Conference on
“Development of Power Sector at International Level”
(Conference being held prior to CIGRE Session 2014, world level event at Paris)

17-18 July 2014
Venue: CBIP Conference Hall, New Delhi

President, CIGRE - India

R.N. NAYAK
CMD, POWERGRID

Vice President, CIGRE - India

N.N. MISRA
Director, NTPC Ltd.

CHAIRMEN OF CIGRE NSCs - EMINENT SPEAKERS

S.K. Negi
MD, GETCO

S.K. Soonee
CEO, POSOCO

Oommen Chandy
ED, Powergrid

Y.K. Sehgal
ED, Powergrid

V.K. Agrarwal
ED, NLDC, PG

A.K. Gupta
ED, NTPC

N.S. Sodha
ED, Powergrid

Jithin Sunder
GM, BHEL

Gopal Ji
GM, Powergrid

S.P. Hambarde
AGM, NTPC

Subir Sen
GM, Powergrid

M. Vijaykumaran
Alstom T&D

Anish Anand
AGM, Powergrid

S.G. Patki
Tata Power

Rajil Srivastava
DGM, Powergrid

Deepal Shah
Brugg Kable

Organized by

CIGRE India

CBIP
ABOUT CIGRE

The International Council on Large Electric Systems, known as ‘CIGRE’ Headquartered at Paris, is a world renowned organization dedicated to constant improvement of power system technologies. The objective of CIGRE is to facilitate and promote the dissemination of technical knowledge and information on all the main themes of the field of electricity amongst 90 Member countries including India. CIGRE functions through its 16 Study Committees constituted for in-depth research and progress in specific areas of power system domain at international level. It is a matter of pride that India is represented in all the sixteen (16) CIGRE Study Committees. In addition, some more experts from India are members of the Working Groups/Task Forces formed by these Study Committees.

CIGRE organizes its sessions every even year in Paris. The Technical Discussions/Meetings held during the Conference deliberate the technical papers presented in the parallel sessions in details for five days. The next (45th) session of CIGRE is going to be held at Paris on 24-29 August 2014. About 5000 delegates from all over the world attend the session and about 300 technical papers, including seventeen (17) from India linked to the most up-to-date technical themes in the world of electricity, are going to be presented in the session at Paris in 2014.

The Committee for CIGRE (India), an affiliate of Central Board of Irrigation & Power, is the Indian Committee of CIGRE and co-ordinates the activities of CIGRE in India.

INVITATION

The Committee for CIGRE India, an affiliate of CBIP and National Committee to the International Council on Large Electric System extends a hearty welcome to the participants on the two days Conference on “Development of Power Sector at International Level – Pre CIGRE session” scheduled on 17-18 July 2014. This is pre CIGRE session event normally held by CIGRE India and CBIP after every two years.

AIMS & OBJECTIVES

The Committee for CIGRE India in its capacity as National Committee for CIGRE is organising CIGRE India session about one month before the CIGRE session 2014 being held in Paris on 24-29 August 2014 with the following aims & Objectives:

• To share experience and update the knowledge on Technological Developments & Innovations in Power System in the country.
• To have the input and considered opinion from the experts within the country on the various topics indicated in the bulletin as well as on technical papers being presented at CIGRE session 2014 in Paris.
• To propose replies on various questions put up by special reporters of technical session of CIGRE Session at Paris which could be raised and discussed with the international experts during the session.
• To plan out strategy to be adopted by the Indian delegates attending the CIGRE Paris Session to ensure maximum benefits of technical inputs for the Indian Engineers.

DATES & VENUE

Session will be held on 17-18 July 2014 in the Conference Hall CBIP, Malcha Marg, Chanakyapuri, New Delhi.

REGISTRATION

The registration fee payable by the delegates for participation in the conference is Rs. 12,000/- + 12.36% service tax extra.

Discounts in Registration fee :

Discounted fee for CBIP & CIGRE members and for Group of 5 executive from same organization - (Rs. 10,000/- + 12.36% service tax extra)

Fee for students - Rs. 6,000/- + 12.36% service tax extra.

The registration fee includes registration kit, one copy of proceedings, working lunch and tea in between the Conference. The delegates shall have to make their own arrangements for boarding, lodging and transport. Spot registration facility to a limited extent will be available.

PAYMENT & CORRESPONDENCE

All payments for the session i.e. for registration fee, sponsorship and advertisements etc. may be made through Demand Draft in favour of “CIGRE India”, payable at New Delhi or amount transferred/deposited to CIGRE Account No. 034601001054, (MICR No.110229052) ICICI Bank Limited, Bank Address : 16/48, Chanakyapuri, Malcha Marg Shopping Center, New Delhi 110 021, India. Name of the event should be mentioned under subject in all correspondence related to this session.

