



Standing for power system expertise since 1921

A collaborative global community

Established in 1921 in Paris, France, CIGRE is a global community committed to the collaborative development and sharing of end to end power system expertise.

The community features thousands of professionals from over 90 countries and 1250 member organisations, including some of the world's leading experts. At its heart are CIGRE's 60+ in country National Committees offering diverse technical perspectives and expertise from every corner of the globe.

CIGRE operates the world's foremost knowledge generation programme, spanning 16 domains of work, encompassing all the core areas of the power system. The programme also includes an extensive range of local and international events, culminating

every two years at the Paris Session in France.

Over the last 100 years the work of CIGRE has contributed to many of the key technical cornerstones of the modern power system. So when electricity industry professionals look for the unbiased, fact-based answers they need, they turn to CIGRE, the world's preeminent source of power system expertise.

For more about the world of CIGRE watch the short video



The world's foremost power system knowledge development programme

CIGRE operates the world's foremost power system knowledge development programme of work. At its foundation is CIGRE's unique structure and the end to end spectrum of domains covered.

A strategic response to challenges

The CIGRE knowledge programme is driven by key strategic themes defined by the experts of the CIGRE leadership, with the input of the community. These are based around key drivers affecting the industry and are updated as strategic changes occur.

16 Domains of work

Strategic themes are fed into 16 consistent domains of work, each led by a dedicated Study Committee. Domains are broadly grouped by four key global power system areas – equipment, technologies, systems, new materials and IT.

Working groups and outcomes

At CIGRE's heart is a community and 60+ National Committees. These organisations nominate local

professionals to participate across the knowledge programme, including in the 250+ Working Groups that study specific areas within the 16 domains of work. Working Groups produce comprehensive technical publications, referred to as 'Technical Brochures'.

A unique approach

CIGRE's uniquely dispersed but centrally coordinated way of working offers an integrated knowledge programme that accounts for the global drivers changing the power system, while ensuring that these are connected with the National Committee's real world, local situations.



Worldwide programme of face to face and online events

CIGRE's unique knowledge programme encompasses a worldwide array of face to face and online events and free exchange of knowledge.

CIGRE Symposia

Held twice in odd numbered years, Symposia are large, wide ranging and stimulating gatherings, featuring up to six of the 16 Study Committees, attracting a wide range of senior CIGRE experts.

Colloquia

These one-day conferences are run by one of the 16 Study Committees in collaboration with a National Committee. Colloquia cover specific topic areas

reflecting the often hot topics of the particular domain of work.

Macro-regionally and locally focused conferences and panels

On top of the global events outlined above, every year up to 40 power system events are run around the world by CIGRE National Committees and regional groups.



The Paris Session – the world’s leading global event for sharing power system expertise

Every two years, the world's number one global power system event is run by CIGRE in Paris, France. This event attracts members from across the whole CIGRE community and is the culmination of the previous two years of the CIGRE knowledge programme.

The Session is unlike any other conference. It offers an in-depth interactive congress, following a rigorous process where, rather than being presented, hundreds of papers are collaboratively debated.



The authoritative source of power system technical reference information

CIGRE is home to the world's most comprehensive collection of technical publications and reference information, standing alone for their unbiased, rigorous, real world technical orientation and excellence.

The primary CIGRE technical publications include:

Technical Brochures: An output of CIGRE's 16 Study Committees and their 250+ Working Groups, Technical Brochures are globally diverse, factually robust, comprehensive publications covering the full spectrum of the power system.

Green Books: CIGRE's flagship reference books, bringing together multiple technical brochures into one definitive publication.

Event proceedings and papers: A range of highly valuable materials created from CIGRE events including Paris Session papers and proceedings, papers produced by CIGRE Technical Working Groups,

Symposia papers and proceedings and Colloquia papers.

Reference papers: Lay speak orientated Reference Papers providing important, unbiased technical information, helping to inform debate on hot industry and public topics.

Digital Magazines: CIGRE also offers two regular frequency digital publications. **ELECTRA**, published bi-monthly and bringing you the latest news, expertise and work from the world of CIGRE and **CIGRE Science & Engineering [CSE]**. A SCOPUS registered technical journal published three times per year.



Access these publications and many others at e-cigre.org



Creating benefits in local communities and organisations the world over

From being prepared for the future and breadth of changes occurring in the power system, to learning from the diverse international experience of the community, CIGRE's unique global presence creates many local benefits for power system organisations and the communities they serve.

CIGRE will help inform your decision making with real world, practical knowledge and access to authoritative, fact-based reference information.

CIGRE member organisations benefit from lessons, solutions and successes from every corner of the globe, all accessed from a peer to peer community

that can grow the skills of your organisation and connect you with the industry, in a technical fact-based setting.

A CIGRE membership can help you operate in an optimal way today and plan for the network of the future.

Nine ways a CIGRE membership delivers value

1. Be prepared for future key trends, innovations and challenges
2. Learn from real world experiences, lessons and successes
3. Inform decisions with diverse perspectives from every corner of the world
4. Collaborate with your local National Committee and solve local challenges
5. Source the most authoritative reference information
6. Get unbiased facts focused on real world technical solutions
7. Benefit from access, at a nominal cost, to world leading experts
8. Grow your individual or organisational skills in CIGRE's unique peer to peer environment
9. Connect with your industry in a technical setting

“Diverse perspectives from every corner of the world”

For more on the benefits of a CIGRE membership watch a short video.



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