National Conference on

POWER TRANSFORMERS

20th – 21st February 2015
Kochi, Kerala

KEY SPEAKERS


Organised by

In association with

ISO 9001 : 2008
Kerala State Electricity Board Ltd.

CIGRE India
ANNOUNCEMENT

The CBIP has been organising workshops/conferences in various region of the country. In this context, the matter has been discussed with KSEB for a long time and joint decision has been taken between KSEB & CBIP to organise a National Conference on Power Transformers at Kerala for the benefit of Professionals in the Southern Region including the Engineers belonging to KSEB. Accordingly CBIP is organizing a National Conference on ‘Power Transformers’ in association with CIGRE & KSEB on 20-21 February 2015 at Kochi, Kerala.

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 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 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
- Quality Assurance Programme (QAP) and factory Acceptance Test of Power Transformers as per IS/IEC
- Transportation, Erection and Commissioning of Power transformers
- Power Transformer Reliability and Mitigation Techniques against major failures
- Best Practices for asset management and use of Health Index as a tool for condition assessment and application of Transformer fleet ranking by condition and criticality
- Transformer Repair and Rebuild
- Quality control and Testing
- Case studies

Experts who desire to submit case studies or present paper on topics given below are welcome to submit their papers by 10th February 2015.

DATE AND VENUE

The National Conference will be held on 20-21 February 2015 (Friday & Saturday) in the Hotel The Wyte Fort, NH 47, Bypass, Maradu, Kochi, Kerala.

CALL FOR CASE STUDIES

Experts who desire to participate for making presentations/case studies on the above subject are requested to furnish the write-ups to reach CBIP office latest by 15th February 2015.

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. 10,000/- per participant.
(ii) Rs. 9,000/- per participant for members of CBIP and CIGRE.

**Service Tax 12.36% extra**

The conference is non-residential. The conference timing will be 10.00 AM to 5.00 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;

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**ADDRESS FOR CORRESPONDENCE**

**V.K. Kanjlia**

*Secretary*

Central Board of Irrigation & Power,
Malcha Marg, Chanakyapuri, New Delhi - 110021

Phone: 011 26115984/1294/26116567; Fax: 011 2611 6347,  E-Mail: batra@cbip.org; cbip.batra@yahoo.com;

**Contact Person** at CBIP: Shri S.K. Batra, Sr. Manager -Tech., M: 9811943812

**Nodal officer at Kerala for local assistance:**

Shri V. Brij Lal

*Deputy Chief Engineer*

Kerala State Electricity Board Limited

Power Engineers Training and Research Centre (PETARC)

Moolamattom, Idukki Distt. Kerala - 685 589

Telephone: 04862-252378, Fax: 04862-252378 Email: petarckseb@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**
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. He is presently Study Committee member in CIGRE India A2. Mr. Vijaykumaran 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.

**Shri P. Ramachandran**

is Adviser 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 recently superannuated as Executive Director, POWERGRID.

Shri R.K. Tiwari is Executive Director of Bharat Heavy Electricals Ltd. – Electronics and Electronics System divisions. He was serving these two divisions as General Manager in-charge so far. A postgraduate in High Voltage Engineering from Indian Institute of Science, Bengaluru started his career with BHEL at the Bhopal unit in 1978 and has served in various capacities. He has contributed many technical papers in National / International Conferences on Transformers.

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 is representing India in MT-36 on Circuit Breakers. He was involved in development of 1200 kV AC Technology in India. He has traveled all over the world and has presented about 27 Technical papers in various National/ International forums/ Conferences.

Shri B.V. Raghavaiah has post graduated in 1981 with specialization in Power Systems & High Voltage Engineering from JNTU, Hyderabad, joined Central Power Research Institute, Bhopal as Scientist in 1981. Since then he is associated with testing and certification of all LT/HT electrical and other allied transmission and distribution equipments and implemented various developmental projects, R&D works, consultancy works and also involved in third party inspections in India and abroad, presented several technical papers in National and International levels. Presently he is holding the position of Additional Director and Unit Head of CPRI, Bhopal.

Shri Ooommen P. Joshua is General Manager, TELK Angamally. He has passed Degree in Electrical Engineering from Kerala University in 1979 and M. Tech from Cochin university in 1985. He is having more than 30 years experience in EHV Power Transformer Design and testing. He has contributed many technical papers in National / International Conferences on Transformers.

Shri P.E. Hariharan is Sr. Vice President - Safety, Quality & Testing, Prime Meiden Ltd., Andhra Pradesh. He has passed Degree in Electrical Engineering from Kerala University in 1973 and MBA from Cochin university in 1996. He is having more than 35 years experience in Electrical industries in the Quality assurance, QMS, Testing, Manufacturing, Site commissioning of Transmission equipments with specialization in Power Transformer and Reactors up to 765 kV class.