

National Conference on **POWER TRANSFORMERS**

24th – 25th October 2017
Hyderabad



KEY SPEAKERS



M. Vijayakumaran



P. Ramachandran



N.S. Sodha



R.K. Tyagi

Organised by



New Delhi
Central Board of
Irrigation & Power



CIGRE India



Transmission Corporation of Telangana Ltd.

ANNOUNCEMENT

The CBIP has been organising workshops/conferences in various region of the country. The matter regarding organizing the conference at Hyderabad remained in discussion with Transmission Corporation of Telangana Ltd. for a long time and now joint decision has been taken between TSTRANSCO & CBIP to organise a National Conference on Power Transformers at Hyderabad for the benefit of Professionals in the Southern Region including the Engineers belonging to TSTRANSCO. Accordingly CBIP is organizing a National Conference on 'Power Transformers' in association with CIGRE & TSTRANSCO on 24-25 October 2017 at TSGENCO Auditorium, G.T.S. Colony, Erragadda, Hyderabad.

AIM & OBJECTIVE OF THE CONFERENCE

The transformer is one of the most important and expensive asset in a power system. The increase in demand for energy will require enhancement in transformation capacity. In a deregulated environment, the electric utilities are under constant pressure to reduce operating costs, enhance the availability and improve the quality of power and services to the customers. However, the risk involved in running the system without proper attention to assets in service is quite high. In the process, the probability of losing any vital equipment like a transformer is increasing. Failure of such vital equipment can have a significant economic impact due to its high cost, long lead time in procurement, manufacturing and installation. Moreover, a failed transformer takes long time to replace, if spare transformers or components are available, or months to a year to repair or build/ procure a new one. Determining the condition of existing transformers is an essential step in analyzing the risk of failure. The condition monitoring would help in providing valuable information for life assessment of a transformer. The proper design/Specification of the Transformer also plays a vital role for ensuring a long life of the Transformers as faulty design may lead to early failure of equipment

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 as it is very necessary for the professionals to capture the latest knowledge and innovations so as to keep the pace with the advancement taking place in this sector. The accentuation of the knowledge of the professionals in this region is going to ensure better performance of Power System.

TOPICS TO BE COVERED

- Modern Trend in Power Transformer Technology
- Design Challenges and Techno-commercial Design Consideration
- Erection and Commissioning of Power transformers
- O&M of Power Transformers – Latest techniques
- Condition monitoring
- Various case studies in respect of transformer failures

DATE AND VENUE

The National Conference will be held on 24-25 October 2017 (Tuesday & Wednesday) in the Auditorium of TSGENCO, G.T.S. Colony, Erragadda, Hyderabad.

CALL FOR CASE STUDIES

Case Studies in respect of transformer failures are invited from the learned authors. Experts who desire to present case studies on the above subject are requested to furnish the article to reach CBIP office latest by 30th Sep. 2017.

WHO SHOULD ATTEND

Officers of Power Utilities/Corporations, State Govt./SEBs, Nodal Agencies, Energy Planners, Private Entrepreneurs, Manufacturers, Development Consultants, Research/Academic Institutions, Construction Companies and Financial Institutions etc.

REGISTRATION FEE

The perspective participants, desirous of attending the Conference may register themselves by sending the following details to CBIP along with necessary payments:

Delegate Name : _____
Designation : _____
Organisation : _____
Mailing address : _____
Phone/Fax/E-mail : _____

The registration fee for attending the Conference is given below:

- (i) Rs. 12,000/- per participant
- (ii) Rs.10,000/- per participant for members of CBIP and CIGRE
- (iii) Rs. 5,000/- for students

GST - 18% extra

GST No. 07AAAJC0237F1ZU

The conference is non-residential. The conference timing will be 09.00 AM to 5.30 PM on both the days. The registration will start at 9.00 AM on day one of the conference

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; Swift Code: HDFCINBBDEL; IFSC: HDFC 0000003; MICR Code: 110240001.

ADDRESS FOR CORRESPONDENCE

1. Shri V.K. Kanjlia

Secretary
Central Board of Irrigation & Power,
Malcha Marg, Chanakyapuri, New Delhi - 110021
Phone: 011 26115984/1294/26116567; Fax: 011 2611 6347

2. Shri P.P. Wahi

Director
Central Board of Irrigation & Power,
Malcha Marg, Chanakyapuri, New Delhi - 110021
Phone: 011 26115984/1294/26116567; Fax: 011 2611 6347

CONTACT PERSON AT CBIP

Shri I.B. Srivastava, *Advisor, CBIP*, M: 8130759549

E-mail: srivastavaib57@gmail.com

NODAL OFFICER AT HYDERABAD FOR LOCAL ASSISTANCE

1. Shri G. Mahesh

DE/ Training and Development
TSTRANSCO
Mob: 094408 17392
Email:ctitstransco@gmail.com

2. Shri N. Venkateshwarlu

ADE
TSTRANSCO
Mob: 09491030809
Email:ctitstransco@gmail.com

KEY SPEAKERS

Eminent speakers will address the Conference with their immense technical knowledge and also present practical case studies. The following renowned experts in field have confirmed to deliver the lecture during the Conference:



Shri M. Vijayakumaran, is former Senior Technical Expert, ALSTOM Ltd. He is having more than 40 years experience in EHV Power Transformer and Reactor Technology. He trained in Hitachi, Japan & AREVA Units in Europe in EHV Transformer Technology. He is Member in CIGRE Since 2002, have been attending CIGRE session in Paris regularly. Presently he is Study Committee member in CIGRE India A2. Shri Vijayakumaran is Active Member in Indian Standardisation Committee (BIS); ETD 16 on Transformers and TC 3 on Insulating materials. Interested Member in IEEE; Working Group Member in DGA, Transportation and Bushing Standardization study group. He is presently working as Advisor Prime meidien Hyderabad.



Shri P. Ramachandran is Advisor, ABB Ltd. Vadodara (Transformer Division). He has represented India in CIGRE Study Committee A2 on Transformers, as its regular member. He was also the Chairman for CIGRE National Study Committee on A2 (Transformers). He is having more than 40 years experience in Power Transformer Technology. He has contributed many technical papers in National / International Conferences on Transformers.



Shri N.S. Sodha graduated in Electrical Engineering with Honours from Malaviya Regional Engineering College, Jaipur in 1976. He also holds a Management Degree. Shri Sodha has rich experience of 35 years in Indian Power Sector having contributed immensely in Project Implementation, Operation, Maintenance, Renovation and Modernization of EHV Substations, System Operation through Load Dispatch Centre and Design and Engineering of Load Dispatch and Communication facilities. During his long tenure, he has worked with multinational M/s HBB Ltd (Now ABB Ltd) and PSU giants like NTPC Ltd. and Power Grid Corporation of India Limited thus bringing in best experience of both sides to Indian Power Sector. Shri Sodha superannuated as Executive Director, POWERGRID.



Shri R.K. Tyagi is presently Addl. General Manager, POWERGRID. He has passed B.E. (Electrical) from PEC, Chandigarh in 1987 and did M-Tech from IIT Delhi in 1995. He is a Fulbright Scholar from Carnegie Mellon University, USA. Shri Tyagi started his carrier from NTPC as Engineer Trainee. He joined POWERGRID during 1991 and has been associated with Operation Services, Engineering and Technology Development Departments since last 22 years. He has wide exposure on Switchgears, Instrument Transformers and Surge Arresters. He was involved in development of 1200 kV AC Technology in India. He has travelled all over the world and has presented about 27 Technical papers in various National/ International forums/ Conferences.