to **Engage** in transformative dialogues, **Energize** clean energy ecosystems, and **Empower** communities to accelerate global transition to net zero.

- Facilitating global dialogue on energy transitions aligned with net-zero ambitions
- Integrating global energy transition solutions into India's industry practices
- Showcasing cutting-edge technologies and solutions for clean energy adoption

Mapping India's Energy Transition

CII "Dashboard on Energy Transition Investment Monitor" (ETIM) an analytics platform that tracks over 900 renewable energy projects across India, was launched by Shri R.K. Singh, Union Minister for New & Renewable Energy and Power, on 15 September 2023 at the 4th International Conference & Exhibition on Clean Energy in New Delhi. The platform consolidates publicly available data, validated by companies, to offer a centralized view of India's renewable energy project pipeline. It spans both energy services and technology supply chains. Regular updates ensure it remains current and relevant for policymakers, investors, and industry players.

India is well-positioned to become a global leader in renewable energy innovation and manufacturing. Strengthening domestic supply chains can reduce import dependence and boost resilience. Moreover, local manufacturing and R&D are key to making green technologies more affordable and accessible. Data platforms such as the Energy Transition Monitor support informed dialogue with transparent, independent data. This initiative is a key step toward achieving India's climate and energy security goals, while reinforcing its role in the global clean energy landscape.

To read more about ETIM please visit:

<https://etim-india.com/>

Coalition on Future Mobility

The Confederation of Indian Industry on May 29, 2025 launched a Coalition on Future Mobility during its Annual Business Summit in New Delhi. The Coalition was launched by Mr R Dinesh, Chairman CII Coalition on Future Mobility and Co-chair Mr Satyakant Arya. Ms Anjali Singh, executive chairperson, Anand group will also be co-chairing the group. The Coalition will work towards integrating the various aspects of the mobility ecosystem and follow the vision of clean and sustainable mobility solutions that help in bringing down logistics costs and emissions, reduce fossil fuel dependency and ensure an efficient, future-ready mobility network.

The Coalition takes cue from Prime Minister Narendra Modi's vision of 7Cs [Common, Connected, Convenient, Congestion-free, charged (electric) Clean and Connecting Edge]. The Coalition will coordinate efforts across sectors, adopt clean and efficient practices, promote innovation and use of technology, and streamline infrastructure development.

Portfolio of Services

The Energy Department at the Confederation of Indian Industry (CII) plays a pivotal role in engaging with both government and industry stakeholders across diverse segments of the energy ecosystem, including power, renewables, hydrocarbons, biofuels, green hydrogen, and sustainable mobility. Through a structured network of committees, sub-committees, and task forces, the department identifies sector-specific challenges and drives focused interventions to address them effectively.

CII's Energy Department fosters strong national and international collaboration, serving as a platform for dialogue, knowledge exchange, and strategic partnerships. It regularly develops reports, theme papers, and policy representations that contribute to thought leadership and informed decision-making in the sector.

To keep pace with the rapidly evolving energy landscape, the department organizes high-impact conferences, summits, and seminars, facilitating strategic discussions and on-ground stakeholder engagement. In alignment with the Hon'ble Prime Minister's vision of *Viksit Bharat*, the department also supports international cooperation by coordinating with parent ministries and accompanying official delegations.

Through its initiatives, the Energy Department at CII acts as a catalyst in advancing India's energy agenda and strengthening the Indian industry's role in the global economy.

To read more about our work please visit:

<https://www.ciire.in/index.php>

CII ENERGY DIARY

Powering Progress



Confederation of Indian Industry
JUNE, 2025

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