



**Webinar**

**On**

## **Testing requirements of MV Switchgear for Renewable Energy Application**

**8<sup>TH</sup> MARCH 2021  
(10:00-13:00 &  
14:00-17:00 Hrs)**



**Organized by  
High Power Laboratory,  
CPRI - Bangalore, India.**

### **TOPICS COVERED:**

Growth of Renewable energy power generation.

Understanding the concept of power evacuation from solar and wind power generation plants.

Sources of switching transients in solar and wind power generation plants.

Technical requirements of MV Switchgear for Renewable energy application.

Testing requirements of MV Switchgear for Renewable energy application as per IEC : 62271.

MV Switchgear Testing Facilities at HPL, CPRI Bangalore.



### **REGISTRATION FEE**

The participation fee for the webinar is

State Power Utilities/Gov. agencies	Rs. 1,500/- + GST per Participant
Private sector organizations	Rs. 2,000/- + GST Per participant
Faculty members of Educational Institutions	Rs. 1,000/- + GST per Participant
Students of Educational Institutions	Rs. 500/- + GST per Participant
Account No.	10356553310
Acc. Name	Central Power Research Institute
Bank Name	State Bank of India, IISc. Branch, Bangalore
IFSC Code	SBIN002215

#### **Note:**

Account Details for Online Payment: Please enter "HPLWEB" in remarks while doing transaction which is mandatory.

**Last Date of Registration: 3rd March 2021**

## **KEY SPEAKER**

**V. RAMESH,**  
**Head-Technology function,**  
**ABB Electrification**  
**Distribution Division,**  
**Nashik, Maharashtra.**



Over 34 years of experience in HV, MV and LV switchgear in Research & Development function. Worked across various products from low voltage HRC fuses, Circuit breakers of various insulation medium like Minimum Oil, Bulk Oil, SF6 (Both Puffer & Rotating Arc) to present generation Vacuum Technology. Experience also includes development of off-load disconnectors from 11 kV to 800 kV.

Published over 30 Technical papers in both National and International Conference on Switchgear.

21 Patent filed over the years of experience.

Technical committee members in Bureau of Indian Standards, IEEMA

At Present heading the Technology function in ABB Electrification Distribution Division and based out at Nashik, Maharashtra.

## **ADDRESS FOR CORRESPONDENCE**

Please share the payment details along with the participants information (name, email and mobile no.) to the following members;

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**P.B. No. 8066, Bangalore—560 080.**

**E- certificate will be issued to all the Participants**

## KEY SPEAKER



**Sandeep Kulkarni,  
Senior Manager –  
Technology,  
CG Power and  
Industrial Solutions  
Limited, Aurangabad.**

- ◆ Born and brought up Nashik
- ◆ Completed Electrical Engineering from KKW College in 2001.
- ◆ Joined CG in 2001 as a graduate trainee in Corporate Research & Development Centre, Mumbai
- ◆ Research areas included: Capacitors, Vacuum Interrupters and Superconductors.
- ◆ Completed MSc (Research) in High Voltage in 2008 from IISc Bangalore. Topic of research: “ Study of Arc Voltage as a function of Vacuum Interrupter Design and Short-Circuit Current”.
- ◆ Headed the specialised research team, “Arc Physics and Switching Technology” in Global R&D Centre.
- ◆ Shifted to Vacuum Interrupters division, Aurangabad in 2015.
- ◆ Presently working as the head of design and development of Vacuum Interrupters product line. Present designation: Sr. Manager – Technology.
- ◆ Published and presented about 15 papers in national and international conferences and journals.
- ◆ Represented India on CIGRE WG A3.27 (2010 to 2014)
- ◆ Member of permanent international scientific committee (PISC) of International Symposium on Discharges and Electrical Insulation in Vacuum (ISDEIV) (first and only member from India)

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## **SPEAKERS**



**Rajaramamohanarao  
Chennu**  
**High Power Lab,  
CPRI Bengaluru**

He is currently working at High Power lab of Central Power Research Institute, Bangalore. He is M.Tech from IIT Roorkee. His areas of Interests are Power Quality, Power electronics, power system stability. 11 years in the field of High power testing of Electrical Equipments.



**M Chandra Sekhar**  
**High Power Lab,  
CPRI Bengaluru**

He is currently working as Engineering Officer at High Power Laboratory, CPRI Bangalore. He is Post graduated in “power system engineering” from NIT Warangal. His interest area: High power testing of switchgear, transformer, power system equipments, power system analysis, and artificial intelligent application to power system.

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## **SPEAKERS**



**Govinda Rao G**  
**High Power Lab,**  
**CPRI Bengaluru**

He is Engineering officer at High Power Laboratory, CPRI Bangalore. He obtained his graduation in Electrical Engineering from Institution of Engineers (India) and MBA(HRM) from Annamalai University. He has 21 years of experience in which 10 years of experience in Testing & Trials, operation and maintenance of electrical equipment used in Indian Navy and 11 years of experience in CPRI in the field of testing & development and consultancy of electrical equipment as per National & International Standards.



**Arunkumar**  
**Sellappan**  
**High Power Lab,**  
**CPRI Bengaluru**

He completed ME High Voltage Engineering from College of Engineering, Anna University, Chennai. Joined Crompton Greaves Global R&D Center in Mumbai. Worked in the area of vacuum interrupter research, design and development. Presently working as an Engineering officer in High Power Laboratory, CPRI, Bangalore.

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## **SPEAKERS**



**Rajkumar Malapati**  
**High Power Lab,**  
**CPRI Bengaluru**

He is currently working as Engineering Officer in High Power Lab, CPRI-Bangalore. Completed Graduation of Electrical and Electronics Engineering in 2007. Having experience in Power Transformer designing for 9 years from leading Transformer manufacturing companies.



**Sreeram V**  
**High Power Lab,**  
**CPRI Bengaluru**

He obtained his B.Tech degree in Electrical and Electronics Engineering from NIT Calicut in the year 2010. He worked for NTPC Ltd in the nuclear sector for two years. He obtained his ME degree in Electrical Engineering from the Indian Institute of Science in 2014. His research interests include electromagnetics, electrical machines and power systems. He is currently working in High Power Laboratory, at CPRI, Bangalore.

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