Participants will acquire knowledge of modern and intelligent grid technology; more specifically SCADA/EMS/DMS, Substation and Distribution Automation applications, designs, technical issues and benefits. Modern and intelligent grid, its real value and a summary of its architectures will be introduced.

- Introduction to Enterprise Data Management and Substation Automation
- Enabling the Smart Grid
- Industry Standards Activities
- Why Substation Automation? Why now?

- Acquiring Operational and Non-Operational Data from Substation IEDs
- SCADA Business Drivers

- SCADA Systems Evolution and Overview
- Smart Grid Recent Developments and Lessons Learnt

- Substation Functions
- Impact of Renewables on the Grid

- Distribution Automation Value
- Distribution Automation Continuum

- Modular Protection, Control and Automation Systems
- SCADA Integration with other systems
- SCADA System Implementation and Maintenance

- Smart Grid Security
- Privacy of Information and Smart Grid

- Smart Grid Policy and Regulation
- Communication Issues
- Building the Business Case
- Comms Standard IEC61850

Managers, engineers and technicians working for power delivery companies, equipment providers, consulting organizations, and government entities who have a vested interest in knowing how power distribution systems are planned, engineered and operated to deliver reliable, economic power, and understanding the key drivers, requirements and constraints that affect cost and performance trade-offs.

20 - 22 Feb 2017
0830 - 1730

Lunch and tea breaks will be provided.

Send your forms to slpg@singaporepower.com.sg by 12 Jan 2017

$3,300
$1,650
(For Singaporeans/PR)

Singapore Institute of Power and Gas
1A Woodleigh Park
Singapore Power Training Institute

Pending PDUs by Professional Engineers Board

A SIPG and GE Collaboration

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ABOUT THE TRAINER


John is a sought-after industry leader, technical expert, educator and speaker. He was elected to the Board of Governors of the IEEE-SA (Standards Association) for 2010-2011, focusing on long term IEEE Smart Grid standards strategy. John was the Chair of the Smart Grid Interoperability Panel (SGIP) Governing Board for 2010-2015, coordinating Smart Grid standards development in the US and global harmonization of the standards.

He was the past President of the IEEE PES and the past Chair of the IEEE PES Substations Committee. In 2009, John received the year’s Outstanding Electrical and Computer Engineer Award from Purdue University.

As an IEEE PES Distinguished Lecturer, he teaches Smart Grid at Georgia Institute of Technology and GE, as well as substation automation, distribution SCADA and communication courses for various IEEE PES local chapters. John has published 80 papers and articles in the areas of SCADA, SCADA/EMS, SCADA/DMS and communications, and is a registered Professional Engineer (Electrical) in California, Pennsylvania and Georgia. John received his B.S.E.E. and M.S.E.E. (Power Engineering) degrees from Purdue University, and an MBA Finance Degree from University of California-Berkeley.

REGISTRATION FORM: SMART GRID - SUBSTATION/DISTRIBUTION AUTOMATION (20-22 FEB 2017)

Name in NRIC: ___________________________ NRIC Number / FIN: ___________________________

FIN Expiry Date: ___________ Nationality: ___________ Date of Birth: ___________

Company Name: ___________________________ Designation: ___________________________

Company Address: ___________________________

Contact Number: ___________________________ Email: ___________________________

Highest Qualification: ___________________________ PE number (if applicable): ___________________________

Name of Contact Person: ___________________________ Designation: ___________________________

Contact Number: ___________________________ Email: ___________________________

Food preference: ☐ Vegetarian  ☐ Indian Vegetarian  ☐ Halal

TERMS AND CONDITIONS

1. Singapore Institute of Power and Gas Pte Ltd (SIPG) is committed on maintaining the confidentiality of the personal information and undertakes not to reveal applicant’s information to any 3rd party (other than the funding-related agencies) without prior consent of the applicant.

2. The registration form should be submitted to SIPG by 12 January 2017. All registration will only be confirmed when payment is received. SIPG reserves the right to withdraw or re-schedule the class without prior notice.

3. Trainee shall be bounded by the Terms and Conditions of any applicable funding scheme as approved by SIPG. In the event that the trainee fails to meet any of the requirements set under the funding scheme or as stated below, and thereby resulting that his/her application for funding claim is rejected, the trainee is liable to pay the balance of the course fee to SIPG.
   - Trainee achieves less than the minimum attendance required by the course.
   - Trainee fails to sit for the required assessment where applicable.

4. PAYMENT TERMS
All prices quoted are in SGD and are subjected to GST
Payment is required to be made to SIPG at least 2 weeks before course date.

5. CANCELLATION POLICY
   >5 working days before course starts: 100% refund
   3-5 working days before course starts: 50% refund of fee paid
   <3 working days before course starts: No refund

6. TRANSFER/REPLACEMENT POLICY
All transfers/replacement requests must reach SIPG at least 5 working days before course starts, requests are subject to approval.

7. PERSONAL DATA PROTECTION ACT
Call and send me messages at my numbers above about future courses: Yes / No

I, ___________________________, hereby declare that the information herein is true and accurate to the best of my knowledge. Should I/we pay the net fee now and fail to fulfill all the stated conditions for the award of the training grant, I/we agree to pay SIPG the balance of the normal fee.

If you are submitting this form on behalf of another, you have obtained the consent of the person(s) named in this form, for SIPG and its employees, agents and representatives, to collect, use and disclose all information as contained in the form for all purposes relevant in the context of this form and as notified to you by your SIPG contact, as well as to comply with all laws and other legal requirements relevant to SIPG from time to time.

_________________________  ___________________________  ___________________________
Name  Signature  Date