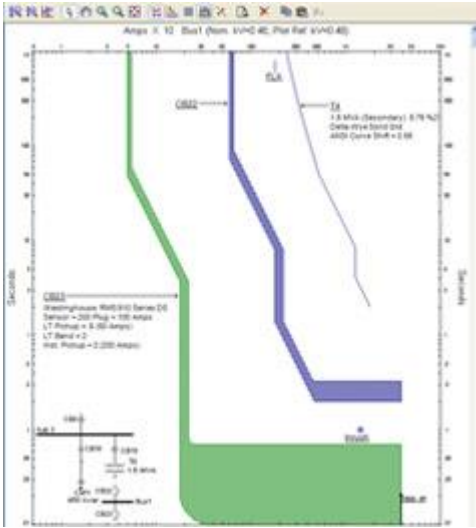


# Power System Protection

26 – 29, May 2015 Singapore

The Regent Singapore (Tentatively)



This Four-day workshop aims to familiarize engineers and technical executives with the system studies and relaying practices commonly adopted by industrial and commercial electric power distribution systems.

*Each participant is provided a computer with ETAP software loaded for use during the class time. Training will be handed by ETAP instructor with practical experience.*

## Course Outline:

- Protection System Overview
- Fault & Fault Calculation
- Instrument Transformers (CT / VTs)
- Overcurrent & Earth Fault (OC & EF) Protection
- Transformer , Generator and Motor Protection
- Bus Bar Protection and Breaker Fail Protection
- Distribution Feeder Protection
- Distance Protection
- Autoreclose
- Application Study cases in ETAP for Fault studies and switchgear fault rating selection and Relay coordination examples

**Instructor:** Mr. P. Nandakumar

**Hotel:** The Regent Singapore [www.regenthotels.com/EN/Singapore](http://www.regenthotels.com/EN/Singapore) (Tentatively)

All travel and hotel arrangements are the responsibility of the attendee.

## **Fee:**

**US\$ 2,150-00\***/per person

(This Fee does not apply to Indonesia participants, please see the note below)

1/. Fee does not include lodging, transportation and Singapore Government Tax.

2/. Courses are limited to 20 participants. So please register early!

3/. Payment in full must be received two weeks prior to start date of course.

Note: \*For Indonesia participants, the fee is US\$ 2,690-00 / per person (Including 20% WHT)

**Date:** 26 – 29, May 2015

**Time:** 09:00 a.m. – 16.30 p.m.

## **Information / Registration:**

**Cahaya Jaya Services**

627A Aljunied Road, #04-01 BizTech Centre, Singapore 389842

Tel: (65) 64814106

Fax: (65) 64814609

Email: [cahayaj6@singnet.com.sg](mailto:cahayaj6@singnet.com.sg)

Website: [www.cjaya.com](http://www.cjaya.com)

# Registration Form

## Power System Protection

The Regent Singapore (Tentatively)

26 - 29, May 2015 Singapore

US\$ 2,450-00 / per person

Please complete a registration form with payment to Cahaya Jaya Services to confirm registration. Reservations are taken on a first come, first serve basis. Submitting this form electronically does NOT confirm your reservation. Contact [cahayaj6@singnet.com.sg](mailto:cahayaj6@singnet.com.sg) if you have any questions.

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

### Payment:

Payment methods available:

- Visa, MasterCard (add on 7% administration fee)
- Cheques should be crossed and made payable to 'Cahaya Jaya Services' (for local attendee)
- via telegraphic transfer (for oversea attendee)

### Remark:

1. A confirmation letter will be sent to you upon receipt of the enrollment form.
2. Any cancellation must be in writing and received by 14 days prior to the course date. Otherwise the full fee will be chargeable.
3. Cahaya Jaya Services reserves the right to reschedule, change venue or cancel the course due to unforeseen circumstances.
4. Course fee does not include lodging, transportation and taxes.

**Note: For group registration, please photocopy this form for submission.**

*By registering for the Cahaya Jaya Services ("CJS") seminar, attending the seminar or making any use whatsoever of the material provided by Cahaya Jaya Services the participant or user of material acknowledges that the information and materials presented in the course of the seminar are for information purposes only. Examples and data used in the seminar as just that, examples, that are being used to help the participants in gaining a knowledge of product, materials and services available to the participants. Otherwise, CJS makes no representation or warranties of any kind, express or implied, as to the information, content, materials, included. All title and intellectual property rights remain those of the respective content owner and any intellectual property protected by laws and treaties, without grant or rights to use, and not to copy or print.*

*In no event shall CJS, its subsidiaries or affiliates, or their respective officers, directors, employees, representatives or agents (collectively called "CJS") be liable for special, incidental, consequential, punitive, indirect, or other special damages, including but not limited to, loss of data, use, or profits, however caused, whether for breach of contract, negligence, or otherwise.*