



INDIA
ENERGY
F O R U M

25TH NATIONAL CONFERENCE ON **POWER**

SECURING RELIABLE POWER AND RESILIENT INFRASTRUCTURE FOR VIKSIT BHARAT

Wednesday, 9th December 2026
Desire Hall, Hotel Le Meridien, New Delhi

Knowledge Partner



BACKGROUND

INDIA ENERGY FORUM (IEF) is a non-profit professional think tank dedicated to the development of the energy sector in India. The FORUM is organizing its prestigious Annual event, 25th National Conference on the above mentioned theme on 9th December 2025 at Hotel Le Meridien, Janpath, New Delhi. Such previous conferences have had patronage and support of the Ministry of Power, and power sector organizations. The event is a rendez-vous of top level energy professionals. Last such conference was attended by over 200 professionals.

VIKSIT BHARAT @2047

Viksit Bharat @2047 is the Government of India's long-term national blueprint to transform the country into a fully developed, self-reliant, and globally competitive nation by 2047, marking the 100th anniversary of India's independence reaching a \$30 to \$40 trillion GDP with a high per capita income of about \$18,000. As the nation marches toward its goal of becoming a fully developed nation—Viksit Bharat—by 2047, the power sector serves as the bedrock of this transformation. Rapid industrialization, expanding urban landscapes, and rising living standards are driving an unprecedented surge in electricity demand. To sustain this economic momentum, India must successfully navigate a complex trilemma: ensuring absolute energy security, maintaining economic affordability, and fulfilling ambitious environmental sustainability commitments. Central Electricity Authority (CEA) and Ministry of Power project a required installed generation capacity of approximately 2,100 GW by 2047 to meet a forecasted 708 GW peak demand, representing a fourfold capacity increase. This target includes 1,200 GW of solar, 400 GW of wind, and 100 GW of nuclear power.

IMPERATIVES OF RENEWABLE ENERGY

While renewable energy capacity is scaling at a historic pace, the inherent intermittency of solar and wind power demands a robust supporting ecosystem. The Central Electricity Authority (CEA) underscores the need for a balanced approach. India must optimize its conventional thermal fleet through flexibility enhancements while simultaneously scaling up clean base-load alternatives like nuclear, large-scale hydro, and Pumped Storage Plants (PSPs). To bridge peak demand gaps, Battery Energy Storage Systems (BESS) and Green Hydrogen are transitioning into critical grid components. Furthermore, technologies like Carbon Capture, Utilization, and Storage (CCUS) and Advanced Ultra-Supercritical (AUSC) power generation will ensure that necessary fossil-fuel assets align with global climate targets.

MODERN MARKET STRUCTURE AND INNOVATIVE FINANCING

A modern energy mix demands equally modern market structures and massive financial mobilization. Transitioning India's power architecture requires trillions of dollars in capital. Traditional funding mechanisms cannot bear this load alone, especially given the long payback periods and utilization uncertainties of emerging technologies. The evolution of the Indian power market is, therefore, crucial. Enhancing market agility through Virtual Power Purchase Agreements (VPPAs), power derivatives, and robust ancillary services create the predictable revenue streams needed to attract global capital. Simultaneously, innovative financing instruments—such as green bonds, blended finance, and multilateral risk-mitigation facilities—must unlock new avenues of investment to make transition projects highly attractive to international asset managers.

DIGITALISING THE GRID

The final piece of the energy puzzle is the rapid digitalization of the grid. The next-generation power plant is no longer just a facility of steam, turbines and generators; it is an intelligent, data-driven ecosystem. Artificial Intelligence (AI) and Machine Learning (ML) are redefining utility operations through predictive maintenance, automated generation planning, and real-time operational optimization. Digital twins and Internet of Things (IoT) devices allow operators to simulate and manage complex grid behaviors under extreme conditions. However, deep digitalization increases exposure to digital vulnerabilities; Protecting critical energy infrastructure against sophisticated cyber threats is now a matter of national security, requiring ironclad cybersecurity frameworks, zero-trust architectures, and strict data governance protocols.

Securing Reliable Power and Resilient Infrastructure for Viksit Bharat involves complex challenges requiring coordinated efforts across all sectors; Conference will have presentations from Central Electricity Authority besides BHEL, L&T, Siemens, NTPC, GRID India, Greenko, IREDA, Power Grid, NHPC, THDC, Essar Power, Adani, BSES Rajdhani, and other Transmission and Distribution companies.

BDO is Knowledge Partner of our Conference who will present a theme paper.

The Forum's Response: Keeping these critical issues in mind, the **India Energy Forum** is organizing its annual flagship event, the **"National Conference on Power – Generation"** on **Wednesday, December 9, 2026**, at **Hotel Le Meridien, New Delhi**. Driven by the central theme, **"Securing Reliable Power and Resilient Infrastructure for Viksit Bharat,"** this conference will bring together top policymakers, industry leaders, and technology pioneers. Over three comprehensive panel sessions, attendees will deliberate on actionable strategies to engineer a balanced generation mix, reform power markets, unlock innovative financing, and secure next-generation digital power infrastructure—ultimately building a self-reliant, sustainable, and impenetrable energy foundation for India's future.

