

One-day Engineering Course

Overcurrent Protection

Get hands-on experience learning how to apply overcurrent protection schemes in this Eaton Power Systems Distribution Overcurrent Protection Workshop. Any engineer who is involved with design or operation of overcurrent protection schemes for utilities or industry will benefit. The workshop will be more beneficial to you if you have a working knowledge of overcurrent protection devices.

Schedule highlights

Learn about system coordination rules and procedures to incorporate into your daily routine, including:

- Fuse-to-fuse expulsion and current-limiting coordination
- Transformer fusing protection
- Protection with sectionalizers
- Recloser and source-side coordination
- Recloser and load-side coordination
- Electronically and hydraulically controlled recloser coordination
- Overcurrent relay coordination with fuses and reclosers

Who should attend?

Engineers involved with design or operation of overcurrent protection schemes

Key benefits

- Provide everyday overcurrent protection problem-solving skills
- Led by an instructor with extensive hands-on field experience

The instructor

Mr. William Vilcheck has been a power system engineer since 1975. He has co-authored and edited an electrical distribution system protection manual that is widely used in the electrical power industry. He has taught technical seminars and classes internationally to electrical engineers. Bill recently was an Adjunct Professor at the University of Pittsburgh where he taught power systems analysis and smart grid technology. As an Engineering Specialist, he has been involved in all power systems engineering activities and continues to focus upon power quality engineering, arc flash safety, training, and smart grid technology. Bill is a life senior member of IEEE and a professional engineer. He is co-author of several technical papers.



Registration information

Date: June 12, 2017

Course Language: English

Location:

Delta Montreal
475 Avenue President Kennedy
Montreal (Quebec)
Canada H3A 1J7

Pricing Info and Registration:

my.cyme.com/UsersGroup

Hotel Reservations:

Delta Montreal
1-844-860-3753
with group code **G6P**

Further Information:

CymeInfo@Eaton.com

Overcurrent Protection

Presentation outline

Section	Description
1	Introduction, Course Description
2	Reliability
3	Recloser Application
4	Momentary Outages
5	Fuse Characteristics and Application
6	Recloser – Fuse Link Coordination; Source Side and Line Side Fusing
7	Recloser – Recloser Coordination
8	Relay – Recloser Coordination
9	Sectionalizer Characteristics and Application
10	Sample Problem
11	Inrush Currents
12	Summary – Device-to-Device Application Factors
13	Index – Time Current Curves

Agenda

Monday June 12, 2017 - Delta Montreal, Room Opus 2

7:30 am - 8:30 am	Registration - Room Opus 2 Full breakfast buffet - Room Aroma
8:30 am - 8:40 am	Opening remarks and introduction
8:40 am - 10:30 am	Workshop
10:30 am - 10:45 am	Refreshment break
10:45 am - 12:00 pm	Workshop
12:00 pm - 1:30 pm	Lunch - Room Aroma
1:30 pm - 3:00 pm	Workshop
3:00 pm - 3:15 pm	Refreshment break
3:15 pm - 5:00 pm	Workshop
5:00 pm - 5:30 pm	Comments and questions

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