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Activities

First Meeting of CII National Committee on Hydrocarbon

The first meeting of the CII National Committee on Hydrocarbon 2025-26 was held on 4th August 2025 virtually. The meeting was led by **Dr Ranjit Rath**, Chairman, CII National Hydrocarbon Committee and Chairman and Managing Director of Oil India Limited, and co-led by **Ms Mansi Madan Tripathy**, Co-Chair, CII National Hydrocarbon Committee and Chairperson, Shell Group of Companies in India, and Senior Vice President, Shell Lubricants Asia Pacific. The meeting also saw participation from leading companies across the hydrocarbon value chain, including ONGC, ONGC Videsh, BPCL, HPCL, IOCL, BP Group, Cairn Oil and Gas, Exxon Mobil, etc.

Members deliberated on several key issues, including gas market reforms, decarbonization of refining operations, infrastructure and regulatory challenges, transparency in pricing reforms, and the need to integrate Compressed Biogas into the natural gas ecosystem. The committee outlined the upcoming activities of the year and the need for stronger engagement with state governments to address state-level issues in the sector.



Joining Online (L-R): **Dr Ranjit Rath**, Chair, CII National Committee on Hydrocarbons and Chairman and Managing Director, Oil India and **Ms Mansi Madan Tripathy**, Co-Chair, CII National Committee on Hydrocarbons and Chairperson, Shell Group of Companies in India and Senior VP of Shell Lubricants Asia Pacific

The Committee is a high-level platform that brings together senior representatives from industry, government, and regulatory bodies to deliberate on policy and operational challenges across the oil and gas value chain. The Committee advocates measures to enhance the ease of doing business in the E&P segment, boosting domestic production, strengthening infrastructure, including cross-country pipelines and CGD networks, and promoting gas as a key transition fuel.

First Meeting of CII National Coalition on Future Mobility

The CII National Coalition on Future Mobility was launched on 29 May 2025 during the Annual Business Session. The Coalition brings together the entire mobility ecosystem under one umbrella and adopts a holistic approach towards shaping the future of mobility.



(From L-R) **Mr. Satyakam Arya**, Co-Chairperson, CII National Coalition on Future Mobility; **Mr R Dinesh**, Chairperson, CII National Coalition on Future Mobility; **Ms Soma Banerjee**, Deputy Director General, CII

The first meeting of the CII National Coalition on Future Mobility was held on 11 August 2025 in Mumbai. It was chaired by **Mr R Dinesh**, Chairperson, CII National Coalition on Future Mobility and Executive Chairman, TVS Supply Chain Solutions, and **Mr Satyakam Arya**, Co-Chairperson, CII National Coalition on Future Mobility and Managing Director & CEO, Daimler India Commercial Vehicles.

Members unanimously agreed to focus on addressing fundamental challenges in the mobility sector, while also deliberating on enhancing efficiency, policies and processes, and infrastructure.

First Meeting of CII National Council on Energy Transition and Green Hydrogen

The CII National Council on Energy Transition & Hydrogen, an apex body, brings together key stakeholders across different sectors to deliberate on aligning strategies to national goals, while ensuring socio-economic development and workforce readiness. The Council engages across sectors to understand their specific needs and challenges in decarbonizing their energy requirement and is working on developing a roadmap.

The First Meeting of the CII National Council on Energy Transition & Green Hydrogen was held on 13 August 2025 at New Delhi. The meeting was chaired by Mr **Mr Sumant Sinha**, Chairman, CII National Council on Energy Transition & Hydrogen and Chairman & CEO, Renew and **Mr Vineet Mittal**, Co-chairman, CII National Council on Energy Transition & Hydrogen and Chairman Avaada Group.



(Top L-R): **Mr Sumant Sinha**, Chairman, CII National Council on Energy Transition & Hydrogen, **Ms Soma Banerjee**, Deputy Director General, CII; Members joining in person
Bottom(L-R): **Mr Vineet Mittal**, Co-Chairman, CII National Council on Energy Transition & Hydrogen, **Mr Ravi Pandit**, Chairman of the Board, KPIT Technologies and **Mr Derek M Shah**, Senior Vice President – Green Manufacturing & Integrated Development, Larsen & Toubro

Decarbonization and adoption of Green Hydrogen being the primary objective of the Council, it was noted during the meeting that various sectors would have different pathways and thereby timeline for decarbonization. The meeting focused on developing a robust green hydrogen economy, building energy transition pathways and financing required for the transition.

