

Venue Shifted from CBIP to SCOPE Complex

Conference on Global Trends and Innovation in Development of Power Sector

(Conference being held prior to CIGRE Session 2016, world level event at Paris)

28-29 July 2016

Venue : SCOPE Convention Centre
Core 8, SCOPE Complex, Lodhi Road, New Delhi 110 003

Special Feature - Technical Exhibition

A Technical Exhibition show casing Innovations & New technologies from power industry run in parallel to the Technical Sessions. This provides an Excellent opportunity for participants to access the new technologies and also the scope for exhibitors for accessing a large number of potential buyers.



Dignitaries going to Address the Conference

President
CIGRE-India



I.S. Jha
CMD, Powergrid

Vice Presidents
CIGRE-India



Amitabh Mathur
Director, BHEL



K.K. Sharma
Director, NTPC

Chairman Technical
CIGRE-India (Designate)



R.P. Sasmal
Director, Powergrid

Vice Chairman Tech.
CIGRE-India (Designate)



N.N. Misra
Former Dir. NTPC

Chairman
CIGRE-NSC C4



S.K. Negi
MD, GETCO

Chairman
CIGRE-NSC C5



S.K. Soonee
CEO, POSOCO

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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 (46th) session of CIGRE is going to be held at Paris on 21-26 August 2016. About 5000 delegates from all over the world attend the session and about 300 technical papers, including eighteen (18) 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 2016.

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 "Global Trends and Innovation in Development of Power Sector" scheduled on 28-29 July 2016. 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 2016 being held in Paris on 21-26 August 2016 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 2016 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 at Paris in August 2016.
- To plan out strategy to be adopted by the Indian delegates attending the CIGRE Paris Session 2016 to ensure maximum benefits of technical inputs for the Indian Engineers.

DATES & VENUE

The Conference will be held on 28-29 July 2016 at SCOPE Convention Centre, Core 8, SCOPE Complex, Lodhi Road, New Delhi 110 003.

REGISTRATION

The registration fee payable by the delegates for participation in the conference is Rs. 12,000/- + S.T., per person.

Discounts in Registration fee :

- Discounted fee for CBIP & CIGRE members and for Group of 5 executive from same organization - Rs. 10,000/- + S.T., per person.
- Fee for students - Rs. 6,000/- + S.T., per person.

Service Tax Extra (as applicable)

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 2016 CIGRE session at Paris, by the end of June 2016. 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 Machines & Experience in Service
- Asset Management of Rotating Machines
- Rotating Machines for Renewable & Dispersed Generation

Session Chairman : Mr. D.K. Chaturvedi, AGM, NTPC

Transformers

- Advances in transformer diagnostic and monitoring
- EHV / UHV and EHV DC / UHV DC Transformers and their components
- Transformer windings

Session Chairman : Mr. M. Vijaykumar, Alstom T&D

High Voltage Equipment

- High voltage equipment for emerging power system conditions
- Lifetime management of transmission & distribution equipment
- Application of information technology tools for development & management of high voltage equipment

Session Chairman : Mr. R.K. Tyagi, AGM, POWERGRID

Insulated Cables

- Feedback from newly installed or up graded cable systems
- Best use of existing cable systems
- Insulated cables in the Power System of the Future

Session Chairman: Mr. Deepal Shah, PFISTERER

Overhead Lines

- Overhead Lines for high power transfer capacity
- Project management, construction and maintenance
- Application of new materials and technologies

Session Chairman: Mr. Gopal Ji, former GM, POWERGRID

Substations

- Advances in substation technology
- Developments and new thinking in substation design
- Evolution in Substation Management

Session Chairman : Mr. Rajil Srivastava, DGM, POWERGRID

HVDC and Power Electronics

- HVDC systems and their applications
- FACTS and other Power Electronic (PE) systems for transmission
- DC and other Power Electronic (PE) systems for distribution

Session Chairman : Mr. Oommen Chandy, ED, POWERGRID

Protection and Automation

- Protection Automation and Control System (PACS) Optimization and Life Time Asset Management
- Coordination of Generator & Power System Protection

Session Chairman : Mr. Subhash Thakur, AGM, NTPC

System Development and Economics

- State of the art approaches and standardization in asset management decision making

- Interface and allocation issues in planning T&D networks with multi-party projects
- New system solutions and planning techniques for flexible and robust system plans

Session Chairman : Ms. Seema Gupta, ED, POWERGRID

System Operation and Control

- Grid operation solutions to changes in generation mix including distributed and renewable generating resources
- Managing system disturbances and system restoration