OFFICIAL LANGUAGE

The official language of the session is English.
TOPICS

CIGRE India expects to receive from CIGRE HQ, the reporters report and special reporters’ questions on technical papers being presented/discussed during 2014 CIGRE session at Paris, by the end of June 2014. The same will be sent to all the participants for their feedback, suggestions and contribution in supplementing the information in respect of technological developments & innovations on the following related topics:

Rotating Electrical Machines
• Developments of Rotating Electrical Machines
• Life Management of Generators
• Rotating Machines for Dispersed Generation

Session being taken by Chairman CIGRE National Study Committee - Mr. A.K. Gupta, ED, NTPC

Transformers
• Best practices for asset management
• Transformers for specialized applications
• Field experience with the use of non-conventional materials and technologies

Session being taken by Chairman CIGRE National Study Committee - Mr. M. Vijaykumaran, Alstom T&D

High Voltage Equipment
• Equipment to cater for changing network conditions
• Lifetime management and ageing of T&D equipment
• Impact of extreme operating conditions on T&D equipment

Session being taken by Chairman CIGRE National Study Committee: Mr. S.P. Hambarde, AGM, NTPC

Insulated Cables
• Feedback from newly installed or upgraded underground and submarine AC and DC cable systems
• Best use of existing T&D cable systems
• Insulated cables in the Network of the Future

Session being taken by Chairman CIGRE National Study Committee: Mr. Deepal Shah, BrugKable

Overhead Lines
• Minimizing the Impact of new Over head Lines
• Reliability and Design Optimization
• Conductors: Installation and Long Term Performance

Session being taken by Chairman CIGRE National Study Committee, Mr. Gopal Ji, GM, POWERGRID

Substations
• Substation Developments to address future needs
• Life-cycle management of substations

Session being taken by Chairman CIGRE National Study Committee: Mr. Rajil Srivastava, DGM, POWERGRID

HVDC and Power Electronics
• HVDC Systems and Applications
• FACTS Systems and Applications
• Power Electronic Equipment Developments

Session being taken by Chairman CIGRE National Study Committee : Mr. Oommen Chandy, ED, POWERGRID

Protection and Automation
• New protection and automation schemes based on Enhanced communication possibilities
• Expectations from stakeholders about IEC 61850

Session being taken by Chairman CIGRE National Study Committee : Mr. S.G. Patki, Chief – QA, Tata Power

System Development and Economics
• Improvement in system and asset performance through application of enhanced Asset Management methodologies
• New system solutions and planning techniques
• Securing investment in transmission networks with increasing RES.

Session being taken by Chairman CIGRE National Study Committee : Mr. V.K. Sehgal, ED, POWERGRID

System Operation and Control
• Managing new challenges in operational planning and real-time operation of Electric Power Systems
• Emerging Operational Issues for Transmission and Distribution Interaction

Session being taken by Chairman CIGRE National Study Committee : Mr. V.K. Agrawal, ED, NLDC, POWERGRID

System Technical Performance
• Power system technical performance in the ad vent of large deployment of power converter connected generation technologies
• Methods and techniques for the evaluation of lightning performance and insulation coordination
• Advanced methods, models and tools for the analysis of power system technical performance

Session being taken by Chairman CIGRE National Study Committee : Mr. S.K. Negi, MD, GETCO

Electricity Markets and Regulation
• Electricity Market Governance, Market Models and Market Development Objectives.
• Interaction between changing demand and energy usage profiles on market design and operation
• Integrating renewable resources from the perspective of the electricity market

Session being taken by Chairman CIGRE National Study Committee : Mr. S.K. Soonee, CEO, POSOCO

Distribution Systems and Dispersed Generation
• Design of distribution networks with high penetration of DER and new load
• Operation and control of active distribution networks and dispersed generation
• New roles and services of distribution systems for transmission system operation

Session being taken by Chairman CIGRE National Study Committee : Dr. Subir Sen, GM, POWERGRID

Materials and Emerging Test Techniques
• Electrical insulation systems under DC voltage
• Emerging test techniques and diagnostic tools
• Properties and potential applications of new materials

Session being taken by Chairman CIGRE National Study Committee : Mr. Jithin Sunder, GM, BHEL

Information Systems and Telecommunication
• Information and telecommunication technologies for connecting distributed energy resources
• Maintaining operational IT reliability in an evolving environment
• Trends in managing utility communication networks

Session being taken by Chairman CIGRE National Study Committee : Mr. N.S. Sodha, ED, POWERGRID
PROGRAMME (TENTATIVE)

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SPONSORSHIP OPPORTUNITY

The session provides an opportunity for sponsoring companies to promote their products/services to a focused audience, besides networking with utility engineers during tea/coffee and lunch intervals. Sponsors are assured of full visibility. The details of Fee and privileges category wise are indicated hereunder:

| Co-organiser | 3,00,000 | • Your Company logo on Backdrop as well as on all publicity materials for the event  
|             |          | • Advertisement (back cover) and two (2) page editorial in the proceeding  
|             |          | • 10 non residential delegates exempted from Registration fee.  
|             |          | • Table space for display of product and distribution of brochures etc. to the delegates. |
| Sponsor     | 2,00,000 | • Your Company logo on Backdrop as well as on all publicity materials for the event  
|             |          | • Advertisement (inside cover) and one (1) page editorial in the proceeding  
|             |          | • 05 non residential delegates exempted from Registration fee.  
|             |          | • Table space for display of product and distribution of brochures etc. to the delegates. |
| Co-sponsor  | 1,00,000 | • Your Company logo on Backdrop as well as on all publicity materials for the event  
|             |          | • 02 non residential delegates exempted from Registration fee. |

REGISTRATION FORM

Name : ____________________________
Designation : ____________________________
Address : ____________________________
Phone : ____________________________
Fax : ____________________________
Email : ____________________________

CONTACT ADDRESS

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