

Introduction to PSS/E



COURSE OUTLINE

This four and a half day course will give an introduction to PSS/E (version 32). Attendees will learn to use the software for steady state analysis.

The course agenda is as below:

Day 1:

- Introduction to PSSTME32
- How to Get Started
- Understanding the Power Flow Solution

Day 2:

- Data Addition and Modification
- Power of New Interface
- Power Flow Solutions and Difficulties

Day 3:

- PSSTME Program Automation – Basic
- Networking Loading Analysis

Day 4:

- Balanced Switching Analysis
- Fault Analysis

Day 5 (half day):

- Data Management
- Network Reduction
- Special Applications

KEY INFORMATION

Hill Michael is seeking expressions of interest in an open introductory PSS/E training course. The course will run for four and a half days from March 26, 2012.

This event is open to clients who are currently supported users of PSS/E. No experience with PSS/E is required for the training course.

The training will be held at Hill Michael's office in Melbourne's CBD. The address of the office is:

**Level 6
423 Bourke Street
Melbourne, Victoria**

Hill Michael may alter the venue if a larger training venue is required.

Registration/welcome begins at 8:30 am on the first day of training, with other days commencing at 9am. Full training days are scheduled to finish at 4:30 pm, half days at 12:30 pm.

Hill Michael will run this course if sufficient interest is received. Please register your interest using this form, or contact Hill Michael to discuss your training requirements.



Course Cost

The course cost will be \$3,500 per person, excluding GST.

Finalisation of Information

If you are interested in attending this course, please register using this form by 17th February 2012.

Based on responses received, Hill Michael will notify users of whether the course can proceed 20th February 2012. Final payments will be due 16th April 2012.

Hill Michael accepts VISA and Master Card payments for up to \$10,000. A surcharge of 2% applies to all credit card payments.

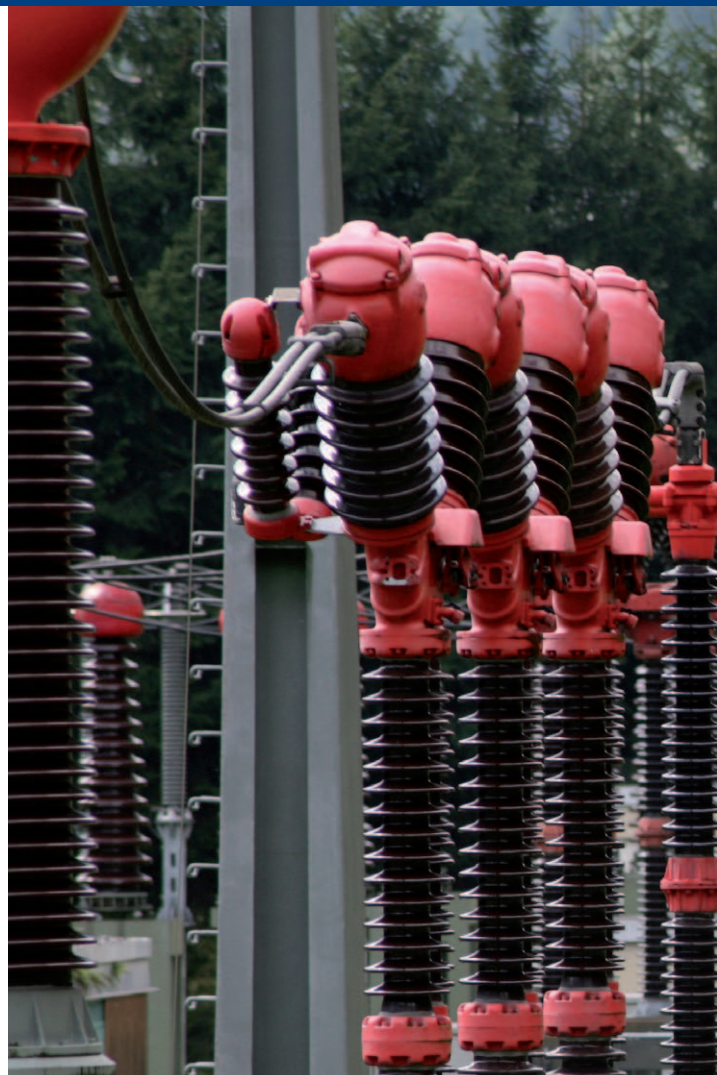
Recommended Prerequisites

(these are recommendations only and are not absolute requirements to attend)

- Familiarity in using Microsoft Windows XP or later.
- Basic knowledge of the components of Power Systems (what components make up the Power System).
- Basic concepts of Power Flow (PF) and Short Circuit (SC) calculation.

