

GREENRE TECHNICAL SEMINAR 2025

GREEN DATA CENTRE (01-2025) – ONLINE



February, 18th - 19th 2025



09:30 am - 05:00 pm

Course Fee

RM799 (GreenREAP / REHDA)

RM849 (Non-Member)

Certificate of Attendance will be given

CPD : GreenRE (8), ST, LPPEH & MBOT (tbc)



SCAN TO REGISTER



greenresdnbhd



greenremalaysia



GreenRE Sdn Bhd



www.greenre.org

For further information, email training@greenre.org / call 03-78032978

Course Description

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 two-days technical seminar of green data centre will equip participants with in-depth knowledge of SS 564 and GreenRE New and Existing Data Centre.

This course also will include the best practices and case studies to empower participants with knowledge and ideas to green their data centres. The topics that will be presented are Data Centre Chiller Plant M&V, GreenRE New & Existing Data Centre, Data Centre Electrical System Design and many more.

To provide understanding on Green Data Centre standards such as GreenRE New & Existing Data Centres

To enable participants to apply the best practices in chiller plant, computer room air-conditioning, lighting and uninterruptible power system design

To learn on how to optimize, monitor and maintain the data centres at peak energy efficiency.

Course Objective

Speakers' Profile

Chloe Ng

A Business Development Manager for Measurement & Verification Pte Ltd. A Master graduate of Nanyang Technological University in Mechanical Engineering with Excellent award. She is also qualified as DCPRO Energy Professional (EP), DCPRO Power Professional (PP), BCA Registered Energy Auditor (EA), Green Mark Accredited Professional (Facility Management) (GMAP (FM)) and Singapore Certified Energy Manager (SCEM).

Er. Steven Kang

is the Managing Director for Measurement & Verification Pte. Ltd. A graduate of the National University of Singapore with an Honors Degree in Mechanical Engineering Er. Steven is also qualified as Professional Engineer (P. Eng), Uptime Institute Accredited Tier Designer (ATD), DCPRO Energy Professional (EP), NEA Registered Energy Efficiency Opportunity Assessor (EEOA), NEA Registered Qualified Energy Services Specialist (QuESS), BCA Registered Energy Auditor (EA), Green Mark Advanced Accredited Professional (GMAAP) and Singapore Certified Energy Manager (SCEM). Besides being a trainer for GreenRE, he also conducts training for BCA of Singapore, Institute of Engineers Singapore and Sustainable Associate of Singapore.

Lee Seng Wee

A Director of i3 Solutions Group and manages i3 business for the Asia Pacific region. He is a registered Professional Engineer (Electrical) and a 22kV Licensed Electrical Engineer registered with Energy Market Authority in Singapore. He was a Member of Technical Committee for Singapore Standard SS535 (formerly CP31). He is also an Uptime Institute's Accredited Tier Designer (ATD).

Day

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10.00 am - 12.00 pm: Data Centre (DC) overview and trends

12.00 pm - 01.00 pm: SS564

01.00 pm - 02.00 pm: Lunch break

02.00 pm - 05.00 pm: DC electrical system design

05.00 pm: End of course

09.30 am - 10.30 pm: DC air-conditioning design

10.30 pm - 12.00 pm: Uptime Tier design

12.00 pm - 12.30 pm: MCMC technical code

12.30 pm - 02.00 pm: Lunch break

02.00 pm - 03.30 pm: SS564

03.30 pm - 04.30 pm: Chiller Plant M&V and controls

04.30 pm - 05.00 pm: GM2013

05.00 pm: End of course

Day

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Course Schedule