GreenRE Technical Webinar

Efficient Central Air-Conditioning Design and Measurement & Verification Systems

6th - 8th July 2020

FEES

Course Access Only

**RM 199*
RM 249****

12 hours access to Webinar content
+
Certificate of Attendance

Course Access + M&V Examination

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RM 349****

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CPD
GreenRE 5 points
IEM/LAM/ST *to be confirmed*

GreenRE

The Speaker

Mr Steven Kang

Director of Business Development, Measurement & Verification Pte. Ltd.
Green Mark AP
Singapore Certified Energy Manager
US Certified Energy Manager
LEED AP
Core-trainer, BCA Academy's Green Mark Facilities Professionals (GMFP)

Mr Steven Kang is a Director of Business Development for Measurement & Verification Pte Ltd. He is qualified as Certified Green Mark Professional, Singapore Certified Energy Manager, US Certified Energy Manager and LEED Accredited Professional. He is appointed as the Ambassador for the Singapore's Building Construction Authority and sits on the committee for Singapore Energy Auditor Certification, Singapore Standard on Chiller Plant Measurement and Verification (SS591), Singapore Standard on Air-Conditioning and Mechanical Ventilation in Buildings (SS553). He is also in the technical review committee of Vietnam Green Building Council's Sustainable Building Assessment System.

Day 1 10am - 12pm	**Central Chilled Water Plants**
3pm - 5pm	**Chilled Water Airside Systems and Energy Efficient Water & Air Distribution Systems**
Day 2 10am - 12pm	**Chiller Plant Performance Optimization**
3pm - 5pm	**Airside Optimization and M&V of Chiller Plant Performance (AHRI 550)**
Day 3 10am - 12pm	**Airside Optimization and M&V of Chiller Plant Performance (SS 591)**
3pm - 5pm	**Recommended Good Practices for Instruments & Case Studies**

Introduction:

The importance of efficient air conditioning design and M&V systems are indisputable. Efficient AC systems has the potential to decrease operating and maintenance costs, decrease equipment purchase price, improve indoor air quality and reduce energy consumption by mitigating system performance issues. Additionally, Energy Efficiency is a major criteria in the GreenRE Certification Standards. It contributes to around 50% of the total points in GreenRE Project Assessment. Credits are allocated for the various energy efficient designs, practices and features used.

Objective:

To provide the fundamentals on air-conditioning measurement & verification (ACMV) and their optimisation.

Note:

Multiple Choice Question (MCQ) examination will be held within two weeks after the course completion via online.

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