

Organisers:



Energy Performance Improvement on Existing Buildings - Cases Sharing on Retro-commissioning

Date: 4 December 2020 (Friday)

Time: 6:00pm - 7:30pm

CPD Hour: 1.5 CPD hours will be automatically uploaded to attendees' RCx Practitioner/ RCx Professional Individual Accounts

Language: Cantonese supplemented with English presentation materials

Fee: Free of Charge

Capacity: 500

Registration Deadline: 3 December 2020 (Thursday) or Full Capacity



Programme:

6:00pm - 6:40pm Knowledge Sharing: System and Energy Performance Optimization through Retro-commissioning

Ir Colin CHUNG
HKAAEE Director

6:40pm - 7:20pm Knowledge Sharing: Pragmatic Application of RCx with Case Studies – A Guide for Speed to Energy Savings

Ir Gary HUI
Executive Director, Energenz

7:20pm - 7:30pm Q&A Session

Remarks: This CPD event will be conducted in the form of webinar via Zoom.
(An event reminder with Zoom Webinar ID will be provided at around a week before the event.)

This topic is suitable for RCx Practitioner (Level 2) and RCx Professional.

Enquiries:

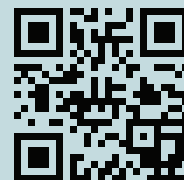


HKGBC Secretariat
(3994 8818)



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REGISTER NOW!



Website:

<http://retro.hkgbc.org.hk/cpreg.php?para=nil&serial=70>

Supporting organisations:



Energy Performance Improvement on Existing Buildings - Cases Sharing on Retro-commissioning

Abstract and Biography

Knowledge Sharing: System and Energy Performance Optimization through Retro-commissioning

It is well known that buildings in Hong Kong consumes 90% of the electricity generated in the city while 66% of the total electricity are consumed by the commercial buildings. For those commercial buildings, more than half are equipped with central air-conditioning system consists of both water-side and air-side equipment which will provide great opportunities for fine tuning the systems and will provide significant improvement of the efficiency of energy utilization. Examples relating to chiller staging and sequencing, temperature setting for air-side system, flow adjustment and pump operation for waterside system will be discussed and shared with ultimate goal in energy savings without compromise of indoor air quality and comfort level.

Speaker: Ir Colin CHUNG, HKAEE Director



Ir Chung has many years of professional engineering experience in the design and management of industrial, commercial, infrastructure and transportation related projects. His particular expertise includes HVAC systems, energy management, cogeneration and trigeneration power system and district cooling system.

Colin is the Managing Director of the Sustainable Development & Environment Group, China Region of WSP. He is the fellow member of HKAEE, HKIE and many other local and international professional institutions. Ir Chung was the Past President of HKAEE, Past Chairman of Energy Institute – HK Branch and Gas and Energy division of HKIE. He is also the former Director and past Chairman of Green Labelling Committee of HKGBC. Currently, he is the director of HKAEE and Hon Secretary of Association of Energy Engineers – HK Chapter and BEAM Society. Ir Chung is also a REA and RCx Professional.

Knowledge Sharing: Pragmatic Application of RCx with Case Studies – A Guide for Speed to Energy Savings

Whilst retro-commissioning is a proven means to optimize energy efficiency performance of the buildings and lower energy consumption, its real-life experience and application case sharing are scarce in the industry hence this might create a barrier for any organisation that might wish to adopt RCx. In this knowledge sharing session, Gary will give insight from both a project procurement/execution and technical perspective how different approaches to RCx can be pragmatically adopted to achieve energy savings. Gary will use real-life example and case study which you should easily adopt or procure in various context in order to achieve speed to savings.

Speaker: Ir Gary HUI, Executive Director, Energenz

Gary is seasoned engineer specialising in energy and sustainability of the built environment, ranging from strategy, planning, design, procurement, operation, and policy.



Gary spearheads design and operation of buildings in a most versatile and effective manner, connecting strategy, planning, design, construction, commissioning and operation into a holistic cycle. His integrative approach harmonises multi-disciplinary engagement, ensuring all elements of a building resolved in an optimal manner to impact both the engineering and commercial value of a built asset.

Gary is passionate about using data from buildings to optimise performance of building assets, he is a recognized thought leader in retro-commissioning and big data-driven building commissioning and operation, he is a speaker at the workshops at Hong Kong EMSD, Hong Kong Green Building Council, ASHRAE Hong Kong and Macau, the conferences of International Facilities Management Association, Building Services Operation and Maintenance Executives Society, Hong Kong Hotel Association, Hong Kong University... etc.

Gary has worked on energy related project of exceeding an annual footprint of 1bn kWh and has helped clients save hundreds of millions of dollars spent on energy and operation optimization. His understanding in business operation, management and engineering allows him to have a wide spectrum of consultancy work.