

**National Conference**  
**Disaster Management for Power Transmission**  
**& Distribution Systems**  
**(including Prevention of Accidents)**

(Under the aegis of CIGRE NSC C3 and A3)

**13 - 14 February 2020, CBIP Conference Hall, New Delhi**



*Organized by*

*In Association with*



**Central Board of  
Irrigation & Power**



**CIGRE India**



**Society of Power Engineers (India)**



**Sterlite Power**

## ANNOUNCEMENT

The Central Board of Irrigation and Power (CBIP) jointly with CIGRE-India is organizing a National Conference on Disaster Management for Power Transmission & Distribution Systems (including Prevention of Accidents) on 13-14 February 2020 at Conference Hall of CBIP, New Delhi.

## CONFERENCE OVERVIEW

India is prone to large number of natural calamities as well as man-made disasters. The geology of the mountains is such that it may lead to landslides avalanches causing damage to the tower foundations resulting in disruption of power supply. Out of about 7500 km long coastal line, around 5700 km is prone to cyclones and tsunamis. Around 58% land mass of the country is vulnerable in varying degrees to earthquake of moderate to high intensity. Frequent earthquakes & cyclones in the recent past are also of great concern.

Electricity is the lifeline of the economy as well as of the society. Any disruption in the supply of electricity causes not only loss to the economy, but also creates hardship to human beings, as every aspect of human life is connected with electricity. As such, any crisis situation in the power sector has great impact and needs special attention.

Power sector being one of the important infrastructures may get affected due to any disaster leading to disruption in generation, transmission and distribution of electricity. Accidents also happen in the field due to damage of equipment attributed to deficiencies like faulty design, Poor quality equipment, Manufacturing process, Transportation, Erection and Commissioning, negligence, over confidence, lack of maintenance and Supervision, ignoring the safety instructions, lack of training to staff etc.

Though Electric and fire safety, Disaster Management are the key areas where more attention is required to be given but unfortunately these areas are generally ignored and given casual attention. CBIP, while appreciating the concern, has included these important areas in the ambit & scope of it's training activities and already conducted many training programs in organizations like NHPC, KPTCL etc. on the subject of Electrical and fire safety.

The objective of conference is to sensitize the utilities to share their experiences in dealing with crisis situations and steps/measures which could be adopted for such emergency conditions. A few case studies on various types of emergency situation in power sector giving details of action taken during and post crisis period and strategy adopted to avoid reoccurrence of such incidents would be deliberated in the conference.

In order to discuss and find solution to the various issues connected with the above subjects, the Central Board of Irrigation & Power is organising this National Conference on Disaster Management for Power Transmission & Distribution Systems (including Prevention of Accidents) on 13-14 February 2020 at Conference Hall of CBIP, New Delhi.

## TOPICS

Various topics of interest have been identified for deliberation during the conference:

### A. BROAD AREAS

- Planning and Design aspect of transformer
- Manufacturing
- Transportation
- Storage
- Erection & Commissioning
- Protection and earthing
- Operation & Maintenance
- Training and Attitudinal changes
- Adoption of innovative technologies

### B. SPECIFIC AREAS

- Faulty design
- Poor quality of materials
- Bad workmanship
- Poor insulating material
- Bad transportation
- Poor storage
- Improper installation
- Non-working of protection schemes etc
- Poor / lack of earthing
- Faulty terminations

- Prolonged over load
- Unbalance load
- Poor maintenance
- Continuous oil leakage from joints/Gaskets
- Unauthorized connections
- Bushing flashovers
- On load Tap Changers
- Attitudinal changes
- Adoption of new technologies
- Disaster Management in Transmission and restoration of power supply through Emergency Restoration System (ERS)
- Grid disaster & their Management
- Disaster Management for Distribution System; DISCOM Experiences
- Cyber Threats, Cyber Security for Power sector and Hazardous chemical threats
- Crisis in Renewable Generation Projects
- Crisis & Disaster Management Plan of Power Sector
- Mobile Sub-stations
- Supply of auxiliary power from DISCOMS to EHV Sub-stations
- Reduction in DG sets use

- Black start capability in the grid
- Commercial impact and contractual treatment of climate change related disasters
- Recovery to the service provider for investing capital expenditure during disaster.

We are sure that by participating in this Conference the delegates will be highly benefited and they will have excellent opportunity with the eminent experts joining from the Power sectors.

### **SUBMISSION OF TECHNICAL PAPERS**

Experts who desire to submit case studies or present paper on above topics or any other related topic are welcome to submit the same by 31<sup>st</sup> January 2020.

