

CALL FOR PAPERS

❖ STUDY COMMITTEES B5, C2, C6 AND D2

Policies, incentives, technology and regulation of smart grids is an international seminar organized by the Brazilian National Committee involving 4 Study Committees:

SC C2 - System Operation and Control

SC B5 - Protection and Automation

SC C6 - Distribution Systems and Dispersed Generation

SC D2 - Information Systems and Telecommunication

❖ OBJECTIVES

The Seminar will focus on smart grids with the goal of disseminating knowledge in smart networks concerning the incentives, technology and regulation issues besides formulating some technical suggestions for the improvement of the regulatory area in Brazil.

❖ PROGRAMME

The event is targeted at executives, managers and decision-makers from transmission, generation and distribution system operating companies, electric power utilities, independent power producers, technology providers, equipment manufacturers, financing firms, equity and business analysts, engineering, procurement and construction companies, engineering, management and legal consultants, research and technical institutions, international development agencies and universities.

The preferential Subjects that will be discussed are within the following items:

1. Policy for smart grids
2. Incentives which can improve smart grids market
3. Technology for smart grids applications
4. Regulation of smart grids

The main seminar sessions will take place from December 4, Monday to December 6, Wednesday. A total of 6 sessions will be held with eight papers presented in each. The short course **Cybersecurity** will happen on December 7, Thursday, at the same place.

The Seminar will be held in Rio de Janeiro, Brazil.

❖ DEADLINES

- Receipt of abstracts: **May 22, 2017.**
- Notification of acceptance: **July 31, 2017.**
- Receipt of full papers: **September 30, 2017.**

❖ SUBMISSION OF PAPERS

Participants wishing to present papers are invited to submit their abstracts (approximately 500 words) in this site: <http://cigrebrasilrio2017.net/>

Abstracts, papers and presentations must be prepared in English.

Authors must confirm their availability to present their contributions in English at the seminar.

❖ PAPERS PUBLICATION

Papers will be available for downloading from the CIGRE-Brasil Web site before the Seminar for all registered participants. A summary report on the Seminar will be published in ELECTRA magazine.

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❖ MAIN TOPICS

The main topics for discussion during seminar sessions will be:

1. Policy and incentives to smart grids – cases of success and failure;
2. Regulatory roadmap for smart grids: smart regulation – models and experiences;
3. Metrics to quantify the benefits of smart grids to both end users and companies;
4. Infrastructure for smart grids: data communications, cyber-security, operational technology, sensors and field devices, big data and other information technologies;
5. New paradigms concerning the generation, transmission, distribution, and commercialization process in order to accommodate smart grids' network technology;
6. Benefits of smart grid to operate distributed generation with/without storage.

More information and registration contact:

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