

**One day International Conference on
Transmission/ Distribution Planning for
Mega Cities/ Big Cities**

(Under the aegis of CIGRE NSC - C1, Power System Development and Economics)

26th April 2024, Hotel Le Meridien, New Delhi



Jointly Organised by



Central Board of Irrigation & Power



Maharashtra State Electricity Transmission Co. Ltd.

PROGRAMME OVERVIEW

Transmission and distribution planning for mega cities or big cities involves complex considerations due to the high demand for electricity, dense populations, and diverse infrastructure. Some key aspects of this planning include:

Load Forecasting : Accurately predicting electricity demand patterns is crucial for planning transmission and distribution infrastructure to ensure reliability and efficiency.

Infrastructure Expansion : Assessing the need for new substations, transformers, and power lines to accommodate growing demand and ensure reliable power supply.

Grid Modernization : Implementing advanced technologies such as smart grids, which enable real-time monitoring, automated control, and demand-side management to optimize the use of existing infrastructure.

Integration of Renewable Energy : Incorporating renewable energy sources like solar and wind power into the grid requires careful planning to ensure stability and reliability.

Resilience and Reliability : Designing redundancy and backup systems to minimize the impact of outages and natural disasters, especially in densely populated areas where power interruptions can have significant consequences.

Environmental Considerations : Balancing the need for reliable electricity supply with environmental concerns, such as reducing greenhouse gas emissions and minimizing the ecological footprint of infrastructure development.

Regulatory Compliance : Adhering to local regulations and standards governing the design, construction, and operation of transmission and distribution systems.

Community Engagement : Engaging with local communities to address concerns and ensure that infrastructure development aligns with their needs and priorities.

Overall, effective transmission and distribution planning for mega cities or big cities requires a comprehensive and multidisciplinary approach that considers technical, economic, environmental, and social factors.

Given the paramount significance of the topic, and to enlighten the professionals and engineers about this subject and to engage in a comprehensive discourse, the Central Board of Irrigation & Power and CIGRE-India jointly with MSETCL is organizing a one-day International Conference on 'Transmission/Distribution Planning for Mega Cities/Big Cities' on April 26, 2024, at the Hotel Le Meridien, Windsor Place, Janpath, New Delhi.

PROGRAMME PROFILE

The following themes have been identified for discussions during the conference:

- Transmission system Planning with emphasis on Mega cities/ Big cities
- Electricity Demand Projection in Mega Cities/ Big Cities
- Challenges in implementation of Transmission system, constraints & possible solutions.
- Presentation from MSETCL / other leading utilities regarding issues encountered in Megacities
- Operational Challenges and Solutions in operation & Maintenance
- Need for Microgrid, Islanding schemes, System Automation, Network Planning inter Reliability Criteria (N-1, N-2, N-3)

PARTICIPANTS PROFILE

Executive from Power Utilities, corporations, State Govts./ SEBs/ Researchers/ Academics, Manufacturers, Planners, Operators, Consultants, Electrical Contractors etc.

PRESENTATIONS BY EXPERTS

Eminent experts from From CEA, CTU, GETCO, MSETCL, KPTCL, DTL, TANTRANSCO, OPTCL, STUs, KPMG, Ernst & Young, PwC, ADANI, STERLITE, Hitachi Energy, SIEMENS, etc., beside International Experts are being invited to deliver expert lectures during the Conference However, Experts who desires to make presentations/case studies on the above subject are requested to furnish the write-ups to reach CBIP office latest by 15 April 2024.

REGISTRATION FEE

Registration Fees is Rs. fee is Rs. 6,000/- per participant.

Special Discounted Registration fee for CBIP/CIGRE members is Rs. 5,000/- per participant.

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 arrangement for travel, boarding and lodging, etc. All payments be made through DD/ cheque at par in favour of 'Central Board of Irrigation & Power', payable at Delhi or amount deposited/ transferred to CBIP A/c no. 00031110004411, MICR No. 110240001, HDFC Bank, Swift Code : HDFCINBBDEL, IFSC: HDFC 0000003, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi – 110001

DATES AND VENUE

The Conference will be held on 26 April 2024 in the Hotel Le Meridien, Windsor Place, Janpath, New Delhi

The conference timing will be 9.30 am to 5.00 pm..

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:

Category of Sponsorship	Fee in Rs.	Privileges
Platinum Sponsor	5,00,000	<ul style="list-style-type: none">• Display of Logo on Main banner & other publicity material• Free Delegates in the Conference (10 Nos.)• Table space for display of services at the venue
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Silver Sponsor	1,50,000	<ul style="list-style-type: none">• Display of Logo on Main banner & other publicity material• Free Delegates in the Conference (03 Nos.)

For further details, please contact the Conference Secretariat.

CONFERENCE SECRETARIAT

Shri A.K. Dinkar, Secretary CIGRE India & CBIP

Shri Sanjeev Singh, Director, CIGRE India & CBIP

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26th April 2024, Hotel Le Meridien, Janpath, Delhi

REGISTRATION FORM

(To be filled in block letters preferably)

Delegate _____

(Surname)

(First Name)

Designation _____

Name of Organisation _____

Mailing Address _____

City _____

State _____ PIN _____

Phone _____ Fax _____

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 Fax: 91-11-26116347

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.