



Best Practices for Energy Management (83104)

Hong Kong currently has over 40,000 existing buildings that account for 92% of total electricity demand in the territory. Good practices in energy management can reduce electricity consumption and save costs. For example, BEC Headquarters has achieved the Platinum rating of Provisional Assessment under the BEAM Plus Existing Buildings (version 1.2) by implementing a number of energy saving measures, such as installation of variable speed oil-free air-cooled chiller. This 3-hour course offers an overview on current practices for achieving effective energy management.

Topics To Be Covered

- Principles of energy management
- Highlights of Buildings Energy Efficiency Ordinance (BEEO)
- Key elements of energy audit
- Reducing energy consumption by effective energy saving practices
- Case studies and experience sharing
- Building tour – BEC Headquarters

Learning Outcomes

- Understand the requirements of BEEO
- Outline key concepts and approaches to an energy audit
- Understand how to apply the energy management skills and techniques in their buildings

Who Should Attend

- This is a course for people seeking to learn about energy management practices, particularly for those who are in charge of energy management, including facility managers, frontline operators, project managers, project administrators, service providers and any individuals who wish to have a better understanding of effective energy saving practices in general.

Tutors

- **Ir Alan Hung, Senior Manager – Green Building & IAQ**
BEng(Hons), PgDip, MHKIE, R.P.E.(CAI), CEng, FSOE, MIMechE, CEM, MAEE, BEAM Pro
Ir Hung is a Registered Professional Engineer with over 15-year of experience in engineering, construction management and project management, as well as design, contracting, testing & commissioning of building services systems. He is the facility management manager of BEC Headquarters and is also responsible for the project management of the BEC Headquarters Transformation Project, which has improved the overall energy efficiency of the building and achieved BEAM Plus Provisional Platinum Rating (Existing Buildings).
Ir Hung is a Member of the Hong Kong Institution of Engineers, a Member of the Institution of Mechanical Engineers, a Chartered Engineer of the Engineer Council UK, a Certified Energy Manager of the Association of Energy Engineers USA and a Fellow Member of Society of Operations Engineers.
- **Dr Veronica W Y Chan, Programme Manager – Education; Specialist – Green Building & IAQ**
PhD, MPhil, BSc (Hons), BEAM Pro
Dr Chan has over 12-year of experience in environmental-related research, consultancy and training at different levels, ranging from higher diploma to postgraduate levels. Her expertise includes monitoring and disinfection of the bioaerosols, health risk assessment, modelling of the indoor air quality (IAQ) pollutants and green building assessment (e.g. BEAM Plus). She has published 40 papers in peer-reviewed international journals and conferences, contributed as an international journal reviewer, and participated in more than 100 IAQ-related and BEAM Plus projects.

Date, Time & Venue

- 3 hours – 31 July 2015 (Friday) 14:30 – 17:30.
- Venue – Business Environment Council Limited 商界環保協會有限公司, 77 Tat Chee Avenue, Kowloon Tong, Hong Kong (close to Kowloon Tong MTR Station Exit C1).

Course Fee

- HK\$540 (Subject to a maximum discount of 20%)*
 - * Early Bird Discount – 5% if you register 3 weeks before the commencement of course.
 - Group Discount – 5% for 2 or more applicants from the same organisation enrolled for the same course.
 - BEC Membership Discount – Council Member: 10%; Corporate or General or Affiliate Member: 5%.

Medium of Instruction

- Cantonese supplemented with English.

Certification

- A Certificate of Attendance is awarded to each attendee who successfully completes the course (100% attendance is required).

Application Deadline

- Enrolment deadline is 5 working days before the course commencement date. Late enrolment will be accommodated subject to seat availability.

Application Form

- Click [here](#) to download the Application Form.

Terms & Conditions

- Duly completed application form accompanied by payment will be considered for admission;
- Course fee is non-refundable, non-transferable and should be received by BEC IEE no later than 5 working days before the commencement of the course;
- Admission is made on a first-come-first-served basis;
- Successful applicants will be notified no later than 3 working days before the commencement of the course;
- Unsuccessful applicants will be given refund of course fees if they have already paid;
- The course will be cancelled with full refund when the typhoon signal no.8 or above, or black storm warning is hoisted 3 hours before the course commences;
- An official e-receipt will be distributed through email to the participant upon the completion of the course;
- BEC reserves the right not to conduct the course if the applications are below the required minimum number of participants, and course fees received will be refunded. All decisions made by BEC on matters related to the courses are final;
- Personal data including contact information will be used by BEC for its communications and direct marketing purpose, including newsletters and promotions of events, training courses and other activities. If you do not wish to receive any further promotional materials from BEC, please send an email to us at unsubscribe@bec.org.hk; and
- Information provided will be kept strictly confidential and will not be sold, reused, rented, loaned, or otherwise disclosed to third party.

About Business Environment Council Limited 商界環保協會有限公司 (“BEC”)

Business Environment Council Limited 商界環保協會有限公司 (“BEC”) is an independent, charitable membership organisation, established by the business sector in Hong Kong. Since its establishment in 1992, BEC has been at the forefront of promoting environmental excellence by advocating the uptake of clean technologies and practices which reduce waste, conserve resources, prevent pollution and improve corporate environmental and social responsibility. BEC offers sustainable solutions and professional services covering advisory, research, assessment, training and award programs for government, business and the community, thus enabling environmental protection and contributing to the transition to a low carbon economy.

For more information in BEC, please visit www.bec.org.hk.

About BEC Institute of Environmental Education (“BEC IEE”)

BEC IEE, a division of BEC, provides a platform for business managers and decision makers, to advance their knowledge and develop the expertise necessary for environmental decision-making. BEC IEE also facilitates professional development by promoting quality environmental education through various environmental education programmes.

For further enquiries or assistance, please contact BEC IEE at beciee@bec.org.hk

2/F, 77 Tat Chee Avenue, Kowloon Tong, Hong Kong
香港九龍塘達之路 77 號

T. (852) 2784 3900
F. (852) 2784 6699
www.bec.org.hk

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