Expected Course Outcomes

- Proficiency in driving the PSS/E GUI to run PF and SC studies, which includes:
 - Creating new power system components or adding components, in either Graphical, Spreadsheet or Text inputs.
 - Running PF and SC studies.
 - Creating graphical single line diagrams of network models
 - Viewing study results in either graphical or text formats
 - Generating study reports
 - The functions of the toolbars
- Troubleshoot studies when the PF solution fails to converge.
- Automate PSS/E processes using the recording tool.
- Perform contingency analysis functions available and know the steps to run them.
- Gain a basic understanding to some advanced PSS/E functions such as PV & QV analysis and network reduction.
- How to use the line properties calculator utility.
- Locate online and offline help and documentation.



OPEN USER TRAINING COURSE

March 2012



EVENT REGISTRATION

Please provide a summary of your intended attendance in the box below. Include the details of each registrant on the form overleaf. Please return the completed form to:

PSS/E Course Registration
C/O Sue Myles, Hill Michael.
GPO Box 4048
Melbourne, VIC 3001

Ph: 03 9602 3622
Fax: 03 9642 4745
Email: smyles@hmac.com.au

Organisation:

Number of registrants:

Likelihood of Attending

- Definitely Attending
 Very Likely to Attend
 Likely to Attend
 Possibly Attending
 Unlikely to Attend

Payment Details

Please do not submit payment prior to the course confirmation on February 20th.

I have entered my payment details below

or

Please forward Invoice to:

Total Fee Due to Hill Michael

Name

Company

Address

Reference or PO Number

Payment Method (Credit Card or EFT) Credit Card payments will incur a 2% surcharge

- Visa
 Mastercard
 EFT

Payment by EFT (DIRECT DEBIT)

Account Name: Hill Michael Associates Consulting Pty Ltd
Account: 479485555
BSB: 014-043
Bank: Australia and New Zealand

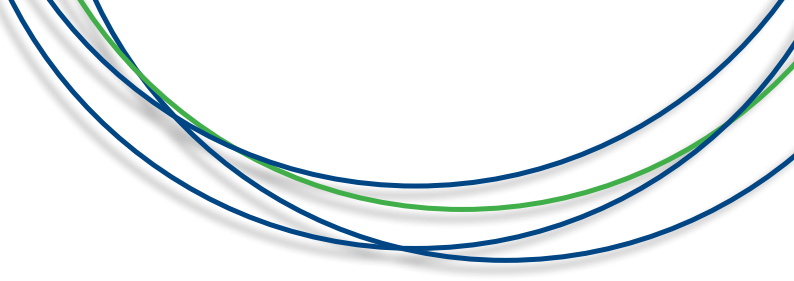
Name on Card

Card Number

Expiry Date

Security No.

Course registrations will be confirmed only after payment is received. Hill Michael reserves the right to postpone or cancel a course due to insufficient registrations.



Introduction to PSS/E

Please register me for:

The open PSS/E course (Introduction and Steady State Analysis)

Mr Mrs Miss Ms Dr

First Name:

Family Name:

Job Title:

Phone:

Mobile:

Email:

Postal Address:

Special Dietary Requirements

Vegetarian Other

If other, please specify:

Current Experience

(Relevant to this Course - Power System background and PSS/E experience)

Desired Learning Outcomes from this Course

Head Office

Level 3, Bowman House, 276 Edward Street, Brisbane QLD 4000

GPO Box 3195, Brisbane QLD 4001

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/ Cairns / Brisbane / Melbourne
/ Townsville / Canberra / Launceston