



JOIN CIGRÉ (PARIS) AND CONNECT WITH GLOBAL POWER SYSTEM COMMUNITY

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Participants from world over attending biennial session at Paris

Join CIGRE
The World Forum for Electric Power System



ABOUT CIGRÉ

CIGRÉ, the International Council for Large Electric Systems, is a worldwide, non-profit association of more than 14,000 professionals in 90 countries engaged in power system engineering for generation, transmission and distribution. Headquartered in Paris, CIGRÉ brings these professionals together through a variety of symposia and technical conferences around the world. CIGRE India provides the coordination of Indian members of CIGRÉ, from working group participation to sponsorship of local conferences.



Michel Augonnet
President, CIGRE Paris



Philippe Adam
Secretary General, CIGRE Paris

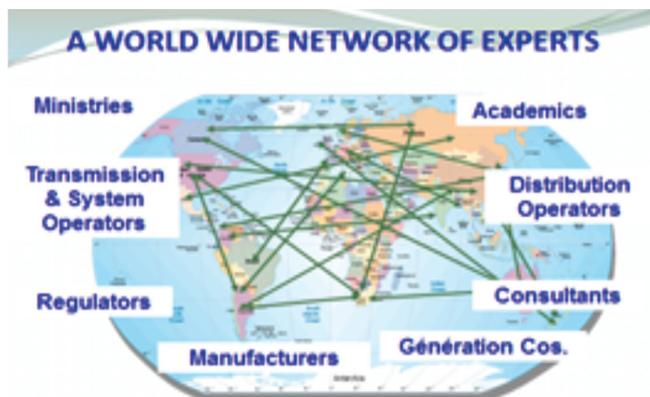
HOW IS CIGRÉ ORGANIZED?

The heart of CIGRÉ's organization is its collective (corporate or institutional) and individual members. In India these members are supported by CIGRE India. CIGRÉ's activities are governed by a hierarchy of a President, Treasurer, Technical Committee Chair and Secretary General. These individuals, along with others appointed form a Steering Committee and an Administrative Council. The Technical Committee organizes and conducts CIGRÉ's technical activities.

CIGRÉ CONFERENCES AND SYMPOSIA

CIGRÉ convenes its Biennial Session in Paris in even numbered years, bringing together more than 3000 participants who present more than 400 papers. It is a unique opportunity to network among peers as well as to exchange information with the best experts, top managers, decision makers, professors, government representatives and engineers from around the world. An international technical exhibition draws more than 200 exhibitors and 10,000 visitors to complement the biennial session's topics.

There are several other international symposia as well with hundreds of delegates each on critical topics for the industry. CIGRE India hosts meetings in the United States for its members with international participation.



HOW TO JOIN?

The application for membership is to be processed through CIGRE India. For further information on the membership please contact:

Mr. A.K. Dinkar, Secretary, CIGRE-India & CBIP

Mr. A.K. Bhatnagar, Director, CBIP

Central Board of Irrigation & Power

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CATEGORY & FEE OF MEMBERSHIP FOR 2021

S.N.	Category of Membership	*Fee in Rs.
1	Individual Member - I	8,500
2	Young Members - (below 35 years of Age)	4,250
3	Collective Member - I (Organisation)	68,000
4	Collective Member- II (University & Regulatory Commissions)	28,000

*GST 18% Extra

BENEFITS TO MEMBERS

KEY BENEFITS OF MEMBERSHIP INCLUDE

- Collaborate with experts from across the whole power system
- Access perspectives and peers from every corner of the globe
- Learn from other professional's and organisations practical experiences
- Up skill and be prepared for the future
- Opportunities to participate & present papers at CIGRE sessions held at PARIS on discount registration fee.
- CIGRÉ's membership directory – available on CD-ROM – provides a link to all members and is an essential tool for extending professional contacts.
- Many services, information and links with CIGRÉ national committees and study committees, which organize regional meetings and local events

MEMBERSHIP RIGHTS:

- Unlimited free access to more than 10000 technical reports through (e-cigre.org), The e-library of CIGRE's comprehensive publications and the world's authoritative source of technical reference information.
- Free access to ELECTRA- The bimonthly technical journal of the association, the window on a world of power systems solutions.
- Opportunities to participate in technical work & join the CIGRE's unique knowledge development programme by joining a working group or study committee.
- Reduced registration fees for CIGRE events Including the Paris Session the global thought leadership congress of the community
- Eligibility to enter CIGRE's prestigious awards

