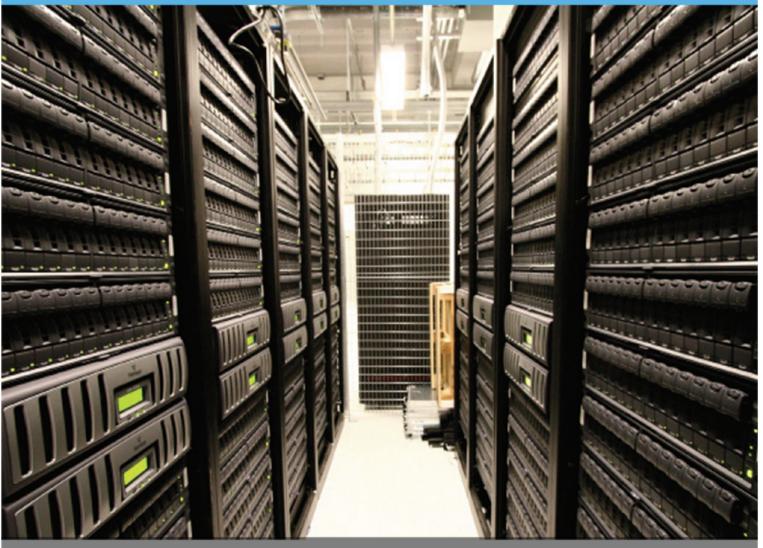
## 21 - 22 June 2018 9 am - 5pm WWW.SEAS.ORG.SG



# Green Data Centre Design

### Course Summary

Energy expenditures account for the vast majority of the operating costs during a data centre lifetime, and this fact is becoming critical in order to ensure business profitability.

This 2-day green data centre design course will equip participants with in-depth knowledge of SS564 and Green Mark for New and Existing Data Centre.

The 2-day course will also include design best practices and case studies to empower participants with knowledge and ideas to green their data centres.

### **Course Objective**

At the end of the course, the participants will be able to:

• Understand Green data centre standards such as Green Mark for new and existing data centres

• Apply the best practices in chiller plant, computer room air-conditioning, lighting and uninterruptible power system design

• Optimise, monitor and maintain the data centres at peak energy efficiency

## 14 SCEM PDU points awarded 12 PE PDU points awarded



### 21 - 22 June 2018

9am - 5pm Singapore Sustainability Academy 180 Kitchener Road Level 6 Sky Park, #06-10 City Square Mall Singapore 208539

## **Green Data Centre Design**

### **Program Outline**

Session 1: Overview of Data Centre Standards and Regulations

- Singapore standard SS564 Green Data Centre
- Green mark for new data centre
- Green mark for existing data centre
- · Policies and trend for Green Data Centre

Session 2: Energy Efficiency Air Conditioning Design

Chilled water system design

 Energy efficient chillers, chilled water pumps, condenser water pumps and cooling towers

- Airside system design
- Energy efficient Computer Room

Air-Conditioners and Air Handling Units

Session 3: Energy Efficient Electrical System Design

- Uninterruptible Power Supply
- Generators
- Transformers
- Power distribution units
- Lightings

Session 4: Energy Efficient Operation and **Optimization of Data Centre** Air conditioning system

Call us at +65 6338 8578 to enquire

Data centre

#### Steven Kang



#### Speaker's Profile Mr Steven Kang has been involved in the design of hyper-efficient HVAC system for Platinum rated Green Buildings and has been invited to sit in the advisory

committee of Platinum rated green buildings. He spoke at various forums on HVAC designs, energy optimisation and green buildings. He has been appointed to assess the design of new data centres as well as audit and improve the energy efficiency of existing data centres.

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Normal	Group
SEAS Member:	3 participants and above
\$650.00	\$700.00
SCEM Special Rate	Non-Member:
\$720.00	\$780.00
Fees are inclusive of GST	

SEAS may cancel or reschedule a course at its discretion and will use reasonable efforts to notify delegates at least 5 working days in advance. In these circumstances, delegates will be offered an alternative date, an alternative location or a full refund of course fees paid. SEAS is not responsible for airline or accommodation costs incurred by delegate in the event a course is cancelled or re-scheduled.

Substitutions (name changes) are accepted at any time prior to the event without penalty, subject to the replacement delegate satisfying any necessary course pre-requisites.

Email: training@seas.org.sg

#### Registration Form Yes! I would like to register for this programme I am unable to attend but please put me on your mailing list Participant's Details Name (Dr/Mr/Ms/Mrs) Designation Hp Email NRIC Participant's Details Name (Dr/Mr/Ms/Mrs) Designation Hp Email NRIC **Billing Information** Contact Name Company Name Company Address Email Tel