

## Training Course on “Building Energy Management”

All buildings can experience performance degradation over time. Retro-commissioning (RCx) is a process to improve the energy efficiency of an existing building’s equipment and systems. Retro-commissioning can produce significant energy savings which can be verified by using the measurement and verification (M&V) techniques to compare the baseline and post-installation or performance period.

Green Council invites environmental or engineering professionals to join us live in an exclusive interactive online training which will focus on RCx.

### Details

#### **Content of Session 1:**

- Introduction of energy management system and relevant guidelines and regulations for building
- Retro-commissioning implementation

Date and Time: 14:30-17:30 on 13th, January, 2021

Registration: <https://register.gotowebinar.com/register/5483735490520764429>

#### **Content of Session 2:**

- Measurement & Verification of Energy Performance
- Cases sharing
- RCx project presentation by HK Electric who won Hanson Grand RCx (Implementation) Award in Energy Saving Championship Scheme 2019 by EMSD

Date and Time: 14:30-17:30 on 15th, January, 2021

Registration: <https://register.gotowebinar.com/register/568975688967059981>

Venue: Webinar

Language: Cantonese

Fee: Free of charge

Certificate of Attendance will be issued to participants who attended all the 2 sessions and completed a feedback survey.

### Instructor

*Ir Gary, Kar Kit Chu*

K. K. Chu, Gary is an independent consultant focused on energy and environmental areas. He received BSc in 1993, MPhil in 2000 in Electrical Engineering from the University of Macau and The Hong Kong Polytechnic University respectively. In recent years he achieved various professional credentials on energy and green building areas:

- BEAM Pro (NB, EB, BI) – Hong Kong Green Building Council
- LEED® Green Associate – USGBC
- Certified Energy Manager® (CEM®) – AEE
- Certified Measurement & Verification Professional (CMVP®) – AEE & EVO
- Certified Energy Auditor (CEA®) – AEE
- Certified Carbon Auditor Professional (CAP) – AEE
- Certified Building Commissioning Professional (CBCP®) – AEE

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After obtaining the bachelor’s degree he joined “Companhia de Electricidade de Macau – CEM, S.A.” as a maintenance engineer (Control and Instrumentation area) at power plants and ultimately promoted to be a Maintenance Responsible position to manage the whole teams until 2005. Between 2005 and 2007, he was invited by Macao SAR Government as a Technical Advisor for responsible for the development on energy market at Macao. Currently, he acts as an independent consultant and project coordinator on number of companies in various engineering area. Specifically, at the Mainland China, he provides an energy management consultancy service which including energy audits, energy data analysis, baseline measurement, M&V plan, and energy efficient project. And he is also the Association of Energy Engineers (AEE) and Efficiency Valuation Organization (EVO) authorized trainer for providing the professional certificate training on CEM®, CAP, CBCP® (Retro-commissioning related) and CMVP® (Measurement and Verification related) for Asia Pacific Rim Region.

### Speakers from The Hongkong Electric Co., Ltd.

Mr. Thomas Yeung, Manager (Building Maintenance & Services)

Mr. K.K. Wu, Project Engineer

Mr. C.W. Chan, Data Centre Specialist

### Supporting Organizations



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