FIELDS OF ACTIVITY OF CIGRE STUDY COMMITTEES

Study Committees No.	Scope
A1	Rotating Electrical Machines : The SC is focused on the development of new technologies and the international exchange of information and knowledge in the field of rotating electrical machines, to add value to this information and knowledge by means of synthesizing state-of-the-art practices and developing guidelines and recommendations.
A2	Power Transformers and Reactors : The scope of SC A2 covers the whole life cycle of all kind of power transformers, including HVDC transformers, phase shifters, shunt reactors and all transformer components as bushing and tapchangers.
A3	Transmission & Distribution Equipment : The scope of the SC A3 covers theory, design, construction and operation for all devices for switching, interrupting and limiting currents, surges arresters, capacitors, busbars, equipment insulators and instrument transformers used in transmission and distribution systems.
B1	Insulated Cables : The scope of SC B1 covers the whole Life Cycle of AC and DC Insulated cables for Land and Submarine Power Transmission, which means theory, design, applications, manufacture, installation, testing, operation, maintenance, upgrading and uprating, diagnostics techniques. It has been focused on HV & EHV applications for a long time. Nowadays MV applications are more and more taken into consideration.
B2	Overhead Lines : The scope of the Study Committee SC B2 covers all aspects of the design and refurbishment of overhead power lines. The Study Committee's strategic goals include: increased acceptance of overhead lines; increased utilization of existing overhead lines; improved reliability and availability of overhead lines.
B3	Substations and Electrical Installations : The scope of work for SC B3 includes the design, construction, maintenance and ongoing management of transmission and distribution substations, and the electrical installations in power stations, but excluding generators.
B4	DC Systems and Power Electronics : The scope of SC B4 covers High Voltage Direct Current systems and Power Electronics for AC networks and Power Quality improvement. Overhead lines or cables, which may be used in HVDC systems are not included in the scope, but are the responsibility of SC B2 and SC B1 respectively. The members of B4 come from Manufacturers, Utilities, transmission system operators (TSOs), Consultants and Research Institutes. SC B4 is active in recruiting young engineers to participate in its activities.
B5	Protection and Automation : The scope of the Committee covers the principles, design, application and management of power system protection, substation control, automation, monitoring, recording and metering – including associated internal and external communications and interfacing for remote control and monitoring.
C1	Power System Development and Economics : The SC's work includes issues, methods and tools related to the development and economics of power systems, including the drivers to: invest in expanding power networks and sustaining existing assets, increase power transfer capability, integrate distributed and renewable resources, manage increased horizontal and vertical interconnection, and maintain acceptable reliability in a cost-efficient manner. The SC aims to support planners to anticipate and manage change.
C2	Power System Operation and Control : The scope of the SC C2 covers the technical, human resource and institutional aspects and conditions needed for a secure and economic operation of existing power systems under security requirements against system disintegration, equipment damages and human injuries.
C3	Power System Environmental Performance : The scope of this Study Committee is focused on the identification and assessment of electric power systems environmental impacts and the methods used for assessing and managing these impacts during the all life cycle on the power system assets.
C4	Power System Technical Performance : The scope of SC C4 covers system technical performance phenomena that range from nanoseconds to many hours. SC C4 has been engaged in the following topics: Power Quality, EMC/EMI, Insulation Coordination, Lightning, and Power systems performance models and numerical analysis.
C5	Electricity Markets and Regulation : The scope of the Study Committee is “to analyze the different market approaches and solutions and their impact on the electric supply industry in support of the traditional economists, planners and operators within the industry as well as the new actors such as regulators, traders, technology innovators and Independent Power producers.
C6	Active Distribution Systems and Distributed Energy Resources : SC C6 facilitates and promotes the progress of engineering, and the international exchange of information and knowledge in the field of distributions systems and dispersed generation. The experts contributes to the international exchange of information and knowledge by the rizing state of the art practices and developing recommendations.
D1	Materials and Emerging Test Techniques : The scope of Study Committee D1 covers new and existing materials for electrotechnology, diagnostic techniques and related knowledge rules, as well as emerging test techniques with expected impact on power systems in the medium to long term.
D2	Information Systems and Telecommunication : The scope of this SC is focused on the fields of information systems and telecommunications for power systems. SC D2 contributes to the international exchange of information and knowledge, adding value by means of synthesizing state of the art practices and drafting recommendations.

Governing Body of CIGRE - India 2021

President – CIGRE-India



I.S. Jha

*Member CIGRE Steering Committee, Paris &
Hon'ble Member, CERC*

Vice-Presidents



U.K. bhattacharya
Director, NTPC



Renuka Gera
Director, BHEL



Seema Gupta
Director, Powergrid



Anil Saboo
President, IEEMA



Praveer Sinha
MD, Tata Power



Manish Agrawal
*CEO, Sterlite Power
Transmission*

Technical Council



Chair
R.P. Sasmal
Former Director, POWERGRID



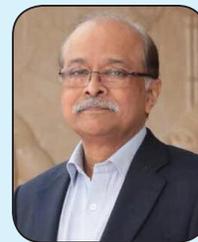
Joint Chair
N.N. Misra
Former Director, NTPC

Secretary, CIGRE-India



A.K. Dinkar
Secretary, CBIP

Director, CIGRE-India



A.K. Bhatnagar
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