



# Call for Papers

## Operation and Development of Power Systems in the New Context

**INTERNATIONAL SYMPOSIUM**  
**Guilin City, Guangxi Province, China**  
**October 28-30, 2009**

**CIGRE and the Chinese National Committee,**  
with **Study Committees C1** (System Development and Economics),  
**C2** (System Operation and Control), **C5** (Electricity Markets and Regulation)  
are organizing an International Symposium  
“**Operation and Development of Power Systems in the New Context**”

### GUILIN CITY

Guilin is located in the northeast of Guangxi Zhuang Autonomous Region, a subtropical zone with warm and moist climate. It counts a total population of more than one million, in the city and the surrounding area. Guilin was named after the fragrance of osmanthus tree and saw its first inhabitants over 2 000 years ago. Most of the city lies on the western bank of the Li River, within a short distance from many picturesque limestone mountains and formations.



### BACKGROUND and SCOPE

Restructuring of the Electricity Supply Industry and introduction of Electricity markets have started almost 20 years ago and have developed at different paces in the world. Taking into account the experience gathered, it appears timely to assess the impacts that restructuring and deregulation have had on the operation and development of power systems and on the security of supply.

The objectives of this Symposium are:

- Examine alternative market designs and regulatory processes
- Assess the change of the role of the various players in planning, investment and operation
- Assess general issues: security of supply, economics, energy policy, environment

### PARTICIPANTS

The Symposium is directed towards transmission and system operators, market operators, regulators, suppliers, traders and universities.

### PROGRAMME

The Symposium will be held over 3 days, organized in sessions during which authors will individually present their papers and then participate as a group in a session panel discussion.

The Symposium will take place immediately after the meetings of the 3 involved Study Committees. In between, a time slot will be dedicated to Tutorials.

### Contacts

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<http://www.cigre.org>

## MAIN TOPICS

### 1. Market Models

- The main issues: players, contracts, balancing markets, price formation, pools
- Unbundling issues; the models
- Open access to grid – technical requirements, tariffs
- Demand Response – the evolving role of customer load - as supplier and as end-user
- Quality of Supply
- Market Benchmarks – measuring Market Operator and TSO performance

### 2. Operation

- Issues between Market and Operation
- New tools – data, models, control systems
- Congestion management
- Short term security, dispatching issues, energy and balance management

### 3. System Development Issues

- Development strategies
- Regulatory mechanisms / Grid Codes
- Planning for reliability
- Asset management
- Long Term Security

### 4. General Issues

- Cross border markets-compatibility between models
- Market and Energy Policy objectives
- Cyber-security issues
- Deregulation and renewable
- Deregulation and environment

## TECHNICAL COMMITTEE

### Program and Selection of Papers

Mr Lu Yanchang, Chairman China NC, Chairman

Phil Southwell	SC C1, Co-Chairman
Michel Armstrong	SC C2, Co-Chairman
Olav B. Fosso	SC C5, Co-Chairman
Shao Lan	SC C1 China
Yaozhong Xin	SC C2 China
Lianjun Shi	SC C5 China
Peter Roddy	SC C1 Secretary
Alain Taccoen	SC C5 Secretary
Ben Li	SC C2 Secretary
Ruomei Li (Mrs)	China NC
Jean Kowal	(CIGRE Secretary General)

## DEADLINES

Authors are kindly requested to take note of the following deadlines:

Receipt of abstracts:	<b>15<sup>th</sup> December 2008</b>
Notification of acceptance:	<b>15<sup>th</sup> February 2009</b>
Receipt of full papers:	<b>15<sup>th</sup> May 2009</b>

## PUBLICATION OF PAPERS

The papers will be published in the form of an ISBN registered CD, to be forwarded before the Symposium to all registered participants. The CD will also be available for purchase from the CIGRE Central Office, after the Symposium. A Report on the Symposium will be drafted after the Symposium. It will be published in ELECTRA and posted on the CIGRE website.

## SUBMISSION OF PROPOSALS

Participants wishing to present Papers are invited to submit their abstract in ENGLISH (500 words) to the Central Office of CIGRE before

**15<sup>th</sup> December 2008**

to:

**[sylvie.bourneuf@cigre.org](mailto:sylvie.bourneuf@cigre.org)**

Each abstract must indicate the topic(s) that will be addressed (1 to 4 above). The name, title, company affiliation, e-mail and full address of the author(s) should also be given.

## LANGUAGES

The papers must be written in English.

## REGISTRATIONS

Registration forms and the detailed program of the Symposium will be sent out by the CIGRE National Committees in June 2009.

Further information on the Symposium can be found on [www.cigre.org](http://www.cigre.org).