

Conference on

Power System Operational Reliability through Flexibility

Under the aegis of CIGRE NSC C1- Power system Development & Economics, C2- Power system operation & control, C3- Power system Sustainability & Environmental Performance and C4- Power system Technical Performance

Date: 19th – 20th June 2025

Venue: CBIP Conference Hall, CBIP, New Delhi



Organized by



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ANNOUNCEMENT

CBIP & CIGRE India is organizing a National Conference on 'Power System Operational Reliability through Flexibility' on 19-20 June 2025 at CBIP Conference Hall, New Delhi, scheduled for 24-25 April 2025 at New Delhi. This conference is being organised under aegis of CIGRE NSC C1, C2, C4 and C3: Power system development & economics and Power system operation & control and Power system Sustainability & environmental, Performance, Power system technical performance. The aim of this conference is to enhance the knowledge of professionals on the subject with the latest developments in this area and to discuss the challenges and opportunities related to the theme.

Background and Overview

The rapid evolution of the energy sector, driven by the increasing integration of renewable energy sources and the growing demand for sustainable power systems, has brought new challenges to maintaining the reliability and stability of power grids. The National Conference on "Power System Operational Reliability through Flexibility" aims to explore key strategies and solutions for enhancing operational flexibility in modern power systems.

This conference will bring together industry leaders, policymakers, academics, and experts to discuss the critical role of flexibility in ensuring the seamless operation of power systems amidst growing uncertainties and grid stresses. Flexibility in power systems is the ability to adjust generation, load, and storage resources in response to fluctuations in supply and demand, particularly with the increased penetration of intermittent renewable energy sources like solar and wind.

The event will provide a platform for sharing insights, best practices, and innovations to help stakeholders navigate the evolving challenges in power system operation, with an emphasis on building resilient and flexible grid infrastructures that can meet future energy demands reliably and sustainably.

Join us for this important event and contribute to shaping the future of India's power sector through operational reliability and flexibility.

Key topics to be covered:

1. Energy transition and its role in power system reliability
2. Key Issues in Maintaining Power System reliability.
3. Effect of Increase in renewable energy penetration on Power System Stability
4. Power System Reliability with measures of generation flexibility
5. Analytic Frameworks to Measure Power System Flexibility
6. Creating and operating mini-grids and micro-grids for reliable power systems
7. Price for attaining a reliable Power System in the Indian Power Sector
8. Role of Policymakers and Regulators in increasing power system reliability

FACULTY - CALL FOR PAPERS

We encourage experts in the above areas to contribute to this important conference. Eminent experts from Utilities, Manufacturing organizations and Academic field have been invited to make expert presentation during the Conference. The professionals who desire to make presentations/case studies on the above subject are also welcomed. Please arrange to send us a before 30th May 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 00000003,

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 19-20 June, 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 19 June 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/-
• 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 Advertisement 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

CONFERENCE SECRETARIAT

Shri A.K. Dinkar, Secretary, CBIP

Shri Sanjeev Singh, Director (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

Note:

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

National Conference on Power System Operational Reliability through Flexibility

19-20 June 2025

**CBIP Conference Hall, Malcha Marg, Chanakyapuri
New Delhi**

REGISTRATION FORM

(To be filled in block letters preferably)

Delegate _____
(Surname) (First Name)

Designation _____

Name of Organisation _____

Organisation GST No. _____

Mailing Address _____

City _____

State _____ PIN _____

Phone _____ Fax _____

Email _____

Dated _____ Signature _____

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

Shri A.K Dinkar, Secretary, CBIP

Shri Sanjeev Singh, Director (Energy), CBIP

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

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Note:

- Photocopies of the registration form can be used for additional requirements, if any.