

Online Training Program on

SWITCHGEAR SELECTION FOR PCC & SELECTIVITY

25-26 Nov. 2020 (1500 to 1630 hours)

KEY TAKEAWAYS

- ✓ LV switchgear terminologies as per IS/IEC 60947.
- ✓ Different types of Circuit Breakers used in LV system.
- ✓ Parameters to be considered for selection of MCCB & ACB in PCC panel
- ✓ Advance features of modern protection releases
- ✓ Coordination (Selectivity) applicable to LV switchgear.

KEY SPEAKERS



SMITA VISHNU SHINDE
L&T



NARENDRA KASHYAP
L&T

ORGANISED BY



In association with



Shashank Sharma
Assistant Manager,
Central Board of Irrigation & Power



9650782428



shashank@cbip.org
shashank271993@gmail.com

ABOUT ORGANISERS

Central Board of Irrigation & Power (CBIP)

a premier Institution, setup by Government of India in 1927 has been serving the nation in the disciplines of Water Resources, Power & Renewable Energy Sectors for more than 93 years. It is an exchange and knowledge bank for dissemination of technical knowledge & professional experience to help Engineers/ Professionals to update their knowledge and gain practical know-how.

CBIP's main objective is to disseminate technical knowledge through various modes, e.g., publication of technical documents, organizing conferences /workshops and to provide specialized training to the professionals in the Water Resources, Power & Renewable Energy Sectors.

L&T Electrical & Automation (E&A) is a market leader for electrical distribution, monitoring and control solutions in the low voltage category. E&A offers a wide range of its brand L&T Switchgear comprising low and medium voltage components, electrical systems, industrial automation, building electrical solutions, energy management solutions, solar energy solutions, electrical modernization solutions and metering solutions.

L&T Switchgear Training Centre (STC) was set up with the objective of enhancing knowledge and necessary skill sets of personnel for proper maintenance and efficient working of electrical equipment and systems for industry wide improvements in productivity and higher profitability. STCs promote good electrical engineering practices and provide an excellent platform for discussions and learning on technical issues.

International Conference on Electricity Distribution (CIRED) is an international association set up in Belgium. CIRED works for the purpose of increasing the business relevant competencies, skills and knowledge of professionals of countries participating in CIRED's activities. CIRED is active in the technical field of Electricity Distribution Systems, including dispersed and embedded generation issues.

OBJECTIVE

In view of current scenario and with the aim to discuss and give a better understanding to the professionals and engineers of what is causing the power quality issues, the effect they are having on the facility and the mitigation solutions that can be implemented to resolve them, **CBIP** jointly with **L&T Electrical & Automation** is organizing online training program on **"SWITCHGEAR SELECTION FOR PCC & SELECTIVITY"** on 25th-26th November, 2020 (1430-1630 hours).

KEY TAKEAWAYS

The topics that will be covered during the program are:-

- *LV switchgear terminologies as per IS/IEC 60947.*
- *Different types of Circuit Breakers used in LV system.*
- *Parameters to be considered for selection of MCCB & ACB in PCC panel*
- *Advance features of modern protection releases*
- *Coordination (Selectivity) applicable to LV switchgear.*

UNIQUE FEATURES OF ONLINE PRACTICAL TRAININGS

- Training with high safety of participants w.r.t. COVID19
- No travel related costs
- Learning and working balance as our sessions are planned for half day
- Flexibility to join via android/iOS mobile phones
- Well proven online platform with high cyber security
- Live message chat, Live voice chat, polls and Quiz
- Real time engagement
- Experts Panel discussions with Case studies
- Working Group Discussion within participants
- Demonstration of practical aspects through videos
- E-Certificates

Note:

- Audio/video recording is prohibited; however the presentations will be shared with participants via e-mail.
- Organisers will not be responsible for any quality and interruption of audio/video due to poor internet connectivity at the customer end.
- Online training session link will be provided to the participants only. Forwarding the link to other person is strictly prohibited.
- The participants must adhere to the time schedule fixed for the training.

- **The program shall be conducted in Microsoft Teams.**

KEY SPEAKERS



MS. SMITA VISHNU SHINDE

She is a graduate in Electrical Engineering and a part of industry from the last 14 years. Her area of expertise ranges from Selection of Low Voltage Switchgear, LV Switchboard Design to Power Distribution in Buildings etc.



MR. NARENDRA KASHYAP

He has completed his graduation in the Electrical & Electronics Engineering. He has more than 8 years of industrial experience including last several years in the field of training. In his journey, he

has worked in various departments like Operation, Maintenance, and Commissioning of Power & Steel Plants. His area of expertise is in Power System Protection, Numerical Relays, Power Transformers, Variable Frequency Drives and Selection of Switchgear & Maintenance. As a faculty member, hem has been regularly conducting sessions for national & international participants on Relay Co-ordination, Transformer & Generator Protection, LV switchgear Selection, Testing and Maintenance etc.

WHO SHOULD ATTEND?

The training program is open to various utilities and industry organizations/ individuals in the field of power system.

REGISTRATION FEE

The duration for the training program will be of 120 minutes each day (1430-1630 hours) out of which 75 minutes will be for technical session followed by 45 minutes for question/ answer session. The participation fee for the program (for full 2 days) shall be:-

Number of Participants	*Member Fee per nomination	*Non-member Fee per nomination
1 or more	Rs.3,000	Rs.3,600
5 or more	Rs.2,800	Rs.3,200
10 or more	Rs.2,400	Rs.2,800
15 or more	Rs.2,000	Rs.2,400
Ph.D Scholars or M.Tech Students(max age=35 years)		Rs.1,000

***18% GST will be charged extra.**

(GST No. 07AAAJC0237F1ZU)

The program is limited to 200 participants.

TO REGISTER:

The perspective participants, desirous of attending the training program may register themselves by sending the following details to CBIP along with necessary payments:

Name: _____

Designation: _____

Organization: _____

Mailing address: _____

Mobile No.: _____

Note: After registration, the participants will be provided the link 1 day prior to the session to participate.

Payments of registration fee should be made by cheque at par/Demand Draft drawn in favour of "**Central Board of Irrigation and Power**", payable at New Delhi or by transfer the amount to HDFC Bank,

Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi 110001,

Saving Bank Acc. No: 00031110004411;

Swift Code: HDFCINBBDEL;

IFSC:HDFC0000003; **MICR Code:**110240001

ADDRESS FOR CORRESPONDENCE

Shri A.K. Dinkar, Secretary, CBIP

Shri A.K. Bhatnagar, Director, CBIP

Nodal Officer: Shri Shashank Sharma,

Assistant Manager,9650782428

E-mail:- shashank@cbip.org, cbip@cbip.org;

shashank271993@gmail.com;

Central Board of Irrigation & Power

Malcha Marg, Chanakyapuri,

New Delhi – 110021, Phone: 011 26115984