Session Chairman : Mr. K.V. S. Baba, ED, NLDC, POSOCO

System Environmental Performance

- Environmental liabilities of transmission & distribution assets
- Overhead lines and underground cables: acceptability issues
- Climate Change: Implications for Electric Power Systems

Session Chairman : Mr. Anish Anand, AGM, POWERGRID

System Technical Performance

- Impact of inverter based generation and Energy Storage
- Challenges with modeling and evaluation of lightning performance and insulation coordination in the power system of the future
- Bridging the gap between EMT, FEM and positive sequence grid simulation

Session Chairman : Mr. S.K. Negi, MD, GETCO

Electricity Markets and Regulation

- Interactions between wholesale and retail markets; the future of regulation
- Market models and regulatory structures in an evolving industry situation
- Distributed resource and demand response integration from the perspective of electricity market structures

Session Chairman : Mr. S.K. Soonee, CEO, POSOCO

Distribution Systems and Dispersed Generation

- Integrated planning and operation for up grading distribution networks
- Energy infrastructure for urban networks
- Micro grids and off grid hybrid systems

Session Chairman : Dr. Subir Sen, ED, POWERGRID

Materials and Emerging Test Techniques

- Compact Insulation Systems (AC and DC)
- New materials
- Non-standardized stresses and emerging test techniques

Session Chairman : Mr. Jithin Sunder, GM, BHEL

Information Systems and Telecommunication

- New applications to control power systems
- EPU response to evolving cyber security landscape
- Mobile operational applications, systems and infra structure

Session Chairman : Mr. Prakash Nayak, MD, Power Engineering & Automation

PROGRAMME (TENTATIVE)

Time	28.07.2016		29.07.2016	
0830 - 0930	REGISTRATION			
0930 - 1000	INAUGURAL SESSION			
1000 -1030	TEA/ COFFE BREAK			
	Hall 1	Hall 2	Hall 1	Hall 2
1030 -1200	A2: Transformers	D2 : Information Systems & Telecommunications	A3 : High Voltage Equipment	C1 : System Development & Economics
1200 -1330	B2 : Overhead Lines	C5 : Electricity Markets & Regulation	A1: Rotating Electrical Machines	C2 : System Operation & Control
1330 - 1430	LUNCH BREAK			
1430 -1600	B3 : Substations	D1 : Materials & Emerging Test Techniques	B4 : HVDC & Power Electronics	B1 : Insulated Cables
1600 - 1630	TEA/ COFFE BREAK			
1630 -1800	C4: System Technical Performance	B5: Protection & Automation	C6: Distribution Systems & Dispersed Gen.	C3: System Environmental Performance

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:

Platinum - Sponsor : Rs. 3,00,000

- Your Company logo on Backdrop as well as on all publicity materials for the event
- Advertisement and two (2) page editorial in the proceeding
- 10 non residential delegates exempted from Registration fee.
- Exhibition space for display of product and distribution of brochures etc. to the delegates.

Gold - Sponsor : Rs. 2,00,000

- Your Company logo on Backdrop as well as on all publicity materials for the event
- Advertisement and one (1) page editorial in the proceeding
- 05 non residential delegates exempted from Registration fee.
- Exhibition space for display of product and distribution of brochures etc. to the delegates.

Silver - Sponsor : Rs. 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.

EXHIBITION

An exhibition concurrent to the Technical Session is also being organized. This will provide a scope to present the new technologies, materials and mechanism including software. Participants will enjoy the opportunity to inspect the exhibition and exhibitors will have an excellent opportunity of accessing a large number of potential buyers/decision makers each day. The space will be allotted on first cum first served basis.

Exhibition Charges are Rs. 1.00 lac per stall (size 3 m X 3 m) – 10% Discount to CIGRE Members.

REGISTRATION FORM

Name : _____
 Designation : _____
 Address : _____
 Phone : _____ Fax : _____ Email : _____

CONTACT ADDRESS

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Chairmen of CIGRE National Study Committee going to chair the Technical Sessions



Oommen Chandy
ED, Powergrid



Seema Gupta
ED, Powergrid



Subir Sen
ED, Powergrid



M. Vijaykumar
Alstom T&D



R.K. Tyagi
AGM, Powergrid



Rajil Shrivastava
DGM, Powergrid



Jithin Sunder
GM, BHEL



KVS Baba
ED, POSOCO



D.K. Chaturvedi
AGM, NTPC



Anish Anand
AGM, Powergrid



Prakash Nayak
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Deepal Shah
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Gopal Ji
Ex. GM, Powergrid