

Course description

OVR recloser and PCD relay training 2016 schedule and course information

Course goal

Discover how to best apply, operate, maintain, and test OVR reclosers and PCD relays to improve reliability. Gain hands-on experience with the PCD relay and OVR recloser.

Participant profile

This training is geared towards engineers, technicians, and operators. It is a simple approach for existing, new, or potential future users.

Learning objectives

- Learn how to utilize AFSuite™, power quality features, oscillography (with symmetrical components calculated) to analyze faults, and generate recloser curves
- Learn new features and troubleshooting techniques
- Train with representatives from our 24-7 technical support team
- Each participant is provided with a PCD for hands-on training

Computer requirements

- Administrator rights
- 1 GB of RAM or higher
- 30 MB of available hard drive space
- One of the following operating systems:
 - Windows XP
 - Windows 7
- Internet Explorer 7 or higher
- RS-232 serial port (on laptop) or USB port and USB to serial port converter
- RS-232 null modem cable

Topics

- PCD overview
- AFSuite
- OVR-3/OVR-3SP & PCD demonstration
- Upgrading firmware (OVR-3/OVR-3SP)
- Advanced features
- OVR-1 single phase recloser



Course type and methods

This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab activities.

Duration

The program last 2 days.

Important

Please have AFSuite loaded onto your laptop computer prior to attending the training session. Administrative rights must be granted to load AFSuite onto a laptop.

Please call the 24-7 customer support line at:

+1-800-292-7947 ext. 5

+1-407-732-2000 (international) ext. 5



Course outline

The OVR/ PCD training topics are located below. Please check the topics that are important to you and submit this form with your registration. This will allow ABB to focus the training session on your individual needs. If you do not see the topics you would like to discuss, write them in at the bottom of this form. Please be sure to send this form in with your registration. Training is 8:30 AM-5 PM on Day 1 and 8:30 AM-4 PM on day 2.

Day 1

- **Introduction:** Welcome, introductions
- **PCD overview:** Hardware identification, PCD design & functions
- **AFSuite:** Software setup, computer communications setup, fleet View, basic settings, protection settings, fault location & testing
- **AFSuite functions & tools:** Event records & counting, metering, load profile, operation menu, managing databases: online/offline, copy, import, export, comparison, transmit/receive, dnp3 configurator
- **AFSuite programming:** Programmable I/O, logic examples (HLT), setting alarms, over/under voltage protection, hard wire SCADA

Day 2

- **OVR recloser assembly & plant tour**
- **OVR-3/ OVR-3SP & PCD demonstration:** Presentation, hands-on testing & operational training, control cabinet, troubleshooting & maintenance, voltage indication, & OVR recloser features & benefits
- **Upgrading firmware (OVR-3/OVR-3SP)**
- **Advanced features:** Loop schemes (LCM module), recloser relay curve generator (CurveGen™), oscillography (WaveWin™), power quality (AFSuite)
- **OVR-1 single phase recloser**
- **Q&A session with 24-7 customer support team**

Course certificate

Each participant will receive a course certificate upon completion of the course.

Facilities and accommodations

Please contact us for hotel information. The OVR recloser & PCD training program will be held at the ABB factory at:

655 Century Point
Lake Mary, FL 32746

The closest airports are:

- Orlando Sanford International (9 miles)
- Orlando International (32 miles)
- Daytona Beach International (38 miles)



Registration information

Please register for the course by completing the online registration or the form below. Reservations should be made at least two weeks before the start of the course, as we are only able to accept a limited number of participants for each course.

Course fee includes: course literature, OVR recloser manuals, PCD manual, and current versions of AFSuite, CurveGen, Winflash™, and WaveWin software for your ABB OVR recloser.

Dates

- May 18-19, 2016
- October 12-13, 2016

Times

- Day 1: 8:30AM to 5:00PM
- Day 2: 8:30AM to 4:00PM

Meals included

- Days 1-2: Lunch

Fee

- \$1,000 USD tuition only
- \$1,330 USD tuition + OVR recloser simulator card

Requirements

Please bring your laptop computer with administrator rights, AFSuite loaded, RS-232 null modem cable, and USB to serial adapter (if laptop does not have RS-232 serial port).

Online registration

Please click [HERE](#) to register or visit www.abb.us/mvservice > [Training](#) (under Support and Service) > [Register now](#) (under the OVR001 course)

Alternatively, please scan and email the completed form below to: customer.service.group@us.abb.com

Name: _____

Title/responsibilities: _____

Company name: _____

Company address: _____

City, state, zip: _____

Phone number: _____

E-mail address: _____

Sales representative: _____

Method of payment (circle): Check PO Credit card

PO number: _____

Check number: _____

Amount: _____

An ABB representative will contact you for your credit card information. Please do not include it on this form.

Cancellation & notice: If the course is cancelled or postponed, you will be informed at least one week prior to the course start. ABB will not be responsible for loss of travel expenses due to course cancellation or postponement. If you need to cancel, please call 800-929-7947 ext. 5 or +1 407-732-2000 ext. 5 as soon as possible, but no later than two weeks prior to course start. The course fee will not be reimbursed to anyone canceling with less than two weeks notice from the scheduled course date.

ABB Inc.

655 Century Point

Lake Mary, FL 32746

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www.abb.com/mediumvoltage

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