First Meeting of CII National Committee on Nuclear Power

The first meeting of the newly formed nuclear committee led by **Mr Anil Sardana**, Chairman, CII Committee on Nuclear Power & Managing Director, Adani Energy Solutions & Thermal Power was held on August 22nd, 2025, in virtual mode.

The members emphasized the need to have India's nuclear capacity increase significantly beyond the 100 GW target for 2047 to achieve decarbonization goals, noting that the Ministry of Shipping alone plans to run 7,500 vessels on nuclear power. Challenges include fuel supply, investment needs, aligning regulatory frameworks with global standards and addressing limitations of current PHWR technology. Members discussed technical challenges, safety issues, regulatory frameworks, and financing needs while agreeing to develop both short-term and long-term

strategies focusing initially on proven technologies before exploring options like small modular reactors.



Joining Online (L-R): **Mr Anil Sardana**, Chairman, CII Committee on Nuclear Power & Managing Director, Adani Energy Solutions & Thermal Power, **Dr K.N. Vyas**, Former Chairman of Atomic Energy Commission (AEC) and Ex-Secretary, Department of Atomic Energy and **Mr Prasenjit Pal**, Executive Director & Head of Nuclear Wing, NTPC and CEO NTPC Parmanu Urja Ltd, attending the first meeting of CII National Committee on Nuclear Power

The committee proposed creating specialized working groups to address regulatory amendments, skill development, technology integration, and advocacy with government authorities to help achieve India's ambitious target of 100 GW of nuclear capacity by 2047.

CEOs Interaction with Hon'ble Members of Parliament

India's electricity sector faces complex challenges due to overlapping responsibilities between the Centre and states. Discoms suffer from poor financial health, with dues reaching ₹67,502.11 crore in February 2025. Regulatory delays and infrequent tariff revisions weaken governance. Infrastructure gaps and grid issues also hamper renewable integration. A CEO interaction with Hon'ble Members of Parliament was held to discuss the challenges and way forward on August 20, 2025 at New Delhi.



CEOs Interaction with Members of Parliament on the challenges in Power and Renewable Energy Sector. Sixteen **Hon'ble Members of Parliament** representing seven parties and nine states, attended the interaction that was chaired by **Dr Praveer Sinha**, Chairman, CII National Committee on Power, along with **Mr Rajiv Ranjan Mishra**, co-chairman, CII National Committee on Power

Sectoral News

INDIA

[Govt finalising legislation to protect power systems from cyber-attacks: MoS Shripad Naik](#)

ET Energy | August 11, 2025

The Central Electricity Authority is in the process of finalizing the Central Electricity Authority (Cyber Security in Power Sector) Regulations, the Minister of State (MoS) for Power Shripad Naik said in a reply to the Rajya Sabha.

Read more at:

https://energy.economictimes.indiatimes.com/news/power/govt-finalising-legislation-to-protect-power-systems-from-cyber-attacks-mos-shripad-naik/123235826?utm_source=category_listing&utm_medium=sectionListing

[Biomass co-firing by thermal plants saves over 35 lakh MT CO₂, stubble burning in Punjab down 80%](#)

ET Energy World | 11 August 2025

As of mid-2025, 11 thermal power plants (TPPs) in the National Capital Region (NCR) and 71 nationwide have adopted biomass co-firing, resulting in savings of 25.79 lakh MT CO₂ in NCR and 34.77 lakh MT across the country.

