

Organizer: **Technical Visit at Exchange Square- Chiller Plant  
& Central Monitoring Centre**



The Chiller Plant of Exchange Square in the heart of Central was upgraded in the past few years. The Chiller Plant has total of 10,500 Tons and provides chilled water to 4 Office Towers at Exchange Square. It is one of the examples of District Cooling System (DCS). There are six chillers in the plant with different cooling capacities with using direct sea water cooling system. They have two 1000 ton chillers with VSD which are capable to both cooling and heating; and one 1500 ton chiller, two 2000 ton chillers and one 3000 ton chiller which provide chilled water for cooling only. In terms of control, they use different combinations of chiller on / off sequences in different occasions to optimize the building operation.

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Date: 17 Dec 2021

Time: 14:30 to 16:30

Venue for Gathering: Exchange Square  
(<https://.....> or attached direction map)

Online registration:

<https://forms.gle/xxWSJUJZQKCZif4s19>

Max. No of Participants: 20 (First-come-first serve for HKAEE members only)

Enquiry: Please contact Mr. Mike Cheng at 9073 8458 or [mcmcmc74@gmail.com](mailto:mcmcmc74@gmail.com)

### Integrated Building Management System (IBMS) for Hongkong Land

Different building management systems were built in buildings of Hongkong Land Central Portfolio for operation and maintenance purposes.

Hongkong Land and JEC jointly developed an Integrated Building Management System (IBMS) which integrated all legacy building systems of different buildings onto a single platform, thereby enhancing operational efficiency, resilience and overall cost-effectiveness.

JEC's IBMS system assists Hongkong Land in efficiently operating a Central Monitoring Centre (CMC), located in Exchange Square, Central.

The objective of this system is to help Hongkong Land's building management team achieving the following critical functions through a centralised approach across all its buildings in Central:

- Incident and Crisis Management
- System Performance Management
- Data Analytics for Preventive/Predictive Maintenance