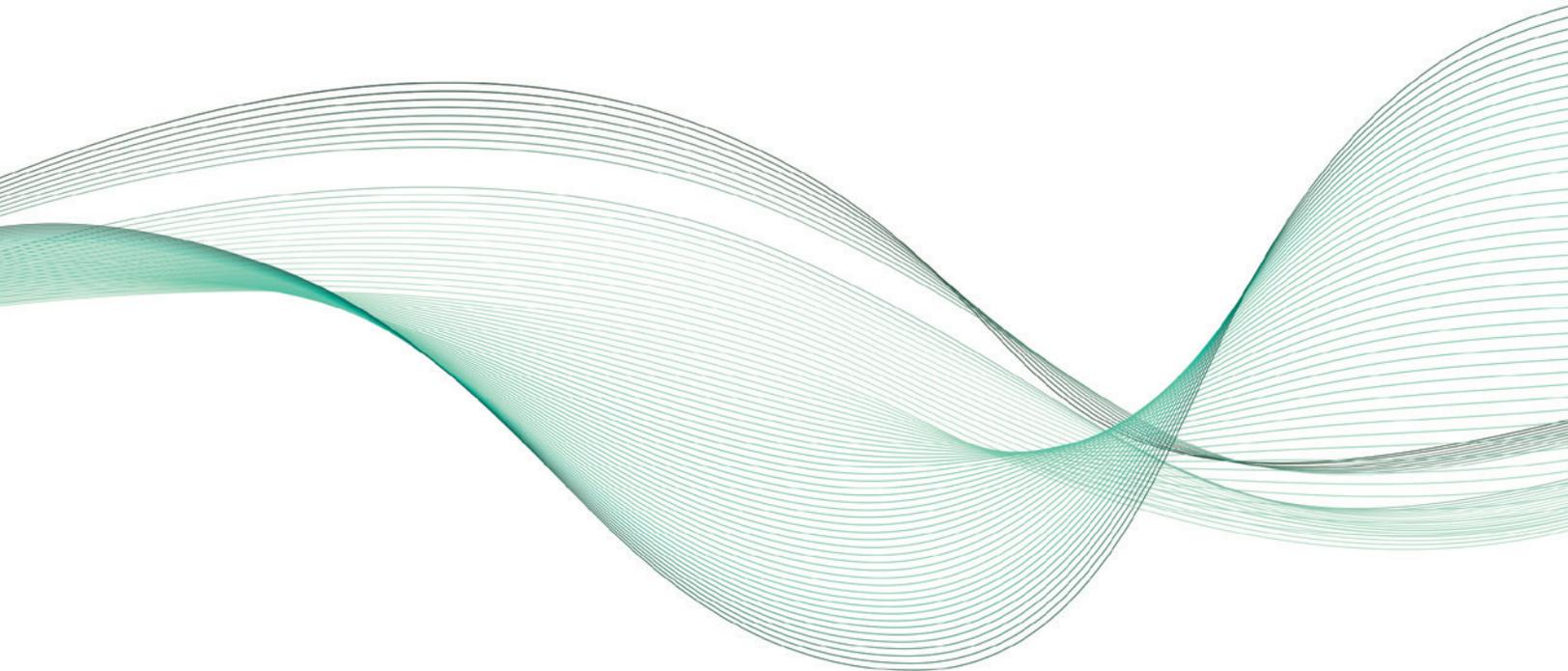




The World's Leading Organization for Electrical
Power Systems Professionals and Industry Leaders



IMPROVING THE POWER SYSTEMS OF TODAY AND TOMORROW THROUGH INTERNATIONAL COLLABORATION

CIGRÉ, the International Council on Large Electric Systems, brings together a worldwide network of technical experts, executives, industry practitioners, educators, and government representatives from over 90 countries to share technical expertise, real-world practical experience and proven best practices from every corner of the globe.



The Value of CIGRÉ Membership:

- Gain access to valuable insight and expertise across a worldwide network of practitioners
- Enhance global knowledge sharing with seasoned industry experts and the next generation of engineers and business leaders
- Strengthen the development of member knowledge and expertise
- Improve successful process transformation and technology implementation
- Improve visibility and understanding of the industry's state-of-the-art tools, technologies and approaches
- Leverage a deep and continuously expanding archive of papers, reports and studies to streamline product and service development
- Assist in skill development across member organizations
- Understand and influence policy and the regulatory environment

“CIGRÉ provides practical solutions to today’s industry challenges with experiences from all over the world.”