SUPPORT OPPORTUNITIES

Organizer will ensure full exposure to the supporters. Flexible opportunities for support are available as per following details:

Support Privileges	Diamond	Gold	Silver
Support Fee	Rs 5 Lakhs	Rs 3 Lakhs	Rs 2 Lakhs
1. Free delegates at Conference	7	5	3
2. Speaker Slot	✓	X	X
3. Corporate logo on the Event Website	✓	✓	✓
4. Full page Color advt. in the Conference Compendium	✓	✓	X
5. Acknowledgement at the Venue	✓	✓	✓
6. Promotional material in documentation pack	✓	✓	X
7. Prominent visibility through Co. Name and logo on The Sponsors panel	✓	✓	✓
8. Memento	✓	✓	✓

ADVERTISEMENT OPPORTUNITIES

A Compendium carrying Theme Paper of the Summit, Articles/Papers from Distinguished Speakers and other useful information shall be brought out to on the occasion. The Compendium will be released by the Chief Guest of the Conference. Compendium shall be widely circulated among the various energy experts and policy makers. Some pages of the Compendium are earmarked for advertisements.

Advertisement Tariff

Back Cover Rs. 1,00,000/-	Central Spread Rs. 1,00,000/-	Inside Front Cover Rs. 80,000/-	Inside Back Cover Rs. 60,000/-	Full Page (Colour) Rs. 50,000/-
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GST of 18% will be extra on the Sponsorship and Advertisement Fee

Special Incentives

Back Cover and Central Spread Advertisers will get two complementary delegates registrations for the **25th National Conference on Power** and other advertisers will get one complementary delegate registration.

Technical Specifications

Overall Size: A-4 **Print Area:** 18 cm × 23 cm • **Advertisement Material:** High Resolution PDF/CDR FILE

WHO CAN PARTICIPATE

Projects Developers	Government Policy-makers	Bankers and other Lenders	Energy Professionals
State Electricity Organisations	Equipment manufacturers & their Regulators Venders	Legal and Management Consultants	Other Intellectuals

INVITATION

We welcome you and your colleagues to the unique annual **25th National Conference on Power** to be held on **9th December 2026** in New Delhi. A nominal Registration fee of **Rs 5,000/- per delegate** will be charged. Two or more delegates from the same organization will be charged **Rs 4,000/- per delegate**.

ORGANISING COMMITTEE

- **Dr H L Bajaj**, Chairman, Power Group, IEF, Former Chairperson, CEA, Ex-Officio Secretary to the Govt of India - Chairman
- **Shri Praveen Gupta**, Member (Thermal), CEA - Member
- **Shri A Balan**, Member (Planning) Central Electricity Authority - Member
- **Shri V S Verma**, Chairman, Renewable Group, IEF, Former Member, CEA and CERC - Member
- **Shri I S Jha**, Chairman, Transmission & Distribution Group, IEF; Former, CMD, PGCIL - Member
- **Shri Arun Goyal**, Former Member, CERC - Member
- **Shri S K Soonee**, Former and Founder CEO, POSOCO - Member
- **Shri S C Sharma**, Convenor, Power Group, IEF, Former Director, THDC - Member
- **Shri S C Chetal**, Former Director, IGCAR - Member
- **Shri S M Mahajan**, Secretary General, India Energy Forum - Member
- **Dr Subir Sen**, Convenor, Transmission & Distribution Group, IEF; Former ED, PGCIL - Member

ABOUT INDIA ENERGY FORUM

India Energy Forum is a unique, independent, non-profit research organization and represents energy sector as a whole. It was set up in February 2001 and formally inaugurated in January 2002. The mission of IEF is to help evolve a National Energy Policy aimed at development of a sustainable and competitive energy sector in India. It is, probably, the only organization which championed the cause of TOTAL ENERGY – all forms of energy ranging from Coal, Power – Thermal & Hydro, Oil & Gas, Nuclear and Renewable from the beginning of its function. This feature of its functioning gave a distinctive advantage of taking an integrated look on the energy scene. In fact, IEF did frame an Energy Policy document which became an input to the Planning Commission's Integrated Energy Policy brought out in August 2006. Its membership includes all the key players of the energy sector both from private and public and over 140 highly respected energy experts.

The Forum has an MOU with International Solar Alliance to promote the development solar power projects not only in India but throughout the world.

Every year it organizes its flagship events on Power, Oil and Gas, Renewable Energy, Coal, and Nuclear Energy besides webinars which are organized almost every month.

It also organises "India Energy Debate" - a new monthly discussion to debate the critical issues of India's energy sector.

It publishes a monthly e-journal TOTAL ENERGY which provides authentic information on the whole energy sector at one source. It also brings out DAILY ENERGY NEWS REPORT.



For Further enquires and registration, please contact:

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India Energy Forum

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