



## Organizers



香港城市大學  
City University of Hong Kong  
Ability R&D Energy Research Centre  
School of Energy and Environment

## Co-organizers



(TBC)



# Technical Talks on Energy Audit

28 November 2015 (Saturday)

The Energy Institute Hong Kong, the Ability R&D Energy Research Centre of City University of Hong Kong, the Association of Energy Engineers (Hong Kong Chapter) (TBC) and the Hong Kong Association of Energy Engineers jointly organize a half-day **Technical Talks on Energy Audit** on 28 November 2015 (Saturday) for their members. Others interested in the event are also welcome.

### About the Event

Energy Audit is an engineering approach to analyze the energy flows of a building and identify possible Energy Management Opportunities (EMOs) to reduce the amount of energy input to the system without affecting the output performance including safety, comfort etc.. Three topics cover various of focuses in related to Energy Audit will be shared in this technical talk.

### Energy Management System (EnMS)

Systematic management of energy in an organization can effectively achieve high energy efficiency, cost savings and reduction in environmental impacts for continual improvement. The important components in an energy management system (EnMS) include energy policy, energy reduction targets, energy management strategies and management review. The speaker will describe EnMS in more details and highlight the key factors to the successful implementation of EnMS.

### Finding Opportunities in a Holistic Approach for Energy Assessment

Energy assessment is one of the significant stages to evaluate the energy performance and condition of the current system and equipment in the energy and sustainability management program. The energy assessment is always limited to a given period of time. A proper preparation and evaluation is a critical step during the assessment. This presentation will share the experience on how to conduct an energy assessment in a holistic approach. Furthermore, it will discuss on how to realize the saving opportunities during the energy assessment process.

### Understanding Measurement for Energy Audit

Measurement will form the basis for the energy calculation involved in developing baseline and projection of energy saving magnitude. An accurate measurement is important to give representative data for auditor & building owner to make the right decision to invest in retrofit works. This section briefly reviews the measurement principles and techniques required to take meaningful data. Basic instrument types and usage are described with sample cases.

### Moderator

- **Ir Colin Chung**, Past Chairman, Energy Institute Hong Kong / Immediate Past President, Hong Kong Association of Energy Engineers

### Speakers

- **Ir Prof Michael KH Leung**, Associate Dean and Professor, School of Energy and Environment, City University of Hong Kong
- **Mr Justin Ng**, Assistant Vice President, Sustainability Life Cycle Management, Galaxy Macau
- **Ir Gary Chiang**, Immediate Past Chairman, Energy Institute Hong Kong / Acting Business Strategy & South China Development Manager, CLP Power Hong Kong Limited

<u><b>Time &amp; Date</b></u>	0910 - 1230; 28 November 2015 (Sat)	<u><b>Venue</b></u>	Lecture Theater 5 (LT-5), 4/F, Academic 1, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong
<u><b>Fee</b></u>	Free of charge	<u><b>CPD</b></u>	CPD attendance certificates will be issued to attendees (3 hours)
<u><b>Language</b></u>	English		

### Registration

Please register on-line through



<https://goo.gl/cOvLqz> (copy this link and paste on the browser should it cannot be linked directly) on or before 10 November 2015.

## **Tentative Rundown**

0910 - 0930	Registration
0930 - 0935	<b>Welcoming Notes</b> - <b>Ir Paul Kwong</b> , Chairman, Energy Institute Hong Kong
0935 - 0940	<b>Souvenir Presentation</b>
Moderator: <b>Ir Colin Chung</b> , Past Chairman, Energy Institute Hong Kong / Immediate Past President, Hong Kong Association of Energy Engineers	
0940 - 1020	Energy Management System (EnMS) - <b>Ir Prof Michael KH Leung</b> , Associate Dean and Professor, School of Energy and Environment, City University of Hong Kong
1020 - 1040	<i>Tea Break</i>
1040 - 1125	<b>Finding Opportunities in a Holistic Approach for Energy Assessment</b> - <b>Mr Justin Ng</b> , Assistant Vice President, Sustainability Life Cycle Management, Galaxy Macau
1125 - 1210	<b>Understanding Measurement for Energy Audit</b> - <b>Ir Gary Chiang</b> , Immediate Past Chairman, Energy Institute Hong Kong / Acting Business Strategy & South China Development Manager, CLP Power Hong Kong Limited
1210 - 1230	<i>Q&amp;A</i>
1230	<i>End of Event</i>