

Arresters for Fail SAFE PROTECTION



SURGEPROTECH

**2nd INTERNATIONAL
CONFERENCE CUM TUTORIALS
ON SURGE ARRESTERS**

28th & 29th April 2016
Hotel Le Meridien, New Delhi, India



Tutorials

28th April 2016

Conference

29th April 2016

Organised by :

ieema
your link to electricity



Jointly with :



Introduction

IEEMA, POWERGRID and **CPRI** are jointly organising the 2nd International Conference cum Tutorials on Surge Arresters will be held on 28th and 29th April 2016 at Hotel Le Meridien, New Delhi.

Surge Arrester, the most critical equipment for safe and reliable operation of Electrical Power System, plays an important role in limiting Transient over voltages, Switching and Lightning surges on Main Equipment like Transformers, Reactors and Circuit Breakers etc. The Indian Surge Arrester Industry has designed, tested and successfully commissioned polymer housed Surge Arresters for 1200 KV system at the National Test Station, Bina (India).

Objective

The first International Conference cum Tutorials on HV Surge Arresters technology and Applications was held in November 2012, New Delhi, The second International Conference cum Tutorials is being organised on 28th and 29th April 2016 highlighting the latest technological developments in the field of Surge Arresters for the benefit of power sector professionals.

These twin events (Tutorials and Conference) will be of interest to participants from:

1. Power Generation, Transmission and Distribution Utilities
2. Surge Arrester and Component Manufacturers
3. Testing Laboratories
4. Government bodies / Regulators
5. EPC Contractors and Consultants
6. Academic and Research Institutes
7. Railway Traction organizations
8. Industrial Sector
9. Renewable Energy Equipment manufacturers/developers
10. Captive Power Generators



Thursday, 28th April 2016 : Tutorials & Faculty

Following key speakers will deliver the session in the tutorials:

- **Prof. Dr. ING Volker Hinrichsen, IEC**- Surge Arrester testing and its significance as per latest International Standards
- **Prof. Bengt Johnnerfelt ,TE Energy**- Design , Selection and Application of Transmission line Arresters
- **Mr. O. Balagangadhar, Oblum** - Latest developments in technology and performance of Metal oxide varistors
- **Dr. N. Vasudev, CPRI**- Application of silicone rubber and testing for Polymer Surge Arresters

Friday, 29th April 2016 : Topics for Conference

The following major topics will be covered:

- Technical and Design Aspects of Surge Arresters
- Selection and Application of Surge Arresters
- Performance Assessment - Case Studies and operational experiences
- Condition Assessment
- Transmission line Arresters
- Surge Arresters Testing
- Surge Arresters for Distribution System
- Pollution performance and voltage distribution of Arresters
- Installation and Commissioning including Earthing
- Short circuit testing and Evaluating test results
- HVDC Surge Arresters
- Latest developments in HV metal oxide varistor technology

Papers in the above mentioned areas are invited from the learned authors. The main topics mentioned above are suggestive and not restrictive. Papers on subjects related to the theme of the seminar will be encouraged

Key Note Speaker : The Conference Key Note address will be delivered by Prof. Dr. ING Volker Hinrichsen, Chairman of the IEC Committee on Surge Arrester (IEC-TC 37) emphasizing on the revised IEC -60099-4, June 2014.

Last date of submission of synopsis is 30th October 2015

Last date for submission of final paper is 31st January 2016

Who should Attend

The SURGEPROTECH will give an opportunity to participants from various stakeholder groups in the Surge Arrester value chain to share their expertise. The Tutorial cum Conference will also provide detailed insights on various key system components and their latest technological trends, keeping in mind an end-to-end solutions scenario in the expected smart world. The challenges being faced by different stake holders will be discussed at length to enrich the experience of all the participants, and enhance their knowledge with a real-world approach. This Tutorial cum Conference is envisaged to benefit Utilities, Industries, various Government bodies and other Stake holders in strengthening their technological choices, while offering them the options to empower and utilize existing infrastructure for a sustainable future.

We aim to gather a cross-section of all knowledgeable stake-holders under a single umbrella and channelize all the efforts in the direction of building a future which is beneficial for all.

Registration

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

Delegate Name: Organisation:

Mailing Address: Phone/Email/Fax:

REGISTRATION FEES

Category	Conference or Tutorial per delegate (ONE Day)	Conference and Tutorial per delegate (TWO Days)
IEEMA Members	₹ 5000	₹ 10000
Non IEEMA Members	₹ 6000	₹ 12000
Utility/Discoms	₹ 4000	₹ 6000
International	US \$ 200	US \$ 300
Student	₹ 2000 delegate	

Fee is Inclusive of Service tax



Other Attractions

Scope exists for organizations to be Co- hosts with following attendant benefits:

Category	Fee	Delegates free
Platinum	₹ 5,00,000	10
Gold	₹ 4,00,000	8
Silver	₹ 3,00,000	6

The additional benefits will include the logo on the backdrop, tabletop space to display their brand materials and logo on Thank you sponsor board.



Payments

All payments to be made by Cheque /DD in favour of IEEMA payable at Delhi

In case of transfer through NEFT/RTGS details are as under:

Name of Beneficiary : Indian Electrical & Electronics Manufacturers' Association

Bank Name & Branch : Oriental Bank of Commerce, Panchkuian Road, New Delhi

Account No. : 05021131002201

IFS Code : ORBC0100502

Overseas delegates to send Transfer Advices to "IEEMA SAWTEC A/C 00492110002988" with Bank of India, Worli Naka Branch, Pankaj Mansion, Dr A B Road, Worli, Mumbai-400018 (INDIA), under intimation to IEEMA (SWIFT Code BKINDINBBWRN)

Organisers

IEEMA

Indian Electrical and Electronics Manufacturers' Association (IEEMA) is the apex association of manufacturers of electrical, industrial electronics and allied equipment in India. Founded in 1948, IEEMA has over 800 member organisations encompassing the complete value chain in power generation, transmission and distribution equipment. IEEMA, the natural voice of Indian electrical industry plays a crucial policy advocacy role with the government and its agencies. It organises technical product-specific international seminars, national conferences and workshops, alongwith training programmes for capacity building of technical personnel in the country and abroad. IEEMA organizes ELECRAMA, the largest exhibition of electrical, industrial electronics and allied products in the world. This biennial event is hosted over 1200 exhibitors from about 30 countries & attracted over 125,000 attendees.

POWERGRID

POWERGRID, a "Navratna" Central Public Sector Enterprise is the Central Transmission Utility (CTU) of the country and is engaged in transmission of electric power through Inter-State Transmission System. POWERGRID is ensuring development of efficient, co-ordinated and economical interstate Transmission System and achieving excellent availability of the Transmission System*.

About 50% of the total Power generated in the Country is wheeled through POWERGRID Transmission Network.

*(*through State of Art Condition Monitoring Practices)*

CPRI

CENTRAL POWER RESEARCH INSTITUTE serves as an independent authority for testing and certification of power equipment and undertakes quality assurance tests as per national (IS) and International standards, like BS, IEC, ANSI, Canadian standards etc. All the test facilities are of the state of the art type and compare well with the facilities available at other international laboratories like KEMA-Holland, CESI, Italy, IREQ, Canada etc., It has a unique Computer-controlled Impulse Current Generator of rating 100 kA, 150 kJ established in 1996 incorporating all conceivable features in a single consolidated design and is perhaps the only one of its kind in this part of the world. CPRI is in the process of upgrading the generator to 100kV 300kJ to take care of all type tests on ZnO blocks and prorated sections upto 12kV as per IEC 60099-4 edition 3 and IEEE C62.11 2012.

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