

National Conference on

BEST PRACTICES IN O&M OF SUBSTATION EQUIPMENTS INCLUDING POWER TRANSFORMERS AND REACTORS

Under the aegis of CIGRE NSC A2 -Power Transformers and Reactors and
CIGRE NSC B3 on Substations and Electrical Installations

DATE: 23-24 APRIL 2026

VENUE: CBIP CONFERENCE HALL, NEW DELHI



ORGANIZED BY



IN ASSOCIATION WITH



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ANNOUNCEMENT

CBIP jointly with CIGRE India is organizing a National Conference ‘Best Practices of O&M of Substation Equipments, including Power Transformers and Reactors’ on 23-24 April 2026 at New Delhi. The aim of this conference is to facilitate knowledge exchange and support the adoption of reliable, safe and sustainable O&M practices across the Power Sector.

BACKGROUND AND OBJECTIVES

Substations form the backbone of the power transmission and distribution network, serving as vital nodes for voltage transformation, power flow control, protection, and system reliability. The reliable operation of substation equipment is therefore essential for ensuring uninterrupted power supply, grid stability, and safety of personnel and assets. Among various substation components, power transformers and reactors are the most critical and high-value assets, and their performance directly influences system availability, operational efficiency, and overall network resilience.

Power transformers are key elements responsible for voltage transformation and bulk power transfer across the grid. Any failure or forced outage of a transformer can lead to widespread power disruptions, significant financial losses, and long restoration times. Similarly, shunt and series reactors play a crucial role in voltage regulation, reactive power management, and control of over-voltages, particularly in long EHV/UHV transmission systems and in grids with high penetration of renewable energy sources. Effective operation and maintenance of these assets are therefore of paramount importance for maintaining grid stability and reliability.

Operation and Maintenance (O&M) of substation equipment play a crucial role in ensuring reliability, safety, efficiency, and longevity of power system assets. With increasing grid complexity, large-scale integration of renewable energy, ageing infrastructure, higher loading of assets, and growing adoption of digital technologies, utilities and asset owners are facing new challenges as well as opportunities in evolving O&M practices.

Advanced diagnostics, condition monitoring, predictive maintenance, and digital tools are increasingly being adopted to enhance asset performance and optimise life-cycle costs.

Recognising the need for focused and in-depth deliberations on these important issues, CBIP jointly with CIGRE India, under the aegis of CIGRE NSC A2 (Power Transformers and Reactors) and CIGRE NSC B3 (Substations and Electrical Installations), is organising this National Conference to provide a common platform for utilities, manufacturers, EPC agencies, consultants, researchers, and academicians to share best practices, operational experience, innovative solutions, and practical case studies related to Substations, Power Transformers and Reactors..

CONFERENCE THEMES

The conference will focus on, but will not be limited to, the following broad areas:

- Best practices in operation and maintenance of substation assets
- Enhancing reliability, safety, and asset life through effective O&M strategies
- Condition monitoring, diagnostics, and digitalisation of substations
- Failure analysis, root cause investigation, and preventive strategies
- Utility and industry experience sharing through real-life case

CALL FOR PAPERS

We encourage experts in the above areas to contribute to this important conversation. The professionals who desire to make presentations/case studies on the above subject are welcomed. Please arrange to send us a before 31st March 2026.

DATES AND VENUE

The conference will be held on 23-24 April 2026 at CBIP Conference Hall, New Delhi (Thursday and Friday). 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 23rd April 2026

WHO SHOULD ATTEND

The conference will be of special interest to:

- Researchers / Academicians, Power Utilities / Corporations, State Govt. / SEBs, Manufacturers etc.
- Planners, Independent power producers, Operators, Consultants, Electrical Contractors, OEM

REGISTRATION FEE

Registration Fees is Rs. 14,000/- per participant.

Special Discounted Registration fee for CBIP/CIGRE members is Rs. 12,500/- per participant.

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

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. 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

REVISED SPONSORSHIP OPPORTUNITY

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:

Diamond Sponsor : Rs. 5,00,000/-	Platinum Sponsor : Rs. 3,50,000/-	Gold Sponsor : Rs. 2,50,000/-	Silver sponsor : Rs. 1,50,000/-
<ul style="list-style-type: none">• 20 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">• 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

For further details, please contact the Conference Secretariat.

CONFERENCE SECRETARIAT

Shri A.K. Dinkar, Secretary, CBIP

Shri Sanjeev Singh, Director (Energy), CBIP

Shri A. K. Srivastava, Advisor (Energy), 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

National Conference on
Best Practices of O&M of Substation
Equipments, including Power Transformers
and Reactors

23-24 April 2026

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 _____

CONFERENCE SECRETARIAT

Shri A.K. Dinkar

Secretary

Central Board of Irrigation and Power

Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Tel : 91-11-26115984 / 26116567

Registration Form, duly filled in, is to be mailed to the following address:

Contact Person : Shri S.K. Batra, Consultant (Tech.), M: 9811943812

Email : batra@cbip.org; Web-site: <http://www.cbip.org>

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.