Michael Heyeck
President
CIGRÉ US National Committee

COLLECTIVE INITIATIVES TO ENHANCE THE WORLD'S POWER SYSTEMS



Designing and Deploying a Power System for the Future

Systems of the future will have to wheel bulk power from non-carbon sources over long distances. The industry will need to interconnect grids to compensate for local electricity shortfalls and optimize distributed generation, intelligent loads, local power storage and microgrids. These systems will use ultra-high voltage, AC, DC and power electronics, while integrating new information technologies for enhanced collaboration between engineers and industry experts.



Optimizing Existing Equipment and Power Systems

While developing tomorrow's power systems, the industry must implement better maintenance, refurbishment and replacement strategies. Companies must improve system availability and reliability in a changing industrial environment, encompassing the whole range of technologies, markets and regulatory environments. Companies must address maintenance of existing infrastructures using new methodologies and technologies.



Respecting the Environment

Integration of low-carbon energy is critical to tomorrow's electrical power systems. New ways of reducing greenhouse gases including renewable energy need to be explored to accommodate growth in a sustainable manner, including the growth of the networks themselves.



Facilitating Access to Information

CIGRÉ is an independent association that acts as an ambassador for all electrical power industry players. It gathers, collates and provides open access to technical information through collaboration between international experts and common sharing of research and studies. It is an unrivalled source of information for opinion leaders and the public. The quality and impartiality of information is critical to the rapid and environmentally friendly deployment of tomorrow's power systems and the development of new equipment.

“The ability to collaborate with peers from around the globe to share knowledge, experience and insight helps accelerate innovation and successful grid modernization across the industry.”

Dr. B. Don Russell
Distinguished Professor
Texas A&M University

BENEFITS OF CIGRÉ MEMBERSHIP

In addition to the personal and organizational benefits that come with joining CIGRÉ, members can directly participate in CIGRÉ Study Groups, Working Groups, conferences and symposia. Members can also utilize CIGRÉ's resource library, which houses recently published as well as archived international studies, publications, databases and much more.

CIGRÉ Membership Benefits Include:

- Access to an international network of the world's leading technical experts
- Technical and professional development with a significant international perspective
- CIGRÉ's bi-monthly journal, *Electra*
- Access to more than 6,000 references on www.e-cigre.org
- Technical brochures on the work of the Study Committees
- Technical papers and other publications
- Papers and proceedings of sessions and symposia
- CIGRÉ's membership directory
- Exposure to diverse regulatory frameworks, institutional arrangements and governments that influence and shape the global electricity infrastructure

“CIGRÉ's brings together a unique combination of technical experts and business leaders from all over the world and creates the ideal environment for members to work together to collectively build the grid of the future through shared experience and influencing products under development.”

David W. Roop
Director - Electric Transmission
Dominion Virginia Power

Working Groups & Study Groups

CIGRÉ members can participate in a number of specialized working groups within their areas of expertise, composed of national and international peer participants.

With over 3,500 experts and over 250 active groups worldwide, CIGRÉ working groups have produced more than 6,000 reports, papers, proceedings, symposia and technical brochures developed across 16 worldwide Study Committees.

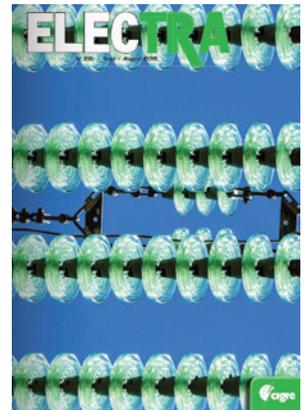
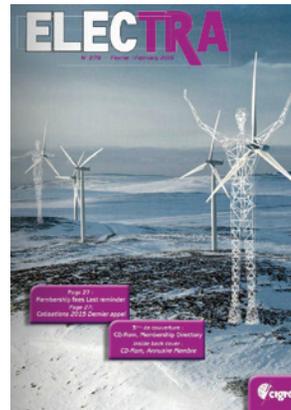
The Scope of CIGRÉ's 16 Study Committees:

- Rotating Electrical Machines
- Transformers
- High Voltage Equipment
- Insulated Cables
- Overhead Lines
- Substations
- HVDC and Power Electronics
- Protection and Automation
- System Development and Economics
- System Operation and Control
- System Environmental Performance
- System Technical Performance
- Electricity Markets and Regulation
- Distributed Systems and Dispersed Generation
- Materials and Emerging Test Techniques
- Information Systems and Telecommunications

Electra

All CIGRÉ members receive a subscription to Electra, CIGRÉ’s bi-monthly publication that highlights information on the results and progress of the technical activities of CIGRÉ’s 250 Working Groups and 16 global Study Committees.

