



**Research Unit**  
Press Information Bureau  
Government of India

## India Energy Week 2025

Driving Global Energy Innovation and Collaboration for a Sustainable Future

Ministry of Petroleum & Natural Gas

February 17, 2025

*India is driving not only its growth but also the growth of the world, with the energy sector playing a significant role.*

-Prime Minister Shri Narendra Modi

### A Global Energy Confluence

India Energy Week (IEW) 2025, held from **February 11 to 14, 2025**, at the **Yashobhoomi Convention Centre, New Delhi**, is a premier global event in the energy sector. The event **held under the patronage of the Ministry of Petroleum and Natural Gas** and **organized by the Federation of Indian Petroleum Industry (FIPI)** has grown into the **world's second-largest energy conference**.



## A Hub of Innovation and Transformation

The India Energy Week exhibition has grown exponentially to become the world's new meeting place for energy professionals, with millions of dollars of business conducted onsite, positioning it at the very heart of international business.

A key facilitator of dialogue between international and regional producers, the event provides international exhibitors with the opportunity to network with key buyers from over 120 countries across the full energy value chain. Exhibitors will have the opportunity to showcase cutting-edge technologies that drive sustainable energy solutions, forge strategic partnerships, and explore opportunities to shape the future of energy.

## Defining Achievements of IEW 2025

**70K+**

energy professionals  
attended

**700+**

exhibiting companies  
showcased innovations

**120+**

countries participated,  
highlighting global interest

**95+**

conference sessions covered  
sustainability and energy  
transition

**6K+**

conference delegates engaged  
in discussions

**500+**

speakers shared insights on  
energy trends

## Key Focus Areas of IEW 2025

- **Energy Transition & Green Future:** Major focus on biofuels, flex-fuel vehicles, ethanol blending, and green hydrogen. India is steadily progressing toward its goal of producing 5 million metric tons (MMT) of green hydrogen annually by 2030.
- **Exploration & Production (E&P) Reforms:** Launch of Open Acreage Licensing Program (OALP) Round X, covering 200,000 sq. km, along with regulatory changes to boost investment in oil and gas exploration.
- **India-US Energy Cooperation:** Strengthening LNG supply partnerships and increasing natural gas consumption in India's energy mix from **6% to 15%**.
- **Global Energy Investments:** Expanding investments in oil and gas assets across Brazil, Venezuela, Russia, and Mozambique while benefiting from emerging oil sources.
- **Startup & Innovation Recognition:** The Avinya'25 – Energy Startup Challenge, led by the Ministry of Petroleum and Natural Gas, awarded innovative startups for breakthroughs in CO<sub>2</sub> capture, ESG solutions, and renewable energy. The Vasudha – Oil and Gas Startup Challenge recognized overseas startups revolutionizing the upstream oil and gas sector with AI-driven solutions.

## Navigating the Nine Thematic Zones

IEW 2025 introduced **nine thematic zones**, each focusing on different aspects of the energy sector:

1. **Hydrogen Zone** – Hosted by **Oil India Limited**, showcasing cutting-edge innovations in hydrogen fuel generation.
2. **Biofuels Zone** – Highlighting India's advancements in **Biodiesel, Bioethanol, Compressed Biogas, and Sustainable Aviation Fuel**.
3. **Renewable Energy Zone** – Featuring innovations in **solar, wind, and other renewable energy technologies**.
4. **LNG EcoSystem** – Hosted by **Petronet LNG**, focusing on India's downstream LNG supply chain and eco-friendly fuel solutions.
5. **Make in India Zone** – Hosted by **Engineers India Limited**, highlighting indigenous energy manufacturing capabilities.
6. **City Gas Distribution Zone** – Hosted by **GAIL**, emphasizing India's **rapid progress towards a gas-based economy**.
7. **Petrochem Zone** – Hosted by **ONGC**, showcasing advancements in petrochemical technologies and sustainable solutions.
8. **Innovation Zone** – Featuring **emerging startups** and breakthrough technologies in energy.
9. **Digitalisation Zone** – Showcasing **AI, IoT, and automation** in optimizing energy production and distribution.



HYDROGEN ZONE



BIOFUELS ZONE



RENEWABLE ENERGY ZONE



LNG ECOSYSTEM ZONE



MAKE IN INDIA ZONE



CITY GAS DISTRIBUTION ZONE



PETROCHEM ZONE



INDIA NET-ZERO ZONE



DIGITALISATION & AI ZONE

## India: The Rising Energy Powerhouse

India, the world's third-largest energy consumer, is poised for the highest energy demand growth. Under **PM Narendra Modi's leadership**, the nation is advancing towards a greener future with significant investments in secure, sustainable, and affordable energy. **India Energy Week 2025** will serve as a key platform for global collaboration, driving discussions on energy security, innovation, and sustainability.

## A dynamic energy landscape



**Global consumption** to increase from 7% to 13-14% by 2050



**Oil demand** to grow from 236.9 Mtoe (2022) to 451.9 Mtoe (2050)



**4th largest** importer of liquefied natural gas



**35-40 GW** of renewable energy to be added annually



**India is set to be the 3rd** largest economy by 2030



**Natural gas consumption** to grow by 25 BCM with a 9% annual growth rate until 2024

## India's Path to Sustainability

As a rapidly advancing **economic powerhouse**, India faces the twin challenge of **surging energy demand** while mitigating its **carbon footprint**. In response, **Hon'ble Prime Minister Shri Narendra Modi** launched the concept of “**Panchamrit**” at **COP 26**, representing a blend of five essential elements. “Panchamrit” underscores India's commitment to **addressing climate change and fostering sustainable growth** on a global scale.

### Panchamrit: India's Five Point Pledge Towards Climate Change

1. **India will take its non-fossil** energy capacity to 500 GW by 2030
2. **By 2030, India will reduce** the carbon intensity of its economy by less than 45%
3. **India will meet 50%** of its energy requirements from renewable energy by 2030
4. **By the year 2070**, India will achieve target of net-zero
5. **India will reduce** the total projected carbon emissions by one billion tonnes till 2030

## Conclusion

India Energy Week 2025 serves as a pivotal platform for global energy stakeholders to exchange ideas, foster partnerships, and witness India's leadership in energy transition. As Shri Pankaj Jain, Secretary, Ministry of Petroleum and Natural Gas, highlighted, IEW 2025 will act as a catalyst for groundbreaking projects in **green hydrogen, solar advancements, and exploration technologies**, reinforcing India's commitment to

**sustainability and innovation.** With a focus on **transformative collaboration and investment**, the event will shape the global energy agenda, positioning India at the forefront of **energy security, technological progress, and a sustainable future.**

### **References**

- ❖ <https://www.indiaenergyweek.com/event/2025/why-india->
- ❖ <https://pib.gov.in/PressReleasePage.aspx?PRID=2092524>
- ❖ <https://www.indiaenergyweek.com/event/2025/about-the-exhibition>
- ❖ <https://pib.gov.in/PressReleasePage.aspx?PRID=2102241>
- ❖ <https://pib.gov.in/PressReleasePage.aspx?PRID=2101769>
- ❖ <https://pib.gov.in/PressReleasePage.aspx?PRID=2103188>

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