### **DATES AND VENUE**

The Conference will be held on 13 - 14 February 2020 (Thursday, Friday) at the CBIP Conference Hall, Malcha Marg, Chanakyapuri, New Delhi 110021. The Conference timings will be 10.00 AM to 5.30 PM. The registration will start at 9.30 AM on 13<sup>th</sup> February 2020.

### **WHO SHOULD ATTEND?**

The Conference will be of special interest to the Professionals and Stakeholders from Central Govt. / State Govt. /SEBs, Power Utilities/Corporations, Regulators, Researchers/Academicians, Manufacturers, Planners, Operators, Consultants, Electrical Contractors, etc.

### **REGISTRATION FEE**

Registration fee for the delegates is as follows:

- (i) Rs. 12,000/- per participant.
- (ii) Discounted Fee for the CBIP and CIGRE members will be Rs. 10,000/- per participant.

**GST @ 18% shall be charged extra. GST No. 07AAAJC0237F1ZU**

The Registration fee covers the registration kit, tea/coffee/lunch during the conference. The Conference is non-residential. Participants will have to make their own arrangement for travel, boarding and lodging, etc. All payments be made through DD/ cheque at par in favour of 'Central Board of Irrigation & Power', payable at Delhi or amount deposited/ transferred to CBIP A/c no. 00031110004411, MICR No. 110240001, HDFC Bank, Swift Code : HDFCINBBDEL, IFSC: HDFC 0000003, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi – 110001

### **SPONSORSHIP OPPORTUNITY**

The Conference provides an effective opportunity for sponsoring companies to promote their products/services to a focused audience, besides networking with engineers of utility, manufacturers and academic institutions during tea/coffee and lunch intervals. Sponsors are assured of full visibility with printing of their names on proceedings, banners and other publicity material related to Conference and will have the privilege of distribution of their product's pamphlets/catalogues during the conference. Sponsors will also have the privilege of sending delegates exempted from payment of registration fee as indicated hereunder:

<b>Category of Sponsorship</b>	<b>Fee in Rs.</b>	<b>Privileges</b>
<b>Platinum Sponsor</b>	3,00,000	<ul style="list-style-type: none"> <li>• Display of Logo on Main banner &amp; other publicity material</li> <li>• Free Delegates in the Conclave (10 Nos.)</li> <li>• Free editorial in the proceedings (2 pages)</li> <li>• Advertisement on Back Cover of Proceedings</li> <li>• Table space for display of services at the venue</li> </ul>
<b>Gold Sponsor</b>	2,00,000	<ul style="list-style-type: none"> <li>• Display of Logo on Main banner &amp; other publicity material</li> <li>• Free Delegates in the Conclave (06 Nos.)</li> <li>• Free editorial in the proceedings (1 page)</li> <li>• Advertisement in side Back Cover of Proceedings</li> <li>• Table space for display of services at the venue</li> </ul>
<b>Silver Sponsor</b>	1,00,000	<ul style="list-style-type: none"> <li>• Display of Logo on Main banner &amp; other publicity material</li> <li>• Free Delegates in the Conclave (03 Nos.)</li> <li>• Advertisement in side Proceedings</li> </ul>

For further details, please contact the Conference Secretariat.

## Key Speakers



**Anish Anand**  
Chairman CIGRE NSC C3  
GM, POWERGRID



**R.K. Tyagi**  
Chairman CIGRE NSC A3  
CGM, POWERGRID

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### *National Conference*

## Disaster Management for Power Transmission & Distribution Systems (including Prevention of Accidents)

13 - 14 February 2020, New Delhi

### REGISTRATION FORM

(To be filled in block letters preferably)

Delegate \_\_\_\_\_  
(Surname) (First Name)

Designation \_\_\_\_\_

Name of Organisation \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ PIN \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Dated \_\_\_\_\_ Signature \_\_\_\_\_

### CONFERENCE SECRETARIAT

**Shri V.K. Kanjlia**

*Secretary*

Central Board of Irrigation and Power

Malcha Marg, Chanakyapuri, New Delhi 110 021, India Tel : 91-11-26115984/26116567 Fax: 91-11-26116347

Registration Form, duly filled in, is to be mailed to the following address:

**Contact Person** : Shri S.K. Batra, Chief Manager (Tech.), M: 9811943812

Email : batra@cbip.org; cbip.batra@yahoo.com; Web-site: <http://www.cbip.org>

#### Note:

- Photocopies of the registration form can be used for additional requirements, if any.
- Spot registration facilities will also be available, provided the prior information is received.