

## COURSE DESCRIPTION

# INTCV608

## Relion® PML630 cPMS Series Programming



### The goal

The aim of this course is to familiarize the participants with the programming and communication configuration of PML630/cPMS

### Learning objectives

After this course the participant will be able to:

- Configure load shedding application using PCM600 for numerical protection relay configuration and IEC61850 information flow
- Execute parameterization for load shedding functions
- Manage the relay settings from LHMI
- Handle Relion® PML630 relays

### Participant profile

System engineers and technical personnel who want to learn engineering of Relion® PML630 relays.

### Prerequisites

Participants shall have a good knowledge of protection systems, protection equipment, protection functions and the configured functional logic in the numerical protection relays.

### Topics

- Introduction to compact power management solution cPMS/PML630
- PCM600 engineering for numerical protection relays
- PCM600 engineering for PML630
- SMT engineering for numerical protection relays and PML630
- Download configurations in numerical protection relays and PML630
- Establish communication between feeder numerical protection relays, PML630 and simulator based on power network scenario
- Data validity check
- Fast load shedding scenarios
- Slow load shedding scenarios
- Manual load shedding
- Disturbance recorder, WEB HMI

**Course type**

This is an instructor led seminar with class room lectures, demonstrations, application and hands on practice. The language of the course is english.

Note: Course INTCV609 training shall be included if COM600 is required with compact power management solution cPMS/PML630.

**Laptop** or tablet is required to have access to the e-documentation. Please bring your own device.

**Duration**

The duration of the course is three days.

**To Register:**

LMS:-[MyLearning](#)

Sign In: check [IE browser setting](#) Click SIGN IN to Sign-up or Log-in with your ABB account.

Search: please enter course number INTCV608 into the search field. (Please check the language filter EN)

The latest version of the course portfolio, and course schedule can be found on our

**ABB PowerTEC Webpage :**

<http://new.abb.com/service/abb-university/india>

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