The Institution of Engineers, Malaysia

ORGANISED BY ELECTRICAL ENGINEERING TECHNICAL DIVISION

Webinar Talk on Developments in Efficiencies of Data Center

Speaker: Mr. Andy Soon

FRIDAY, 22 APRIL 2022

10AM - 12PM

BEM APPROVED CPD/PDP: 2 **REF. NO.: IEM22/HQ/106/T(W)**

Registration Fees

IEM Members : RM 15.00

IEM Non Members : RM 70.00

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SYNOPSIS

Once-through water heat rejection systems, more commonly known as once-through cooling systems, are widely used in energy-intense industries due to their efficiency and reliability, yet remain rarely used in data centers. A small but growing number of Colocation providers are taking the opportunity to use once-through cooling systems, which is water to absorb their waste heat rather than rejecting it into the atmosphere. This delivers efficiencies, and in some cases high-density racks, to their customers. This presentation explores different designs and provides real-world case studies of colocation providers using them.

SPEAKER'S PROFILE

Mr. Andy Soon is Uptime Institute's Technical Consultant. He helps clients improve the performance, efficiency, and reliability of business-critical infrastructure through innovation, collaboration, and independent certifications.

He provides Tier Certification review on Tier Standard: Topology. This includes Tier Gap Analysis (TGA), Progress Review, Design Working Session, Tier Certification of Design Documents (TCDD), Site Readiness Visit and Tier Certification of Constructed Facility (TCCF).

Andy joined Uptime Institute in 2016, following more than 21 years of experience in aspects of information technology infrastructure systems, critical power systems, HVAC systems, fire protection systems, security systems and monitoring systems.

Andy has been a trusted advisor and consultant in designing, implementing and maintaining data centers. He has successfully helped clients build world class data centers that are resilient, reliable and efficient. Andy is valued for his experience and wide knowledge across information technology infrastructure environment, and he provides clients with expertise and best practices in designing and implementing their data centers to minimize investment and operational costs, thereby delivering optimum performance.

Prior to joining Uptime Institute, Andy was with IBM, Hewlett Packard Enterprise, Emerson Network Power and Carrier providing advisory and consulting services in data center mission critical facilities infrastructure, commercial and industrial cooling domain. Andy holds a Bachelor's degree in Electrical & Electronic Engineering (Hons) from University of Lincoln, United Kingdom and Masters in Business Administration (MBA) from University of South Australia. He is also an active ASHRAE member.