GREENRE
TECHNICAL SEMINAR ON
GREEN DATA CENTRE
(02-2022)-ONLINE

HRDCORP CLAIMABLE

GreenRE®

NOVEMBER, 29th & 30th 2022
09.00 am - 05.30 pm

Course Access Only
RM799 (GreenREAP/REHDA)
RM849 (Non-Member)
Certificate of Attendance will be given
CPD: GreenRE (5), ST, LPPEH & MBOT (tbc)

Register Now
https://forms.gle/6WeP5bg2JKRtHtYA8

For further information,
✉ training@greenre.org
📞 03-7803 2978
🌐 www.greenre.org

SCAN TO REGISTER

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.

Course Objective

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.

Speakers' Profile

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).

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).

Course Schedule

Day 1

09.30 am - 10.00 am : Registration and breakfast
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 - 03.30 pm : SS564
03.30 pm - 04.30 pm : Chiller Plant M&V and controls
04.30 pm - 05.00 pm : GM2013 for new & existing DC
05.00 pm : End of course

Day 2

09.00 am - 09.30 am : Registration and breakfast
09.30 am - 12.30 pm : DC electrical system design
12.30 pm - 02.00 pm : Lunch break
02.00 pm - 03.30 pm : DC air-conditioning system design
03.30 pm - 05.00 pm : Uptime Institute Tier Design
05.00 pm - 05.30 pm : MCMC Technical Code
05.00 pm : End of course