

Conference on Gas Insulated Substations and Asset Monitoring of Power Equipments

January 19-20, 2016
CBIP Conference Hall, New Delhi, India

Key Speakers



Robert Brinzer

International Expert on GIS



S.K. Ray Mohapatra
Chief Engineer CEA



R.K. Tyagi
AGM, POWERGRID



Rajil Srivastava
Chairman, CIGRE NSC B3



M. Vijayakumaran
Chairman, CIGRE NSC A2



Nihar Raj
AVP, ABB



Organised by Central Board of Irrigation & Power (CBIP)
and CIGRE India

www.cbip.org



Organised by Central Board of Irrigation & Power (CBIP)
www.cbip.org

AIM AND INTRODUCTION

The Central Board of Irrigation & Power jointly with CIGRE India is organizing Conference on 'Gas Insulated Substations and Asset Monitoring of Power Equipments' on 19-20 January 2016 at Conference Hall of Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110021.

In view of lesser availability of land, difficulty in acquisition of land, development cost of land, environmental conditions, cost of resettlement and rehabilitation of affected people, there is need for wider use of Gas Insulated substations. This conference will focus mainly on Gas Insulated Substations and best practices around on-line monitoring of electric power assets which include Power Transformers, Circuit Breakers, SF6 Monitoring, Power Cables, Power Lines, Capacitor Banks, Distribution Networks, switchgear, Generators, Motors, Distributed Energy Resources and adjacent topics. 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. With the accentuation of the knowledge of the professionals in this region there is going to better performance of Power System.

TOPICS

Papers are solicited on under two mains tracks:

- Gas insulated Substations
Design issues, Erection & Commissioning problems, Operation & Maintenance problems, Condition monitoring of GIS, GIS Technologies & benefits of GIS vis-a-vis AIS, Status of manufacturing facilities of GIS equipments in the Country and future plans of manufacturers for expansion of their facilities, Materials used in GIS and their particular properties and its experience and also various Case studies
- Asset monitoring of Power Equipments
(a) Comprehensive monitoring for transformers, learned asset behaviors and improved asset reliability. Advanced and upcoming technologies to improve transformers failure.
(b) 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

Other Electric Power assets not included in our list above are welcome as well.

Experts who desire to submit case studies or present paper on above topics are welcome to submit their papers by 10th January 2016.

PRESENTATIONS

Dr. Robert Hebner from University of Texas and Mr. Jeff Fleeman from American Electric Power have regretted their inability to present the technical paper in the conference due to personal reasons, however we have already received excellent response and contributions from POWERGRID, BHEL, OPTCL, MSETCL, BSES Yamuna Power, ABB, ALSTOM, OMICRON, Skipper Electricals, Lloyd Insulations India Limited and also look forward for a very interactive and fruitful deliberations during the conference. Besides the senior experts in field **Mr. Robert Brinzer, independent consultant for the design, installation and operations of High Voltage Plant with special emphasis on GIS and associated lifetime optimization and reliability issues, Shri M. Vijayakumaran, Chairman CIGRE National Study Committee on A2 on Transformers & Senior Technical Expert, ALSTOM Ltd., Shri R.K. Tyagi, Chairman CIGRE National Study Committee on A3 on High Voltage Equipments & Addl. General Manager, POWERGRID, Shri Rajil Srivastava, Chairman CIGRE National Study Committee on B3 on Substation & DGM, Power Grid Corporation of India Ltd., Shri Sushant Kumar Ray Mohapatra, Chief Engineer, CEA, Shri Nihar Raj, Business Head Power Consulting & Assistant Vice President - Technical, ABB Ltd.** have also been invited to deliver the lecture during the Conference. The list of papers so far received are as under :

1. Design Aspects of Online Monitoring and Control System for Power Transformers - Shyamala Venkataraman, Amit Aggarwal, Atanu Biswas, SVN Jithin Sundar
Transmission and Protection Systems, BHEL, Corporate Research and Development Division, Hyderabad
2. Performance Monitoring of Power Transformers : A novice approach - Dr. Shashikant Bakre, Superintending Engineer, Training Dept, MAHATRANSCO, Mumbai
3. Power Transformer and General Asset Management - M.L .Sachdeva, Former Chief Engineer, CEA, Sr. Consultant, Skipper Seil (India) Ltd
4. Asset monitoring practices in CESC Ltd. - Shamik Purkayastha, CESC Limited
5. Condition based ranking for reliability centered maintenance of electrical equipment - P.K. Pattanaik, AGM (Electrical), E&Mr Division Bhubaneswar, OPTCL- Odisha
6. Principle on condition monitoring of electrical equipment- the study of insulation system on dc and ac supply - P.K. Pattanaik, AGM (Electrical), E&Mr Division Bhubaneswar, OPTCL- Odisha
7. Flexible analytics for asset management of power transformers and general asset monitoring including distribution network - Ravinder Negi, Alstom Grid

8. Condition Assessment of Transformers through on line Monitoring – G.S. Papneja, Omicron Energy Solution Pvt. Ltd., New Delhi
9. SF6 Gas Handling Techniques in Electrical Utilities, Upcoming trends in SF6 gas maintenance and management - Hrushabh P Mishra, CTO, Syselec Technologies Pvt. Ltd., Mumbai
10. Online asset monitoring system (OAMs), MIDAS (Modular Integrated Distribution Automation System) - Devendra Sharma, BSES Ltd.
11. Pre-engineered & pre-fabricated steel buildings for gas insulated sub stations - K.K. Mitra, Vice President (Marketing & Technical), Lloyd Insulations (India) Limited
12. Electrical Equipment Reliability with Ultrasound - Manohar Chidurala, Operations Manager for IMENA Region, UE Systems, Inc.

DATES AND VENUE

The Conference will be held on 19-20 January 2016 at the new venue CBIP Conference Hall, Malcha Marg, Chanakyapuri, New Delhi 110021.

WHO SHOULD ATTEND?

The Conference will be of special interest to 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) Rs. 10,000/- per participants for members of CBIP and CIGRE.

Service tax 14% & Swachh Bharat Cess @ 0.5%extra

The Registration fee covers the registration kit, tea/coffee/lunch during the conference. The registration shall start at 0930 hours on 19th January 2016 at the venue. This Conference is non-residential. The timings of the conference will be 10.00 AM to 5.00 PM on both the days. 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

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:
Organization:
Mailing address:.....
Phone/Fax/E-mail:

SPONSORSHIP OPPORTUNITY

Sponsors are assured of full visibility with printing of their names on proceedings and banners of the 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:

S. No.	Category	Fee in Rs.	Free delegates	Free Advt. in proceedings
1.	Gold Sponsorship	2,00,000	6	2 pages
2.	Silver Sponsorship	1,00,000	4	1 page
3.	Support	50,000	2	-

ADDRESS FOR CORRESPONDENCE

V.K. Kanjlia

Secretary

Central Board of Irrigation & Power,
Malcha Marg, Chanakyapuri, New Delhi - 21 Phone: 011 26115984/1294/26116567; Fax: 011 2611 6347
E-Mail: batra@cbip.org; cbip.batra@yahoo.com; cbip@cbip.org
Contact Person: Shri S.K. Batra, Sr. Manager (Tech.), M: 9811943812