Read more at:

https://energy.economictimes.indiatimes.com/news/renewable/biomass-co-firing-by-thermal-plants-saves-over-35-lakh-mt-co-stubble-burning-in-punjab-down-80/123235090?utm_source=most_read&utm_medium=sectionListing

[Clear directives, data visibility crucial for smart meter success: CII poll](#)

The Business Standard | 17 August, 2025

A CII poll says smart meter roll-out faces challenges of legacy infrastructure, poor connectivity and low consumer engagement, stressing clear guidelines and transparent billing

Read more at:

https://www.business-standard.com/industry/news/cii-poll-says-clear-guidelines-and-data-transparency-key-to-smart-meters-125081700758_1.html

[Rooftop Solar Installations Seen Doubling to 4 million by March'26 on PM Surya Ghar Boost](#)

The Economic Times | 19 August 2025

The government expects rooftop solar installations to more than double to 4 million by March 2026, supported by the recently introduced utility-led aggregation model under the PM Surya Ghar Muft Bijli Yojna. The target is part of broader aim to install 10 million rooftop solar units by March 2027.

Read more at:

<https://economictimes.indiatimes.com/industry/renewables/rooftop-solar-installations-seen-doubling-to-4-mn-by-march-2026-on-pm-surya-ghar-boost/articleshow/123370814.cms>

[Gasification Tech a Mismatch for India's High Ash Content Coal: Niti](#)

The Economic Times | 21 August 2025

The Niti Aayog has flagged the issue of incompatible gasification technology for the high ash content coal available in India. The think tank will soon hold discussions with stakeholder ministries as well as domestic and international experts to select the technology best suited for gasification of Indian coal to support commercial scale and viable deployment.

Read more at:

<https://economictimes.indiatimes.com/industry/indl-goods/svs/metals-mining/gasification-tech-a-mismatch-for-indias-high-ash-content-coal-niti/articleshow/123418308.cms>

News In Focus

In a **landmark achievement** under the National Green Hydrogen Mission, SECI's (Solar Energy Corporation of India) **first-ever auction for procurement of Green Ammonia under the SIGHT Scheme (Mode-2A)** has achieved a **record low price discovery of ₹55.75/kg**. This **milestone reflects the forward-looking policy regime** and the **resolute commitment** of the Indian industry to **accelerate the green hydrogen and green ammonia economy**. The auction, which will **supply 75,000 MT per annum of Green Ammonia to Paradeep Phosphates Limited**, Odisha, is the first in a series of 13 auctions aggregating 7.24 lakh MT/year. The price discovery marks a significant drop from earlier global benchmarks.

Sectoral News

WORLD

[NASA to build nuclear reactor on Moon 2030: What is behind the ambitious plan?](#)

[The Times of India | August 9, 2025](#)

NASA plans to establish a continuous lunar presence by 2030 with a nuclear reactor, crucial for powering habitats and operations during long lunar nights.

Read more at:

<https://timesofindia.indiatimes.com/science/nasa-to-build-nuclear-reactor-on-moon-by-2030-what-is-behind-the-ambitious-plan/articleshow/123206090.cms#:~:text=NASA%20plans%20to%20establish%20a%20continuous%20lunar%20presence,the%20limitations%20of%20solar%20po>

[“A Global Hub for Export”: India eyes 10% share of global green hydrogen demand by 2030 ; 862,000 tonnes of production allocated across 19 firms](#)

[The Times of India | August 20, 2025](#)

India aims to capture 10% of the global green hydrogen demand by 2030, with significant progress made through the National green Hydrogen Mission.

Read more at:

<https://timesofindia.indiatimes.com/business/india-business/substantial-progress-india-eyes-10-share-of-global-green-hydrogen-demand-by-2030-862000-tonnes-of-production-allocated-across-19-firms/articleshow/123400868.cms>

[PFC signs €150 million loan agreement with Germany’s KfW to fund distribution reforms under RDSS](#)

[ET Energy World | August 22, 2025](#)

The proceeds will be utilised for projects aimed at improving the operational and financial efficiency of power distribution companies across the country.

Read more at:

https://energy.economictimes.indiatimes.com/news/power/pfc-signs-150-million-loan-agreement-with-germanys-kfw-to-fund-distribution-reforms-under-rdss/123444278?utm_source=newslisting&utm_medium=latestNews

[India, Japan strengthen energy cooperation through ministerial dialogue](#)

[PTI | August 25, 2025](#)

India and Japan have agreed to broaden their collaboration in the energy sector focusing on carbon capture, green chemicals, and biofuels.

