Information Bulletin

National Conference on

Mitigating Challenges (Regulatory/Technical/ Financial) of Indian power Sector- Role of Young Professionals

Under the aegis of CIGRE NSC C5: Electricity Markets & Regulation

Date: 28th – 29th October 2026

Venue: CBIP Conference Hall, New Delhi

Organized by

cigre India

In association with

Central Board of Irrigation & Power
ESTD. 1927
New Delhi
ISO 9001:2015

Supported by

केविप्रा cea

ANNOUNCEMENT

CIGRE India in association with the Central Board of Irrigation & Power (CBIP) is organising a National Conference on “Mitigating Challenges in the Indian Power Sector – Regulatory, Technical & Financial Perspectives: Role of Young Professionals” on 28-29 October 2026, New Delhi. This conference is supported by Central Electricity Authority. This Conference is being organized under the aegis of CIGRE NSC C5: Electricity Markets & Regulation. The Conference will provide a platform for knowledge sharing, exchange of field experience, technical discussions, presentation of case studies and interaction between experienced professionals and the next generation of power-sector professionals.

BACKGROUND

The Indian power sector has evolved significantly over the past several decades and is presently at an important stage of transformation. The increasing share of renewable energy, expansion and modernisation of transmission networks, changing generation mix, development of energy storage, digitalisation of power systems and growing emphasis on reliability, flexibility and resilience are reshaping the sector.

At the same time, the sector is required to address a wide range of regulatory, technical and financial challenges. The evolving power-system architecture requires appropriate regulatory frameworks, efficient market mechanisms, coordinated planning and investment, advanced technologies and skilled human resources.

From the regulatory perspective, the sector is witnessing the need for frameworks that can effectively address the changing generation mix, renewable energy integration, grid flexibility, energy storage, power markets, open access, ancillary services, forecasting and scheduling, consumer participation and emerging business models. Effective coordination among regulators, utilities, system operators and other stakeholders is essential for achieving the desired outcomes.

From the technical perspective, increasing penetration of inverter-based renewable generation is bringing new challenges relating to grid stability, system strength, inertia, protection and control, power quality, forecasting, balancing, transmission planning, congestion management, energy storage and system restoration. Digital substations, advanced automation, artificial intelligence, synchrophasor technology, wide-area monitoring and advanced communication systems are becoming increasingly important.

The financial and commercial dimensions are equally important. Large-scale investment is required for generation, transmission, distribution, storage and digital infrastructure. Financial sustainability of utilities, cost recovery, tariff structures, market design, investment risks, project financing, revenue mechanisms and the economic implications of emerging technologies require careful consideration.

In view of these developments,, the role of Young Professionals assumes particular significance. The young generation entering the power sector today will be responsible for designing, operating, managing and transforming the power systems of the future. Their familiarity with emerging technologies, digital tools, data analytics and new approaches to problem-solving can complement the experience and institutional knowledge of senior professionals.

There is therefore a need to create greater opportunities for Young Professionals to learn from experienced experts, present their ideas and field experiences, engage in technical discussions and contribute to shaping the future direction of the power sector.

The Conference is conceived as a platform to facilitate this interaction and encourage Young Professionals to actively participate in discussions on the future of the Indian power sector.

ABOUT THE CONFERENCE

CIGRE India and CBIP have been actively contributing to the dissemination of knowledge and promotion of technical excellence in the Indian power sector through conferences, seminars, workshops, expert discussions and professional development programmes.

Continuing this initiative, CIGRE India in association with CBIP is organising this National Conference to bring together stakeholders from different segments of the power sector to deliberate upon the regulatory, technical and financial challenges confronting the sector and the possible pathways for addressing them.

The deliberations will cover both current challenges and future perspectives, with emphasis on practical and implementable approaches.

CALL FOR PAPERS, PRESENTATIONS & CASE STUDIES

CIGRE India and CBIP invite technical papers, presentations, innovative ideas and field-based case studies on the subject of the conference. Suggested areas for contributions include:

- Regulatory and policy challenges in the evolving power sector
- Renewable energy integration and grid flexibility
- Power-system planning and operation
- Transmission development and modernisation
- Protection, automation and control

- Grid stability and resilience
- Energy storage and emerging technologies
- Business models for deployment of new technologies
- Digitalisation and smart-grid technologies
- Artificial Intelligence and Machine Learning in the power sector
- Cybersecurity and communication systems
- Power markets and commercial mechanisms
- Models for harnessing Demand Response
- Financial sustainability and investment challenges
- Tariff, PPA and emerging commercial models
- Innovative financing for energy transition
- Start-up innovations and technology solutions
- Future skills and competencies required in the power sector
- Role of Young Professionals in energy transition
- Vision for the future Indian power sector

Special emphasis will be given to practical field experience, innovative solutions, real-life case studies, emerging technologies and contributions from Young Professionals.

Authors/organisations interested in contributing are requested to submit the title of the paper/presentation along with a brief abstract/summary to CBIP at the earliest. Selected contributions will be considered for presentation during the technical sessions of the Conference.

