

# एल टी/एच टी स्विचगियर एवं कन्ट्रोलगियर - स्मार्ट तकनीकी पर राष्ट्रीय सम्मेलन



## NATIONAL CONFERENCE ON



## LT/HT SWITCHGEAR & CONTROLGEAR - SMART TECHNOLOGIES

DATE : 28<sup>th</sup> & 29<sup>th</sup> FEBRUARY 2020

VENUE : HOTEL COURTYARD BY MARRIOTT, DB CITY MALL, BHOPAL



आयोजक

Organized by

केन्द्रीय विद्युत अनुसंधान संस्थान

स्विचगियर परीक्षण तथा विकास केन्द्र, गोविन्दपुरा भोपाल - 462023

**CENTRAL POWER RESEARCH INSTITUTE**

Switchgear Testing & Development Station, Govindpura, Bhopal- 462023 (M.P.), India.

Website: [www.cpri.in](http://www.cpri.in)

**CPRI : STL MEMBER**

## **ANNOUNCEMENT**

Central Power Research Institute, Bhopal is organizing a National Conference on **"LT/HT SWITCHGEAR & CONTROLGEAR – SMART TECHNOLOGIES"** on 28<sup>th</sup> & 29<sup>th</sup> February, 2020.

## **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 equipments. Switchgear Testing & Development Station popularly known as STDS was established in the year 1965 in central India at Bhopal, with state-of-art facilities for carrying out Short-Circuit tests on all LT/HT Switchgear & Controlgear Equipments, Power Transformers and other Transmission & Distribution equipments up-to 132kV class for performance evaluation & certification as per National & International Standards.

The test facilities and services being rendered to manufacturers & utilities are accredited by National & International bodies such as:

NABL as per ISO/IEC 17025, BIS, ASTA Intertek UK., Member of Short Circuit Testing Liaison (STL) of Europe. CPRI has been recognized as an approved test house by various power utilities in Bahrain, Saudi Arabia, Middle East, Far East, SAARC Nations and countries of Africa.

## **ABOUT THE CONFERENCE**

The conference offers a wide opportunity for interaction and exchange technical ideas among participating experts; aiming to achieve development in switchgear technology, integration and assessing the technological progress relating to manufacturing / transmission and distribution of electrical energy.

## **THE THEME**

In the modern power system, the grid design, operation and its performance mainly depends on the switchgear technology so that the grid can be operated safely and efficiently. The present power sector scenario is that lot of electrical equipments with latest technological developments are available in the market for smart applications. However when all these power equipments are integrated to operate the power system, lot of controlled/ protective devices and monitoring systems are required to maintain the system stable against sustainable high voltages and increasing fault currents. This conference will address to the need of suitable switchgear and controlgear required for operation of large integrated smart grids and related applications to meet the expectations of utilities and manufacturers with more economic, efficient and environment friendly manner.

## **TOPICS**

This conference will cover all three product segments viz. UHV, HV and LV equipments. Technical papers are invited on topics given below:

- Future trends in Design, manufacturing and application of UHV/HV/LV Switchgear & Controlgear equipments.
- Switchgear for compact substation and smart grid.
- GIS and Hybrid switchgear technology.
- Switchgear for specific applications, viz. Mining, Refinery and High Altitude areas.
- Integration of switchgear and controlgear with automation processes.
- Monitoring, Protection and control systems.
- Switchgear Testing, evaluation & standards for global needs.
- Condition monitoring and preventive maintenance of switchgear.

**THEME : SMART SWITCHGEARS & CONTROLGEARS FOR FUTURE**

- Material and process for efficient switchgear.
- Safety and environmental aspects.
- Switchgear for renewable energy.
- Intelligent Switchgear for energy management.
- Environmental friendly manufacturing technology for switchgear
- Asset Management / Life cycle of Switchgear equipment
- Latest Maintenance Techniques.

## CALL FOR PAPERS

Prospective authors are invited to submit a paper by e-mail to [switchcon2020@cpri.in](mailto:switchcon2020@cpri.in), with name, organization, telephone, Fax and e-mail address by **10<sup>th</sup> February, 2020**. The paper should contain its objective, original contribution along with important results and conclusions.

Soft copy (Pdf & docx) of the full length paper is to be submitted strictly as per the following format: Paper size: A4, No. of pages: 6-8 including tables & figures, Single Column, Font: Arial, Single Spacing.

**It is mandatory for any one of the authors to register and present the paper for inclusion in the Conference e-Proceeding.**

## IMPORTANT DATES:

Submission of full length paper : 10<sup>th</sup> February, 2020

Notification of Acceptance : 15<sup>th</sup> February, 2020

Final Submission of Paper & Registration : 20<sup>th</sup> February, 2020

**REGISTRATION:** Participants desirous of attending the Conference are required to register and pay the registration fees as below:

Delegate	Amount inclusive of GST
Manufacturers	Rs. 10,000
Technical Institutions/ Electricity Board/ Utilities	Rs. 7,000
Students	Rs. 5,000
Foreign Participants	US\$ 350

**Group discount of 10% for minimum 3 & 20 % for 4 or more participants. ( applicable only for manufacturers )**

The above charges include conference kit / e-proceedings, lunch, tea/coffee. Acceptance or Rejection of any delegate is at the sole discretion of CPRI.

**VENUE : HOTEL COURTYARD BY MARRIOTT, DB City Mall, BHOPAL**

## ACCOMMODATION:

Delegates are requested to make their own arrangements for Stay & Travel during the conference.

## ABOUT BHOPAL:

The city is the capital of M.P. situated in the heart of India. It is a historical city of Nawabs and also known as city of lakes. Bhopal is famous for its one of the largest Mosque of Asia and largest temple of Shiva at Bhojpur. Earlier it was the capital of Gurjar Pratihara King Bhoj. City is having an International Airport and well connected with Railways. The climatic condition is very pleasant with an average temperature of 20 degree C in the month of February. Some of the tourist attractions in and around Bhopal are Tajul Masjid, Bhojeshwar Temple, Lakes, Sanchi Stupas, Bhimbetika etc.

## CPRI : STL MEMBER

**SPONSORSHIP:** Organizations willing to enhance their presence in the conference and support the event for its success may choose the benefit of sponsorship and advertisement.

Category/ Type	Amount Rs	No. of delegates Without registration fees	Advertorial pages in the e- proceeding
Platinum	5,00,000	8	2
Gold	2,50,000	4	1
Silver	1,00,000	2	Half

- The name, logo & Advt. of Platinum, Gold & Silver sponsoring organization will be included in the e-Proceedings and venue of the conference.
- Event sponsors are also invited, for details please contact us.  
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