Read more at:

https://energy.economictimes.indiatimes.com/news/oil-and-gas/india-japan-strengthen-energy-cooperation-through-ministerial-dialogue/123507010?utm_source=newslisting&utm_medium=latestNews

[China coal power surges even as renewables hit record high](#)

[ET Energy World | August 25, 2025](#)

China’s coal power witnessed a surge in the first half of the year. This happened despite the country adding record clean energy capacity. New coal projects construction also began or restarted. Coal has been a pivotal energy source in China for decades

Read more at:

https://energy.economictimes.indiatimes.com/news/power/china-coal-power-surges-even-as-renewables-hit-record-high/123493167?utm_source=newslisting&utm_medium=latestNews

[Oil eases after hitting over two-week high on Russia supply risks](#)

[Reuters | August 26, 2025](#)

Oil prices edged down on August 26 after surging nearly 2% in the previous session, with traders keeping a close eye on developments surrounding the Ukraine war that could disrupt Russian fuel supplies. Brent crude fell 37 cents, or 0.5%, to \$68.43 per barrel at 0658 GMT, while West Texas Intermediate (WTI) crude also lost 40 cents, or 0.6%, to \$64.40 per barrel.

Read more at:

<https://www.reuters.com/world/middle-east/oil-eases-after-hitting-over-two-week-high-russia-supply-risks-2025-08-26/>

CII Survey Watch

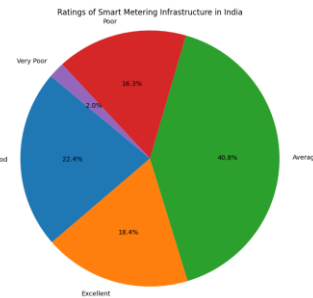
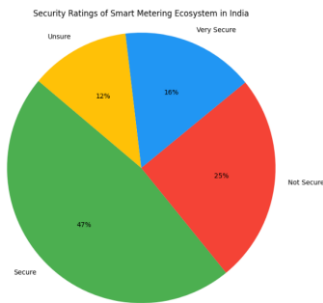
A CII Poll on Roll-out of Smart Metering in India revealed an optimistic view around smart meters and its usage in India. The respondents suggested mandating smart meter rollouts through clear regulatory directives and empowering consumers with data visibility, accurate billing, and prompt grievance redressal.

The findings are based on the responses received from a poll conducted among the participants of 3rd CII Smart Meter Conference held on May 6, 2025. The poll explores various aspects of smart meter projects, infrastructure, challenges, consumer awareness

While most people term the current state of smart metering infrastructure in India as being average, **41% respondents have a positive view**. Some of the key challenges identified include outdated utility infrastructure leading to interoperability and data management issues, unreliable connectivity in remote areas, regulatory hurdles, slow and cumbersome procurement process, and low levels of awareness about billing and privacy concerns, necessitating focused outreach and awareness efforts.

Poll suggests the following as **key areas of improvement** for accelerating smart metering adoption in India:

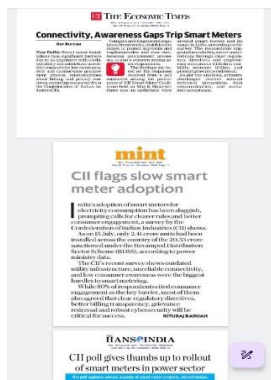
- ❖ Consumer Awareness and Engagement
- ❖ Policy Support and Regulatory Clarity
- ❖ Infrastructure Readiness and Interoperability
- ❖ Cybersecurity and Data Protection
- ❖ Workforce Upskilling and Utility Alignment
- ❖ Innovative Financial and Technical Models