Read by over 14,000 power professionals across 90 countries, Electra is the platform for national and worldwide contributors of CIGRÉ Working Groups and Study Committees to disseminate their work.



CONFERENCES AND SYMPOSIA

Each even-numbered year, CIGRÉ brings together more than 3,200 of the industry’s most experienced and innovative professionals to participate at the Biennial Session in Paris. This event is a valuable networking opportunity to exchange information with top experts, managers, decision makers, professors, government representatives and engineers from around the world. Concurrently, an international technical exhibition draws more than 200 exhibitors and 7,000 visitors as a complement and an illustration of the biennial session’s topics.

In addition, every year CIGRÉ’s U.S. National Committee (USNC) hosts an Grid of the Future (GOTF) Symposium that attracts over 200 executive and technical professionals. The Grid of the Future events are ideal for learned conversation among key executives and high-level technical professionals.



“CIGRÉ is an exceptional forum for networking with potential clients and to hear experts describe industry issues and technology needs.”

Keith Lindsey
Chief Executive Officer
Lindsey Manufacturing

E-CIGRÉ.COM

Members gain access to www.e-cigre.com, an exclusive digital portal featuring thousands of downloadable publications, session papers, technical brochures and more than 30 years of issues of Electra.

“CIGRÉ provides a forum for understanding the issues facing system operators around the world.”

Terry Boston
Chief Executive Officer
PJM Interconnection

CIGRÉ'S NEXT GENERATION NETWORK

CIGRÉ members with less than ten years of industry experience receive free access to the CIGRÉ Next Generation Network (NGN), a valuable growth opportunity for any young power professional. The focus of the Next Generation Network is both to enable its members to network with and be mentored by executives, as well as to provide a direct pathway for emerging leaders to integrate their perspectives into CIGRÉ's body of research through publishing papers, presentations at CIGRÉ events and participation across CIGRÉ Working Groups.

“The CIGRÉ network is composed of international industry leaders and creates opportunities to contribute expertise and leverage experience.”

Jessica Lau
System Planning Engineer
ISO New England Inc.
CIGRÉ Next Generation Network Chair

Examples of Archived CIGRÉ Reports:

- Impact on planning for aging infrastructure
- Substation design for severe climate conditions
- Protection of high voltage power network control electronics against intentional electromagnetic interference
- Protection of distribution system with distributed energy resources
- HVDC advancements
- Renewable integration
- Generation interconnections
- Distributed generation
- Electricity markets
- Grid operations
- Game-changing T&D technologies

MEMBERSHIP TYPES

Individual Membership

CIGRÉ's individual membership provides engineers, specialists, academics and researchers with a unique opportunity for personal and professional development:

- Network with industry experts and business leaders from around the world
- Develop and share your technical expertise across a global network of practicing power systems engineers
- Leverage up-to-date practical information on the latest technologies, techniques and best practices
- Participate in CIGRÉ Working Groups and Study Committees
- Obtain access to international expertise and archived technical resources
- Tap into industry trends and leading-edge techniques
- Understand international approaches to the environment, legislation and regulation

With CIGRÉ membership, you build your industry profile, promote your company and develop your professional network.

Individual memberships are available in three tiers:

- **Individual Membership I**
Designated for industry individuals such as engineers, managers, researchers, and professors
- **Individual Membership II**
Designated for members under the age of 35
- **Student Membership**
Designated for individuals preparing for a higher education diploma

Collective Membership

Collective membership, referred to as “corporate membership” in the U.S., provides companies with access to CIGRÉ's international network of professionals and information on electric power technology around the world. Collective members benefit from a higher international profile and increased visibility within the industry.

Collective members gain access to all CIGRÉ copyrighted materials and are able to duplicate documents for circulation within their organizations. Each member company has the ability to send six individuals to events at member pricing. In addition, every Collective member company delegates one member to serve on an advisory council to the U.S. National Committee.

Collective memberships are available in two tiers:

- **Collective Membership I**
Designated for public and private companies, scientific and technical organizations, research institutes, administrative bodies, etc.
- **Collective Membership II**
Designated for universities and other educational institutions

How to Join:

For more information on CIGRÉ membership, please visit
www.cigre-usnc.org

If you have additional questions about membership, please contact:

B. Don Russell

USNC Vice-President Administration
Regents Professor
Texas A&M University

Phone: 979-458-1100

Email: bdrussell@tamu.edu

