Webinar Talk on "Co-LO Data Center and Edge DC Latest ACMV Design and Technology Trend"

Organised by the Mechanical Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 2 Ref No : **IEM21/HQ/479/T (w)**

Registration fee

IEM Members:
RM15.00

Non-Members:
RM70.00

Date:
16th Dec 2021 (Thursday)
Time: 5.30pm to 7.30pm
Venue: ZOOM
Virtual Platform

SYNOPSIS

Co-Lo/Wholesale and Edge Data Centre (Data Center in a box) is mushrooming and increase exponentially in South East Asia to cater for rapid use of Internet, social media, virtualization and cloud technology. The heat density per server racks has increased from average of 1-3 Kw/Rack to 4-8 Kw/rack. Certain IT application have even reach 20-50 Kw/Rack. Downtown is not acceptable. With this development and the drive to be more energy efficient and environmental friendly, new approach and better technologies are developed to cater for this increasing cooling demand and its availability. This webinar will share key design concepts how this cooling challenge can be mitigated and various cooling technologies andmethods that can be implemented to fulfil the above challenge. The webinar will touch on DC Tier classification, fan walls, Containment, CFD, high chilled water temperature approach/rapid recovery chillers, modular concept, liquid cooling and Edge DC cooling approach and other key needs for Co-location/Edge data center.

Speaker's Biodata

Ir. Eric Chang is Managing Director of Visiontec System Sdn. Bhd. The Company is involved in providing one stop solution for all data center infrastructure setup. Ir. Eric Chang has over 30 years of manufacturing, implementing, Project and consulting experience especially in the area of critical cooling conceptual planning to implementing and maintenance of mechanical and electrical system for data center.

Ir Eric Chang is a Malaysia GBI green building facilitator. He is also an Uptime accredited data center designer. He is trained in data center cooling expert and energy efficiency by Data center dynamics which is the leading data center training program in the world.

He also regular speaker in regional conference on green data center conference and seminar.

Ir. Dr. Aidil Chee Tahir
Chairman
Mechanical Engineering Technical Division, IEM

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