WHO SHOULD PARTICIPATE

The Conference will be of particular interest to:

Senior Executives | Young Professionals | Power Utilities | Generation Companies | Transmission & Distribution Utilities | System Operators | Renewable Energy Developers | Regulators | Equipment Manufacturers | Technology Providers | Consultants | Academicians | Researchers | Start-ups | Project Developers | Financial & Commercial Professionals | Power-System Specialists

CALL FOR PARTICIPATION

The Indian power sector is entering an era of rapid transformation. Successfully navigating this transition will require appropriate regulatory frameworks, sound technical solutions, sustainable financial models, innovation and, above all, skilled professionals capable of addressing tomorrow's challenges.

CIGRE India and CBIP invite power-sector professionals, organisations and particularly Young Professionals to participate in this National Conference, share their experience, present innovative solutions and contribute to the dialogue on the future of the Indian power sector.

Join us on 28-29 October 2026 at CBIP, New Delhi, and be part of the dialogue on building a resilient, sustainable, technologically advanced and financially viable Indian power sector.

LANGUAGE

The papers and presentations should be in English.

IMPORTANT DATE

Submission of Full-Length Paper / Presentation: 20 October 2026

Detailed programme, registration details and other information will be circulated separately.

Registration Fee

All those who wish to participate or present paper in the conference are expected to register in advance by sending the details through email to the organizers along with payment of registration fee as indicated under:

Details	Fees (per participant) (Indian Rs.)*
Non – Member fee	14,000
Discounted fee for members of CBIP / CIGRE	12,500

***GST @ 18% shall be charged extra.**

Please arrange to furnish the details like UTR, Organization name, etc. to CIGRE-India / CBIP Sectt. after making the online payment at the earliest possible.

The Registration fee covers the registration kit, tea/coffee/lunch during the conference. The Conference is non-residential. Participants will have to make their own arrangement for travel, boarding and lodging, etc.

PAYMENTS

GST @ 18% shall be charged extra. GST No. 07AAAAZ0260A1Z1

All payments be made through DD/ cheque at par in favour of "THE COMM FOR INTL CONF ON LHVES", Bank Name & Branch : Canara Bank, Delhi Diplomatic Enclave, Branch Address :7/48, Malcha Marg, Chanakyapuri, New Delhi-110021

Account No. : 0157101031491; IFSC code of branch : CNRB0000157;

Swift Code : CNRBINBBBFD; MICR No. : 110015007

VENUE and Date

The conference will be held on 28-29 October, 2026 at CBIP Conference Hall, New Delhi (Wednesday & Thursday). The conference timings will be 10.00 AM to 5.30 PM on both the days. The registration will start at 9.00 AM on 28th October 2026,

SPONSORSHIP OPPORTUNITIES

The Conference provides an effective opportunity for sponsoring companies to promote their products/services to a focused audience, besides networking with engineers of utility, manufacturers and academic institutions during tea/coffee and lunch intervals. Sponsors are assured of full visibility with printing of their names on proceedings, banners and other publicity material related to Conference and will have the privilege of distribution of their product's pamphlets/catalogues during the Conference. Sponsors will also have the privilege of sending delegates exempted from payment of registration fee as indicated hereunder:

Platinum Sponsor : Rs. 3,50,000/-	Gold Sponsor : Rs. 2,50,000/-	Silver sponsor : Rs. 1,50,000/-
• 10 delegate passes for participation in the Conference • Speaking Opportunity • Invitation to the key person of the organization as special invitee during Inaugural session • Circulation of Company Literature during the event • Company logo on main backdrop and other banners • Complimentary Advertisement in the Key Journal Published immediately after the event covering report of the event. • Announcement -Thanking sponsor	• 05 delegate passes for participation in the Conference • Company logo on main backdrop and other banners • Circulation of Company Literature during the event • Announcement - Thanking sponsor • Complimentary Adver-tisement in the Key Journal Published immediately after the event covering report of the event.	• 03 delegate passes for participation in the Conference • Company logo on main Backdrop • Announcement – Thanking sponsor

KEY CBIP OFFICIALS

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Shri Anoop Singh, *Director (Energy)*, CBIP
Shri Sanjeev Singh, *Principal Advisor (Energy)*, CBIP
Shri A. K. Srivastava, *Advisor* (*Energy*), CBIP

Address : Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi – 110021

National Conference on

Mitigating Challenges in the Indian Power Sector – Regulatory, Technical & Financial Perspectives: Role of Young Professionals

28-29 October 2026
CBIP, New Delhi

REGISTRATION FORM

(To be filled in block letters preferably)

Delegate _____
(Surname) (First Name)

Designation _____

Name of Organisation _____

Mailing Address _____

_____

City _____

State _____ PIN _____

Phone _____

E-mail _____

Dated_____ Signature_____

For more details please contact Event Secretariat

Address for Correspondence: Central Board of Irrigation and Power,
Malcha Marg, Chanakyapuri, New Delhi – 110021, Phone: 011-26115984/2687 6229/2688 0557
Website : www.cbip.org

Event Secretariat & Contact Person

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Note:

- Photocopies of the registration form can be used for additional requirements, if any.
- Spot registration facilities will also be available, provided the prior information is received.