

*Information Bulletin*

# Conference on Condition Based Monitoring of Electrical Assets

**6<sup>th</sup> December 2016**  
**Hotel Crown Plaza, Ahmedabad**



*Organised by*

*In association with*



CIGRE-India



CBIP



Society of Power Engineers

**QUALITROL**  
Defining Reliability

**CENTRAL BOARD OF IRRIGATION AND POWER**

Malcha Marg, Chanakyapuri, New Delhi 110021

## **ANNOUNCEMENT**

The Central Board of Irrigation and Power (CBIP), CIGRE-India and Society of Power Engineers in association with Qualitrol are organizing a Conference on Condition Based Monitoring of Electrical Assets on 6th December 2016 at Hotel Crown Plaza, Ahmedabad, Gujarat.

Condition monitoring of electrical assets play key role in forecasting equipment healthiness and failure risk prediction. The installed capacity of power system in India has increased more than 3 GW and the system has become more complex. Accordingly, it is getting difficult to manage the assets in power system. Therefore, failure of these units can adversely impact the system stability. Furthermore, the increase in transmission level up to 765 kV AC and + 800 HVDC in INDIA demands for more sophisticated condition monitoring of major equipment's to reduce the failure rate and its financial impact on the power availability. As such, condition monitoring of equipment like EHV CBs is very much necessary for improvement in power plant availability. Most recently, controlled switching has been employed at voltage levels of 400kV and 765 kV for life cycle improvement hence, asset management of various power equipment like reactors, capacitor banks & transformers as well as the circuit breakers.

In view of the recent advancements & innovations taking place at a fast pace, it is extremely necessary for the professionals to update their knowledge in this regard. By participating this conference you will have the opportunity to meet the eminent experts on the subject, in order to build up a state-of-the-art view on the new requirements and also improvements for the future of the power system.

The aim of the conference is to provide a forum for open discussions and exchange of information on the latest state-of-the-art technology to come out with positive/concrete recommendations on the subject. It will be appreciated that it is very necessary for the professionals to capture the latest knowledge and innovations so as to keep the pace with the advancements taking place in this sector.

In today's competitive age, Utilities are faced with what seems to be impossible situation—maintaining or improving network reliability while working with reduced staffing and declining maintenance budgets. As the industry continues to restructure and evolve, utility personnel need to update themselves continuously with advanced technologies to deliver reliable power to their customers.

Keeping in view the importance of the subject and to disseminate the knowledge on the subject, the Central Board of Irrigation & Power, CIGRE-India and Society of Power Engineers in association with Qualitrol are jointly organizing this Conference.

## **TOPICS**

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

- Comprehensive monitoring for transformers, learned asset behaviours and improved asset reliability. Advanced and upcoming technologies to improve transformers failure.
- Circuit breakers, underground cables, aerial conductors, capacitor banks, distribution networks and switchgears, Advanced and upcoming technologies to improve failure prevention of these assets.
- Case Studies & Misc. Issues

## **DATE AND VENUE**

The conference will be held on 6th December 2016 (Tuesday) in the Hotel Crown Plaza, Ahmadabad.

## **PRESENTATIONS BY EXPERTS**



International expert Mr. Thomas Linn (Germany) has already confirmed his participation as one of the speaker.

He has a strong background of 22 years plus experience in high voltage equipment such as gas insulated switchgear, high voltage bushings, cables, transformers, high voltage testing, partial discharge measurement and monitoring and high voltage test equipment. Thomas graduated from Technical University of Dresden with a degree in Electrical Engineering, specialized in High Voltage Techniques. Afterwards he worked till today with high voltage equipment. 1998 he joined ABB in Switzerland and was responsible for High Voltage Onsite Testing for GIS and cables, PD measurements onsite and PD monitoring of Gas Insulated Switchgear. 2003 he took over the responsibility for the High Voltage Test Labs for routine and type testing mainly for high voltage transformer bushings.

## PRESENTATIONS BY OTHER EXPERTS

Besides Mr. Thomas Linn and other International experts, the national experts from POWERGRID, GETCO, ABB Ltd. & State utilities are going to deliver expert lectures during the conference.

## REGISTRATION FEE

Delegate Name: .....

Designation: .....

Organisation: .....

Mailing address :.....

Phone/Fax/E-mail: .....

The registration fee for attending the conference is given below:

**Rs. 5,000/- per participant.**

For a group of 5 or more participants from one organisation the discounted fee of Rs. 4000/- per participants will be charged.

Service Tax 14%, Swachh Bharat Cess @ 0.5% and Krishnia Kalyan Cess @ 0.5% extra

The conference is non-residential. The conference timing will be 10.00 AM to 5.30 PM. The registration will start at 9.00 AM on 6th December 2016.

## PAYMENTS

Registration fee shall cover the registration kit, and Tea/ coffee / lunch during the Conference. Participants will have to make their own arrangement for travel, boarding and lodging, etc.

All payments should be made by cheque at par/Demand Draft drawn in favour of "**Central Board of Irrigation and Power**", payable at New Delhi or by transfer the amount to HDFC Bank, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi 110001;

Saving Bank Account No.: 00031110004411 MICR Code: 110240001

Swift Code: HDFCINBBDEL IFSC: HDFC 0000003

## ADDRESS FOR CORRESPONDENCE

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