



## Arc-Flash, Harmonic and Transient Stability Analysis

27 – 28, October 2021

ETAP Learning Center

This is a practical 2-days session to learn how to apply power system engineering knowledge to conduct Arc-Flash IEEE 1584/NFPA70E, Harmonic and Transient Stability Analysis using ETAP software.

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

### Who Should Attend?

Pre-requisite: For this initial run, this ETAP workshop is for participants who have taken prior ETAP workshops conducted by us.

Location: ETAP Learning Center

37 Jalan Pemimpin, #07-07 MAPEX Building, Singapore 577177

### Course Fee:

Singapore Dollars 1,350.00 / per person

- 1/. Fee does not include Singapore Government Taxes.
- 2/. Fee include lunch & tea-break.
- 3/. **Course is limited to 6 participants.** So please register early!
- 4/. Payment in full must be received Two weeks prior to start date of course.

Date: 27 - 28, October 2021

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

### Information / Registration:

#### **Vpower Solutions Pte Ltd**

37 Jalan Pemimpin

#07-07 MAPEX Building, Singapore 577177

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

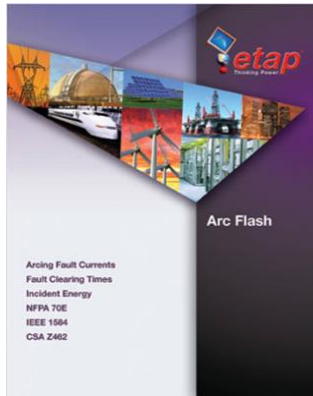
Email: [clara@vpower.com.sg](mailto:clara@vpower.com.sg); [robin@vpower.com.sg](mailto:robin@vpower.com.sg)

Website: [www.vpower.com.sg](http://www.vpower.com.sg)





# ETAP Workshop



## Agenda

### Topics

**Morning Session**  
09:30 A.M. – 12:30 P.M.

**Afternoon Session**  
13:30 P.M. – 16:30 P.M.

<p>Day 1</p>	<ul style="list-style-type: none"> <li>➤ Arc Flash Analysis (AC)</li> <li>➤ Arc Duration Determination</li> <li>➤ Arc Flash Mitigation - I</li> </ul>	<ul style="list-style-type: none"> <li>➤ Arc Flash Mitigation – II</li> <li>➤ 1-Phase &amp; Low Voltage Arc Sustainability</li> </ul>
<p>Day 2</p>	<ul style="list-style-type: none"> <li>➤ Harmonic Analysis</li> <li>➤ Harmonic Filter Design</li> </ul>	<ul style="list-style-type: none"> <li>➤ Transient Stability Analysis</li> <li>➤ Load Shedding</li> </ul>





# Registration Form

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Please complete a registration form with payment to Vpower Solutions Pte Ltd to confirm registration. Reservations are taken on a first come, first serve basis. Submitting this form electronically does NOT confirm your reservation. Contact [clara@vpower.com.sg](mailto:clara@vpower.com.sg) or [robin@vpower.com.sg](mailto:robin@vpower.com.sg) if you have any questions.

Name \_\_\_\_\_  
Position \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail \_\_\_\_\_

**Payment:**

Payment methods available:

- Cheques should be crossed and made payable to 'Vpower Solutions Pte Ltd'
- via local bank transfer
- via Paynow

**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. Vpower Solutions Pte Ltd reserves the right to reschedule, change venue or cancel the course due to unforeseen circumstances.
3. Course fee does not include Singapore Government taxes.

*By registering for the Vpower Solutions Pte Ltd ("ETAP") training, attending the training or making any use whatsoever of the material provided by Vpower Solutions Pte Ltd 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.*

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