



ETAP Power System Analysis Workshop

3 – 5, April 2021

3-Day Live Online Workshop

This is an online practical 3 days session to learn the basic on one line diagram creation, data entry, and quick expands the user' know to include methods to automatically perform multiple 'what if' studies using multiple scenarios. This workshop includes Load Flow, Short-Circuit, Motor Acceleration and Protective Device Coordination.

Requirements:

**Windows 10 Computer (i5+ CPU)*

**Reliable Internet access so attendee can connect to ETAP License server during workshop*

**Training will be handed by ETAP authorized representative / instructor with practical experience.*

Who Should Attend?

- ETAP users and power engineers who wish to increase their skills using ETAP application to perform system studies.
- Current users seeking a refresher course.
- Knowledge of power system engineering concepts is highly recommended for those attending this workshop.

Location: Online

Course Fee:

A/. US\$ 1,350.00 / per person.

B/. US\$ 1,200.00 / per person for ETAP users with current UUC.

1/. Fee does not include Thailand Government Tax.

2/. Course is limited to 12 participants. So please register early!

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

Date: 3 – 5, April 2021

Time: 09:30 a.m. to 16.30 p.m. daily

Information / Registration:

Cahaya Jaya Services

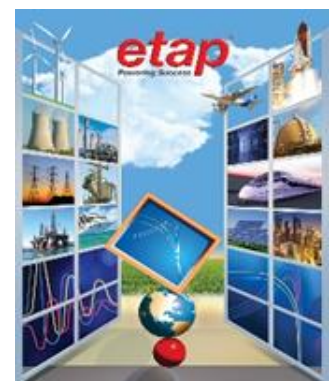
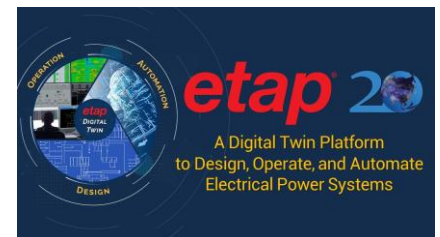
37 Jalan Pemimpin

#07-07 MAPEX Building, Singapore 577177

Tel: (65) 64814106 Fax: (65) 64814609

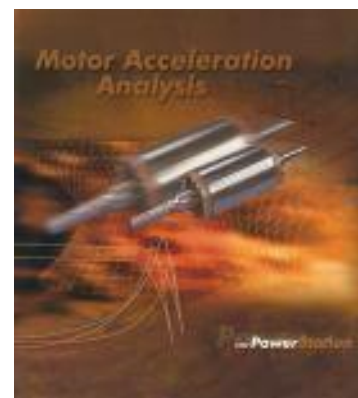
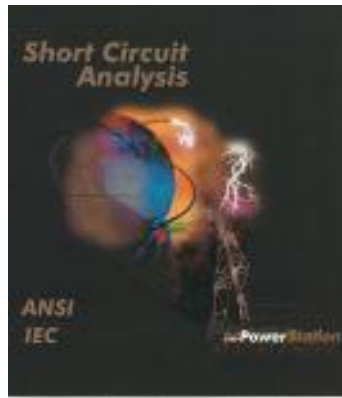
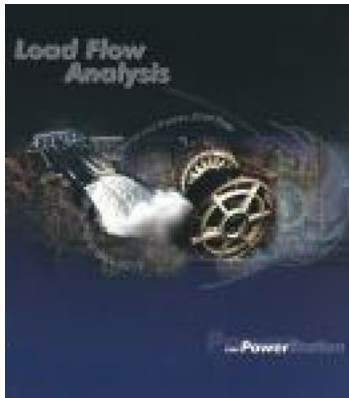
Email: robin@cjaya.com; cahayaj6@singnet.com.sg

Website: www.cjaya.com





ETAP Workshop



Agenda

Topics

Morning Session

09:30 A.M. – 12:30 P.M.

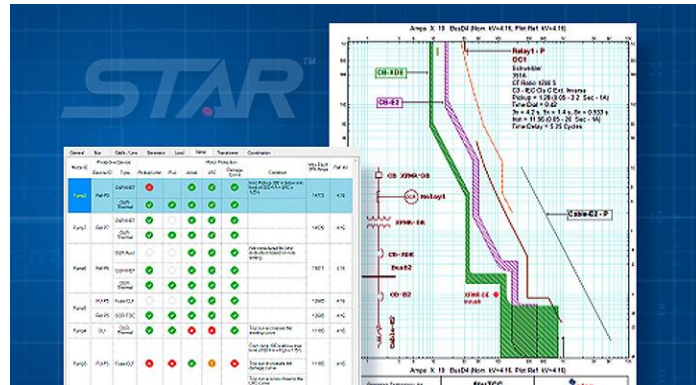
Afternoon Session

13:30 P.M. – 16:30 P.M.

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|-------|--|--|
| Day 1 | <ul style="list-style-type: none"> ➤ ETAP Overview ➤ One Line Diagram ➤ ETAP 3-D Modeling ➤ ETAP Library | <ul style="list-style-type: none"> ➤ Load Flow Study ➤ Equipment Evaluation ➤ Load Flow Result Analyzer ➤ Cable and Transformer Sizing |
| Day 2 | <ul style="list-style-type: none"> ➤ Short-Circuit Study (IEC) ➤ Equipment Evaluation ➤ Short-Circuit Result Analyzer | <ul style="list-style-type: none"> ➤ Motor Acceleration Study ➤ Motor CKT Modelling ➤ Motor Parameter Estimation |



ETAP Workshop



Agenda

Topics

Morning Session

09:030 A.M. – 12:30 P.M.

Afternoon Session

13:30 P.M. – 16:30 P.M.

| | | |
|-------|--|---|
| Day 3 | <ul style="list-style-type: none"> ➤ Protective Device Coordination Study ➤ TCC Plotting ➤ Customized Libraries for Relay, Breaker & Fuse | <ul style="list-style-type: none"> ➤ Sequence of Operation ➤ STAR Auto-Evaluation |
|-------|--|---|

www.etap.com



Registration Form

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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 robin@cjaya.com if you have any questions.

Name _____

Position _____

Company _____

Address _____

Phone _____ Fax _____

E-mail _____

Payment:

- Please Telegraphic Transfer the full course fee amount to our Singapore banker (United Overseas Bank Limited). We will provide the details information upon received your enrollment form.
- Payment in full must be received Two weeks prior to start date of course

Remark:

1. A confirmation via email will be sent to you upon receipt of the enrollment form.
2. Any cancellation must be in writing and received by 10 days prior to the course date. Otherwise the full fee will be chargeable. Cahaya Jaya Services reserves the right to reschedule or cancel the course due to unforeseen circumstances.

By registering for the Cahaya Jaya Services ("ETAP") training, attending the training 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 training 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, ETAP 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.

No recording of all kind is allowed at all times of the course. In no event shall ETAP, its subsidiaries or affiliates, or their respective officers, directors, employees, representatives or agents (collectively called "ETAP") 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.