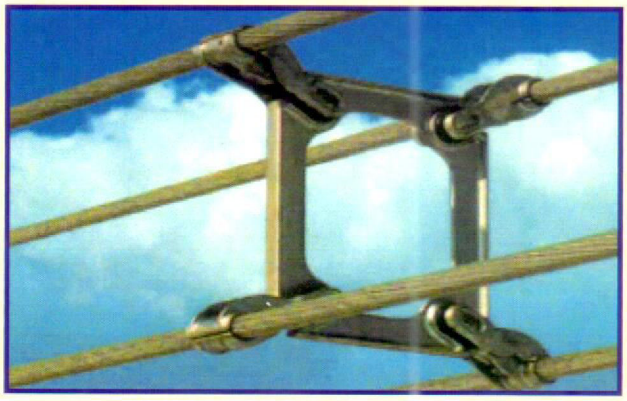
NATIONAL SEMINAR ON
DESIGN, TESTING AND ANALYSIS OF POWER TRANSMISSION LINE COMPONENTS AND ACCESSORIES
13th February-2020

Call For Paper



ORGANIZED BY : MECHANICAL ENGINEERING DIVISION

Central Power Research Institute

(A Govt. of India Society

Prof. Sir, C.V. Raman Road, Post Box No.8066,

CPRI Profile

Central Power Research Institute (CPRI) set up in 1960 by the Government of India. functions as a National organization for applied research in power sector and also serves as an independent laboratory for testing and certification of power equipment. The laboratories are accredited as per ISO 17025 standards. CPRI is a member of STL (Short Circuit Testing Liaison) of Europe and accredited by M/s ASTA of UK. CPRI also provides consultancy services on various facets of power sector. CPRI has expertise in the area of simulation diagnostics, system analysis and testing, CPRI laboratories have modern equipment needed for power system simulation. short circuit testing. diagnostics of equipments, materials engineering, Seismic qualification etc. CPRI has experienced faculty in different subjects concerned to power sector with practical experience in their respective areas of interest, as well as extensive experience in presenting courses/seminars. Over the period, CPRI officers have gained lot of practical knowledge concerning to testing and operational problems of the industry. CPRI is a leading provider of Training and Continuing Education to Utilities, PSUs, across the country for than five decades.

CPRI is continually setting new standards in training and continuing education from basic theoretical information to practical hands-on electrical equipment training. CPRI courses have made a substantial impact on the level of training and education to India's electricity utilities, manufacturing companies, transmission and distribution companies. By upgrading the occupational skills of technical workers, CPRI training courses have improved the career path of many electrical personnel, as well as contributed to an improvement in electricity efficiency, plant productivity, electrical system reliability and overall competitiveness of Indian industry.

Help your companies generate profits by being well trained and upgradation. Join the long list of satisfied and informed delegates from industry who have attended our courses, seminars etc over the past many years.

This seminar deals with the basic design as well as latest testing of transmission line components and accessories. The right choice of the relevant components their quantity, optimal locations are to be discussed based on terrain and environmental conditions.

About the Seminar

The transmission lines are the vital links between the generating stations and transmission & distribution systems. Over the next few years, the demand for transmission capacity is expected to increase dramatically. The transmission line system has not only to expand in capacity but also to be more flexible and have greater margin to enable integration of various power sources. India is currently focusing on introducing 1,200 kV A/C voltage in the country. 1200 kV Ultra high voltage A/C test station has been established at Bina for the development of 1200 kV equipment. The required corridor for new transmission lines and increased demand for power can be met by Up-rating or Up-grading the existing transmission lines with suitable modifications. Efficient use of High temperature low sag conductors and available Right of Way (ROW) by adopting new techniques should be one of the primary objectives of transmission line system planners.

In this regard, Mechanical Engineering Division of CPRI, Bangalore is organizing a One day Seminar. which will provide a common platform for manufacturers, professionals and the utility engineers to discuss the basic design as well as testing of transmission line components and accessories. This Seminar will help you to understand a cost effective design and testing practices. The right choice of the components their quantity, optimal locations are to be discussed based on terrain and environmental conditions. The confabulations in the Seminar will certainly benefit the participants

In order to achieve the objectives of covering various aspects of overhead transmission line components and accessories, technical papers are solicited on any subject pertaining to the scope of the Seminar, but is not limited to, the following major topics.

- Testing of High temperature low sag conductors under varying loading conditions.
- Upgradation and Uprating of overhead transmission lines, like conductors, towers etc.
- Design strategies, selection of damper masses and their positions for maximum power transmission lines.

- Failure investigation and analysis of overhead transmission line conductors and accessories.
- Vibration/fatigue test on overhead transmission line conductors and accessories.
- New material for overhead transmission line conductors and accessories.
- Wind effects on transmission line conductors, structures and insulators.
- Compact Transmission Line Towers and Structures.
- Mechanical testing of Conductors, transmission line towers, Poles, insulators and other related accessories.
- Any other topics relevant to Seminar.

Guidelines & Call for papers

Authors are invited to submit the paper on any of the above mentioned topics. Authors are required to submit the papers in MS word format of full length paper limited to 6 pages in IEEE format which is available on www.ieee.org/power The photo ready paper along with soft copy in MS word format in CD /E-mail should reach the organizers/Co-ordinators before the due date. At least one author of each accepted paper must register for the Seminar and pay the registration fee before the paper is released for publication or scheduled for presentation in a session during the Seminar.

Who should attend

The Seminar will be useful to share and acquire knowledge on latest developments for manufacturers of electrical equipments, manufacturers of test and measuring equipments, utilities, researchers, policy makers, academicians, research scholars, students, transmission power consultants/contractors, testing and O&M engineers etc

Important Dates/Deadlines

Submission of Papers	10th January, 2020
Notice of acceptance	15th January, 2020

Registration

All the participants including authors will have to register as delegate by paying registration fee as below. The registration fee includes Seminar proceedings. delegate kit. Working lunch and tea. Delegates are required to make their own arrangements for boarding/lodging and transport. Registration form. The forms completed in all respect shall be sent along with registration fee in the form of Demand Draft drawn in favor of "Accounts Officer. Central Power Research Institute" payable at Bangalore. Photocopies of the registration forms are acceptable.The registration charges will cover lunch and tea for one day and the Seminar kit with proceedings in soft form. The concessional/discounted rates for delegates are as furnished below:

Sr. no	Institutions	Discount Fee per person per day
1.	Faculty members of Educational Institutions	Rs. 3,500/- +GST (including 30% discount)
2.	Students of Educational Institutions	Rs. 2,500/- +GST (including 50% discount)
3.	Group discount for private organizations for the nomination of: (a) Minimum 3 participants. (b) Minimum 4 or more participants.	 Rs. 4,500/- +GST (including 10% discount) Rs. 4,000/- +GST (including 20% discount)
4.	State Power Utilities	Rs. 3,500/- +GST (including 30% discount)
5.	Others	Rs. 5,000/- + GST

Sponsorship Opportunities

CPRI invites all manufacturers/utilities/academic institutions etc. to make use of the opportunity of this event to enhance their business oppurtunities by way of sponsorhip.

Category / Type	Amount (Rs.)	Privileges	
		Free delegates	Name/Logo
Platinum	75,000/-	5	Seminar venue, Seminar website and display of advertisement inside the Hall
Gold	50,000/-	3	Seminar venue, Seminar website and display of advertisement outside the Hall
Silver	40,000/-	2	Seminar venue, Seminar website.

Seminar Venue and Date
February – 13th 2020
Venue: CCAR, CPRI Bangalore

TECHNICAL COMMITTEE

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