

The authoritative source of power system technical reference information



Publications and resources

CIGRE's widely dispersed, mostly on the ground, local operation is unique, as are the publications and resources it produces. CIGRE publications are a vast array of power system knowledge and information. They stand alone for their unbiased, rigorous, pragmatic, applied, real world technical orientation and excellence.

CIGRE's technical publications exceed 10000 and are growing.

Main publication types are:

1. Green Books and Technical Brochures produced by CIGRE Study Committees and their Working Groups
2. Papers produced by CIGRE Technical Working Groups
3. Paris Session papers and proceedings
4. Symposia papers and proceedings
5. Colloquia papers
6. More recently, papers produced by non-CIGRE experts.

Download all CIGRE publications at e-cigre.org, one of the world's most comprehensive, accessible databases of relevant technical works on power system engineering. CIGRE members can access all CIGRE publications. Non-members can access and download free of charge ELECTRA and Technical Brochures that were published 3 or more years ago.

Green Books

Green Books are CIGRE's state of the art, flagship reference publications. CIGRE aims to produce the very best, most comprehensive set of reference publications encompassing all the subjects covered by CIGRE and its Study Committees. Green Books consolidate, in a single book, all the CIGRE knowledge in a domain of work i.e. all the existing Technical Brochures, reorganised and carefully compiled.

Green Books are recognised by the engineering community as the top reference publications in their fields. The first two books of the series, Overhead Lines [Study Committee B2] and Accessories for Extruded HV Cables [Study Committee B1] are available for purchase on e-cigre.org.



Technical Brochures

Technical Brochures are the output of CIGRE's 16 Study Committees and their 250 Working Groups. Over 700 have been published, with the addition of about 40 new ones each year.

The Working Groups that produce Technical Brochures are made up from a diverse collection of technical experts spanning the entire power system industry. This ensures that Technical Brochures are unbiased, factually robust and reliable. Technical Brochures undergo a rigorous peer review process to ensure their accuracy and integrity.

ELECTRA

ELECTRA is the bimonthly journal of CIGRE, distributed to members only. ELECTRA focuses mainly on CIGRE Working Group production, Study Committee annual reports, events and governance reporting. ELECTRA features Executive Summaries of the most recent Technical Brochures. Reports from Working Groups on narrower, more quickly prepared sub topics that then feed into Technical Brochures over time are also featured.

Reference Papers

Reference Papers are designed to make CIGRE technical papers more accessible, covering not just hard science but also opinions and views, so they can help to inform discussion around important topics. Reference Papers are not published to any set schedule, prepared as and when the need arises, as quickly as possible so that they can inform discussions.

Paris Session papers and proceedings

The main outputs of the Paris Session are papers and proceedings, which encompass:

- The papers themselves
- Posters – visual summaries of the papers

- 16 general reports synthesising key discussions and findings
- 16 collections of contributions. Some 50 or 60 three to five minute presentations make up each contribution
- Special reports and post Session follow-up documents.

Being based on the most recent, cutting edge information and ideas generated in each Session makes papers and proceedings extremely valuable. Papers and proceedings become available very quickly because they are used to inform decisions about what work will be undertaken in the next two years between Paris Sessions. After the Paris Session, papers and proceedings are made available for purchase in the form of a CD or USB stick. They may also be ordered on e-cigre.org.

Symposia papers and proceedings

Like the Paris Session, Symposia focus on papers and generate highly valuable proceedings. To date 37 Symposia have been held, each examining between 30 and 90 papers, available on e-cigre.org.

Colloquia papers

Hundreds of Colloquia have run to date, producing 9000 or more references. While Colloquia papers undergo a less rigorous review than those at the Paris Session and Symposia, there is still demand for access to them via e-cigre.org.

CIGRE Science & Engineering (CSE)

CSE is a journal published three times per year (Feb, Jun, Oct) by CIGRE since 2015. Its main purpose is to serve readers in a wider, less technically oriented community, where detailed Technical Brochures, papers and proceedings are too lengthy and 'heavy going' for non-technical readers. CSE is also open to and encourages articles from non-CIGRE members.

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