

## Course description

# GridShield® recloser and RER620 relay training 2016 schedule and course information

### Course goal

This three-day, hands-on training course is designed for participants to become proficient in the application, installation, operation, maintenance, testing, and commissioning of the GridShield® recloser and RER620 relay.

### Participant profile

Relay Engineers, Protection Engineers, Technicians, Operators, Dispatchers, SCADA and Communication Engineers

### Learning and perform hands-on

- RER620 settings using the WebHMI and PCM600
- RER620 Application Configuration Tool for customized logic
- DNP3 serial and TCP communications
- Train with representatives from our 24-7 technical support team

### Prerequisites

Knowledge of distribution operation and protection principles

### Computer requirements

- 2 GB of RAM or higher
- 30 GB of hard drive space
- Windows XP or Windows 7 operating system with administrative rights
- Internet Explorer 7 or higher
- ASE2000 DNP3 key

### Topics

- Introduction to the GridShield recloser; high and low voltage cabinets
- Using the RER620 LHMI, WebHMI and PCM600
- RER620 settings over WebHMI and Parameter Setting Tool
- Using the Graphical Display Editor to customize RER620 HMI
- Configuring the RER620 recloser application
- Relay protection applications
- Relay logic design and Application Configuration Tool
- DNP3 point remapping using the Communication Management Tool
- Understanding DNP3 objects, classes, variations, events and deadbands



### 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. The course is designed for the participant to gain a solid understanding of the GridShield recloser. Attendees will be working with the RER620 controller and the PCM600 tool suite. The hands-on aspect is designed to allow participants to understand the key aspects of the RER620 recloser application, protection, settings, and DNP3 communications.

### Duration

This is a three day course.



Course outline

The GridShield recloser and RER620 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 instructors to focus the training session for 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.

Day 1	Day 2	Day 3
<div><div><input type="checkbox"/></div>Introduction to the GridShield recloser: high and low voltage cabinets</div> <div><div><input type="checkbox"/></div>Using the RER620 LHMI, WebHMI, and PCM600</div> <div><div><input type="checkbox"/></div>RER620 settings over WebHMI and Parameter Setting Tool</div>	<div><div><input type="checkbox"/></div>Using the Graphic Display Editor to customize RER620 HMI</div> <div><div><input type="checkbox"/></div>Configuring the RER620 recloser application</div> <div><div><input type="checkbox"/></div>Relay protection applications</div> <div><div><input type="checkbox"/></div>Relay logic design with the Application Configuration Tool</div>	<div><div><input type="checkbox"/></div>DNP3 point remapping using the Communication Management Tool</div> <div><div><input type="checkbox"/></div>Understanding DNP3 objects, classes, variations, events and deadbands</div>

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.

#### Dates

- February 16-18, 2016
- May 3-5, 2016
- August 2-4, 2016
- November 1-3, 2016

#### Times

- Day 1 & 2: 8:30AM to 4:30PM
- Day 3: 8:30AM to 3:30PM

#### Fee

- \$1,000 USD tuition only
- \$1,500 USD tuition + simulator card, wire harness, and power supply for connection to the RER620

#### Meals Included

- Days 1-3: Lunch

#### Requirements

Please bring your own laptop computer with administrator rights.

### Online registration

Please click [HERE](#) to register or visit [www.abb.us/mvservice](http://www.abb.us/mvservice) > [Training](#) (under Support and Service) > [Register now](#) (under the GSR001 course)

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