

Conference on Protection and Control in Hybrid Generation Networks and Experience in Implementation of Digital Substation

Under the aegis of CIGRE NSC B5 Protection and Automation

Date: 24th –25th July 2025

Venue: CBIP Conference Hall, New Delhi



Organized by



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About the Conference

The Central Board of Irrigation & Power (CBIP) is pleased to announce a two-day Conference on “Protection and Control in Networks with Unconventional Sources and Experience in Implementation of Digital Substation” to be held on 24–25 July 2025 at CBIP Conference Hall, New Delhi.

The rapid integration of renewable and unconventional energy sources such as solar, wind, and hybrid systems, along with growing interest in digital substations, is transforming modern power systems. This brings both opportunities and challenges in terms of grid protection, stability, reliability, and operational efficiency.

The conference aims to provide a platform for utilities, manufacturers, policy-makers, and academia to share knowledge, practical experiences, and emerging solutions in the fields of power system protection, digital substations, and network control involving non-conventional energy sources.

Themes and Topics

Papers and presentations are invited on the following (but not limited to) topics:

- Protection schemes for networks with renewable energy integration
- Protection coordination challenges in hybrid networks
- Adaptive and wide-area protection systems
- Implementation experiences of IEC 61850-based Digital Substations
- Communication protocols and cybersecurity in digital substations
- Substation automation
- Role of PMUs and advanced sensors in modern protection systems
- Control strategies for inverter-based resources (IBRs)
- Case studies of protection failures and learnings
- Digital transformation in substation automation systems
- Testing and commissioning practices for digital substations
- Asset management and diagnostics using digital technologies
- R&M of Conventional Control & Protection System through Digital Sub-station

Who Should Attend

- State and Central Power utilities and grid operators
- Power System Operators
- Renewable Energy developers
- Substation and switchgear manufacturers
- Protection and automation professionals
- System integrators and consultants
- Researchers and academic professionals
- Regulatory and policy-making bodies

FACULTY - CALL FOR PAPERS

We encourage experts in the above areas to contribute to this important conversation and help shape the future of AI in the power and water industries. Eminent experts from Utilities, Manufacturing organizations and Academic field shall be drawn as faculty and have been invited to deliver expert lectures during the Conference. The professionals who desire to make presentations/case studies on the above subject are also welcomed.

TIME LINES

- Last date of receipt of full-length paper/PPT : 4th July 2025
- Intimation of acceptance of paper : 15th July 2025

REGISTRATION FEE

All those who wish to participate 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:

1. Non – Member fee is Rs. 12,000/- per participant

2. Discounted fee for Members of CBIP/CIGRE-India is Rs. 10,000/- per participant

3. Special Discounted fee for Students is Rs. 2,500/- per student

GST @ 18% shall be charged extra GST No. 07AAAJC0237F1ZU

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 arrangements for travel, boarding and lodging etc.

All payments be made through cheque at par in favour of "Central Board of Irrigation & Power", payable at Delhi or amount deposited/ transferred to :

HDFC Bank, CBIP A/c no. 00031110004411, MICR No. 110240001,

Swift Code : HDFCINBBDEL, IFSC: HDFC 0000003,

Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi.

After making of the payment online in respect of the event, the details like UTR/Organization name to be furnished immediately.

DATE AND VENUE

The conference will be held on 24–25 July 2025, 2025 (Thursday and Friday) at Conference Hall, CBIP, New Delhi.

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 24 July 2025.

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. Main banner and other publicity material related to conference and will have the privilege of distribution of their product's pamphlets/catalogues during the event. 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/-
<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 Advertisement in the Key Journal Published immediately after the event covering report of the event.	<ul style="list-style-type: none">• 03 delegate passes for participation in the Conference• Company logo on main Backdrop• Announcement – Thanking sponsor

CONFERENCE SECRETARIAT

Shri A.K. Dinkar, Secretary, CBIP

Shri Sanjeev Singh, Director (Energy), CBIP

Shri A.K. Srivastava, Advisor (Power), CBIP

Contact Person : Shri S.K. Batra, Consultant, CBIP – M : 9811943812, E-mail : batra@cbip.org

Central Board of Irrigation & Power (CBIP), Malcha Marg, Chanakyapuri, New Delhi -110 021

Phone: 011-26115984/ 26116567 E-mail: cbip@cbip.org

Note:

- Spot registration facilities will also be available, provided the prior information is received.

Conference on
**Protection and Control in Networks with
Unconventional Sources and Experience in
Implementation of Digital Substation**

24 – 25 July 2025

Venue: CBIP Conference Hall, New Delhi

REGISTRATION FORM

(To be filled in block letters preferably)

1. Name : _____

2. Position : _____

3. Organization : _____

4. Address : _____

5. Phone : _____ Fax No. _____

6. Email : _____

Dated _____

Signature _____

Details/ Amount of Registration fee Paid:

All payments should be made by cheque at par/Demand Draft drawn in favour of “Central Board of Irrigation and Power”, payable at New Delhi OR by transfer the amount to HDFC Bank, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi 110001; Saving Bank Account No. : 00031110004411; Swift Code: HDFCINBBDEL; IFSC: HDFC 0000003; MICR Code: 110240001.

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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.