ACES - Schneider Electric Seminar on Optimizing Building Efficiency to Meet New Efficiency Standards

Date: 1 Jul 2016 (Fri)
Duration: 9.00 a.m. to 12.30 p.m.
Venue: Ballroom II & III, Level 2
Intercontinental Hotel
80 Middle Road,
Singapore 188966

PDU/STU: 3 STUs (M&E) PDU to be confirmed

Seminar Outline

In the latest BCA Green Mark Scheme revision, greater emphasis is placed on “climatically contextual design, energy effectiveness, smart buildings, and a systematic approach to address embodied energy and resource use.” ACMV or Air Conditioning and Mechanical Ventilation System is an important contributing factor when giving proper ventilation and temperature to a general or customized air conditioning system installed in any industrial, commercial or dwelling setup.

There will be many questions to the M&E specialists and installers on implementing demand control, system and tools that are available to meet the new challenges.

In this seminar, Schneider Electric will share application methods and tools such as providing data collection and diagnostics for fault detection, optimizing set points, short cycling of equipment etc. The objective is that building professionals can introduce the right solutions such as non-proprietary protocols for the building management system to operate with ease through energy monitoring dashboards, mechanical metering for ACMV demand control, building analytics, asset monitoring, tools to simplify maintenance, remote data management and more.

Participants will receive in-depth understanding of options which can optimize building efficiency to meet new efficiency standards, with a special focus on new requirements in the BCA Green Mark Scheme.

PROGRAMME

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<td>8.45 am</td>
<td>Registration</td>
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<td>9.00 am</td>
<td>Introduction</td>
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<td>9.15 am</td>
<td>Green Cooling Solution for Modern Data Halls by Pankaj Pathak</td>
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<td>10.15 am</td>
<td>Tea Break</td>
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<td>10.30 am</td>
<td>Optimizing Building Performance with Building Management System (BMS) and Analytics System by Sin Jia Hau</td>
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<td>11.30 am</td>
<td>New innovations in Variable Speed Drive by Tushar Menon</td>
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<td>12.30 pm</td>
<td>Networking Lunch Buffet</td>
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ACES Member: $15/pax

ACES-IES M&E RE/RTOs and QEC members (limited to 2 per QEC co.)
The respective Registries will subsidise 50% ($15) for each attendee

Non-Member: $60/pax

- Registration is on first-come-first serve basis
- Door Gifts will be given during the event.
- Stand a chance to walk away with attractive prizes!
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<th><strong>SPEAKERS</strong></th>
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| **Pankaj Pathak**  
Manager – APJ  
Cooling Applications  
Schneider Electric |
| Pankaj Pathak is a mechanical engineer with double post graduations from India’s most premier University “Indian Institute of Technology, IIT Mumbai”.  

He is a veteran in cooling industry with more than 2 decades of experience in various fields of HVAC including product and project Sales, Product management, Project execution, planning after sales and business development.  

He is involved in data centers cooling for past 12 years.  

Currently he is handling data center cooling business development of Asia and Pacific region for Schneider Electric. |
| **Sin Jia Hau**  
Senior Manager,  
Business Development & Solution Architect  
Ecobuilding Business  
Schneider Electric |
| Having more than 2 decades of experiences in Integrated Building Management System (IBMS), Jia Hau collaborates closely with different stakeholders in developing segment specific solutions for integration with various third parties system, in particular, Healthcare, Data Centre and Airport initiatives.  

Prior to joining Schneider, he was formerly the Vice President of an Engineering Department which provides various innovative solutions for consultants and clients.  

Jia Hau was also involved in Green Mark version 5 as well as Energy RIE2020 Strategy review. He graduated in UniSIM with Master of Technology Entrepreneurship and he is also a Singapore Certified Energy Manager (SCEM). |
| **Tushar Menon**  
Schneider Electric |
| Tushar Menon holds a Master's Degree in Engineering and has been with Schneider Electric for 2 years, having had multiple experience in the selection and implementation of VSD in various projects both locally and overseas.  

He is currently the product expert in the local organisation and extends his expertise frequently to assist in the selection and optimization of drive systems. His experience stems from a wide spectrum of market segments such as Water and Waste-Water(WWW), Food and Beverage(F&B), Mining(MMM), etc. |
REGISTRATION FORM
For enquiry, please call ACES Secretariat at Tel: 6324 2682
Kindly sign and submit your completed registration form to registration@aces.org.sg

PAYMENT
Enclosed is a Cheque No: _____________________ (Cheque should be crossed and made payable to “Association of Consulting Engineers Singapore” and mailed to “18 Sin Ming Lane #06-01 Midview City, Singapore 573960, Attention: ACES Secretariat”.

[Note: On the back of the cheque, please indicate participant name & event name. Please be reminded to send in your registration form via email first to secure the seat before mailing out the form with your payment]

Terms and Conditions
By submitting and signing this application form, the company and individual applicant agree to the following:

a) The company and individual applicant has read and understood the terms of the flyer (if available) and the application form.
b) Payment for the course must be made before the course commencement date.
c) ACES reserves the right to amend any details relating to the course, revise the course fees without prior notice, cancel or postponed the course.
d) Request for withdrawal or replacement must be made in writing. Requests are subject to approval by ACES.
   • Written request for replacement must reach ACES before the course commencement date. There will be no additional charges for suitable replacement.
   • Written request for withdrawal that reaches ACES
      ♦ At least 7 working days before course commencement: Full Refund
      ♦ 4 to 6 working days before course commencement: 50% of the course fee Refund
      ♦ 3 working days before and upon course commencement: No Refund

To be completed by Company and Individual Applicant

COMPANY APPLICANT
Name: __________________________________________
Signature: ______________________________________
Date: __________________________________________

INDIVIDUAL APPLICANT
Name: __________________________________________
Signature: ______________________________________
Date: __________________________________________

Company stamp (for company application)