Current State of Smart Metering Infrastructure in India

Responses on data security ecosystem and cybersecurity

CII Survey in Media

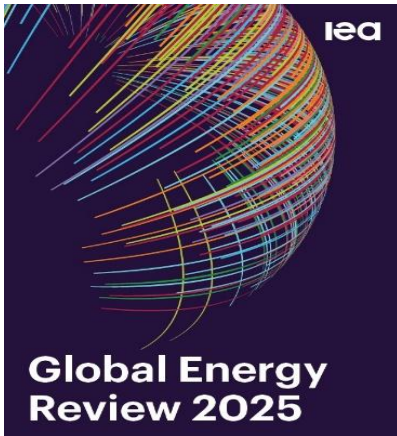


Read more at:

https://www.linkedin.com/posts/cii-energyandinfra_cii-smart-metering-poll-activity-7363172633418334208-Qm8W?utm_source=share&utm_medium=member_desktop&rcm=ACoA AD30xscB9aVHIJBqnrhFwDI8CYcE9z7VRc

Global Report Watch

IEA Global Energy Review 2025



Global Energy Review 2025 presents a comprehensive overview of energy trends worldwide, covering all fuels, technologies, regions, and major countries, along with CO₂ emissions. In 2024, global energy demand grew faster than average, with increased use of oil, gas, coal, renewables, and nuclear power. The power sector led this surge, driven by rising electricity demand which was nearly double the pace of overall energy growth fueled by greater cooling needs, industrial consumption, transport electrification, and the expansion of data centers and AI. However, the energy intensity improvements have continued to slow.

- ❖ **Global energy demand grew by 2.2%**, exceeding the decade's average.
- ❖ **Emerging and developing economies** accounted for **over 80%** of the global demand increase.
- ❖ **Advanced economies** saw demand **rise by** nearly 1%, reversing a multi-year decline.
- ❖ Oil demand growth slowed, and **oil's share of total energy demand fell** below 30% for the first time.
- ❖ **Natural gas** had the **strongest growth** among fossil fuels.
- ❖ **Coal demand** rose by 1%.
- ❖ Electricity consumption increased by ~1,100 TWh, more than double the average annual growth of the past decade.
- ❖ Growth in electricity demand was driven by increased cooling needs (due to extreme temperatures), higher **industrial use, transport electrification** and expansion of **data centres and AI**.
- ❖ **Renewables and nuclear** provide **80%** of electricity generation growth. Over **7 GW** of new **nuclear capacity** was added recording a 33% increase from 2023.
- ❖ Energy intensity improvements (**energy efficiency**) continued to **slow**

Read more at: <https://www.iea.org/reports/global-energy-review-2025?pubDate=20250329>

Policy Advocacy

CII Recommendations on Unlocking the Potential of Wastelands in Setting Up Compressed Biogas (CBG) Plants in Uttar Pradesh

With one of the largest shares of wastelands in India, Uttar Pradesh holds significant potential to scale up CBG capacity by integrating biofuel production with energy crop cultivation on such land.

CII recommended setting up integrated CBG plants, which will not only produce clean energy but also generate rural employment, create additional lease income for the state, improve soil health through Fermented Organic Manure (FOM), and reduce dependence on chemical fertilizers and imported fossil fuels.

CII Recommendations on Setting Up Compressed Biogas (CBG) Projects in Maharashtra – Unlocking the Potential of Wastelands for Green Growth and Rural Prosperity

Maharashtra, with its progressive industrial ecosystem and availability of underutilized wastelands, presents a significant opportunity for scaling up the bioenergy sector, particularly through the establishment of integrated Compressed Biogas (CBG) plants supported by energy crop cultivation. CII recommends:

- **Single Window Clearance for CBG Projects:** A dedicated, time-bound single-window mechanism (on the lines of MIDC) is requested to facilitate timely approvals from departments such as Town Planning, Revenue, Factory Inspectorate, Fire, MPCB, and Panchayat bodies.
- **Exemption from Royalty on Soil Excavation:** Request to waive royalty for soil excavation on project land to reduce initial CAPEX and speed up construction timelines.
- **Incentives worth Rs 85 crores** are proposed for setting up CBG plants (for land availability, power subsidy, infrastructure support, etc.) This is expected to provide a net benefit of Rs 199 crores.

Upcoming Events

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

September 22-23

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.
- ❖ 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>

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 please visit:

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

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.cirre.in/index.php>

<https://www.cii.in>

ENERGY DIARY

AUGUST 2025



Confederation of Indian Industry

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