The Institution of Engineers, Malaysia

SENIOR SPECIAL INTEREST GROUP (SSIG)

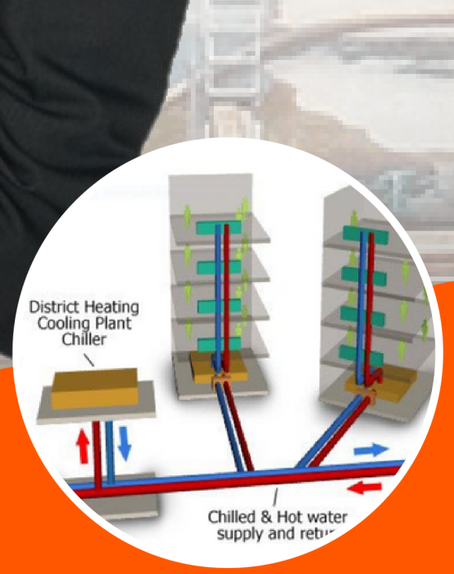
PROUDLY PRESENTS

TECHNICAL WEBINAR

DISTRICT COOLING SYSTEM – AN ENVIRONMENTAL-FRIENDLY AND EFFICIENT COOLING TECHNOLOGY TO MEET SUSTAINABILITY NEEDS

SPEAKER:

MR. CHEN BOON NAM
GENERAL MANAGER
TNB ENGINEERING CORPORATION SDN. BHD. (TNEC)



Webinar Details

- **Date:** 20 May 2023 (Saturday)
- **Time:** 9am – 11am
- **Platform:** GotoWebinar
- **BEM Approved**
- **CPD:** 2
- **Ref. No.:** IEM23/HQ/159/T (w)

Registration Fees

- STUDENT MEMBERS : FREE
- IEM MEMBERS : RM 15.00
- IEM NON MEMBERS : RM 70.00

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Webinar Synopsis

Air conditioning, including space cooling has been identified as one of the key drivers of global electricity demand over the next three decades, according to the International Energy Agency (IEA) in its The Future Cooling Report.

Malaysia is expected to experience similar development with electricity consumption for space cooling continues to register growth, driven by increased population, urbanization and rising temperature. In order to meet the cooling demand and growing concerns on the environment including climate goals, an efficient and environmental-friendly cooling technology is needed to mitigate the impact of climate change. Hence, it is crucial that efficient and smart cooling system with proven capabilities such as district cooling system (DCS) is adopted and implemented to address the issues.

A centralized district cooling system, particularly in a large development area with high cooling load, is more efficient and cost effective than individual air conditioning system. The improved efficiency and performance of DCS translates to lower energy consumption and hence, lower CO_2 emissions.

With the increased concern on CO_2 emissions and shift towards a more sustainable energy future, it is vital for engineers as well as builders to promote DCS technology and uplift their roles in the adoption and implementation of DCS in Malaysia.

Speaker's Profile

Mr. Chen Boon Nam is the General Manager of TNB Engineering Corporation Sdn Bhd (“TNEC”), which is a leading provider of District Cooling System (“DCS”) solutions as well as the most experienced DCS owner and operator in Malaysia.

Previously with Group Finance Division of Tenaga Nasional Berhad (“TNB”), he has over 33 years of experience in business development, strategic and scenarios planning, financial planning, regulatory accounting, project financing and modeling, risk management and modeling, integrated energy planning (IRP) and, power planning and demand forecasting.

He holds a Bachelor of Engineering and Master of Business Administration from Ohio University, USA.

In recent years, in his capacity as the General Manager of Business Development and Ventures, he has been extensively involved in the pursuit and development of DCS business for TNEC. He is also responsible for TNEC’s business growth and strategy by leveraging on the company’s product offerings, solutions and operations. Mr Chen is passionate about sharing his knowledge and experience on DCS and hope the sharing session will provide valuable insights into the advantages, opportunities, and potential obstacles associated with DCS in Malaysia.

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