

Briefing Sessions on the Buildings Energy Efficiency Ordinance for Registered Energy Assessors



21 Dec 2016
4 Jan 2017
11 Jan 2017

Briefing Rundown



- 1) **Latest Progress** on implementation of the BEEO
- 2) **Appraisal mechanism** on poor submission and adverse performance
- 3) **Technical Guidelines** on BEC and EAC 2015 Edition
- 4) Common **non-compliance items** in statutory submission
- 5) Implementation of **Retro-commissioning (RCx)** in Existing Buildings

Legislative Framework



Cap 610 - Buildings Energy Efficiency Ordinance (BEEO)

Cap 610A
Buildings Energy
Efficiency (Fees)
Regulation

Cap 610B
Buildings Energy Efficiency
(Registered Energy Assessors)
Regulation

Building Energy Code

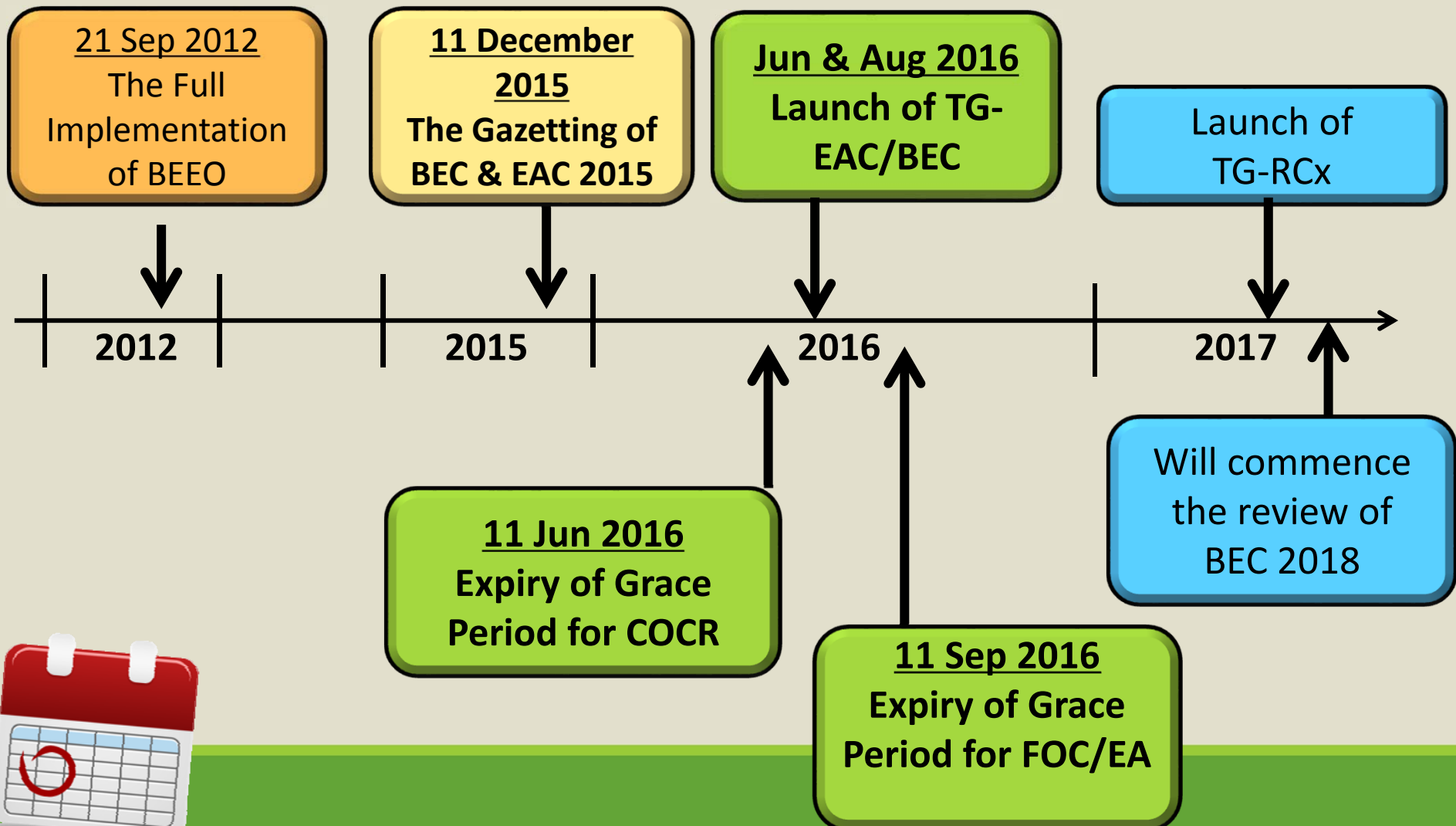
Energy Audit Code

Technical guidelines on BEC

Technical guidelines on EAC

**2015
Edition
Effective**

Milestone



Technical Taskforce and Working Group



Technical Taskforce and its **6 Working Groups** consists of **31** representative organizations:

Addition of new representative organizations:

- a) CLP & HKE
- b) HKGBC
- c)



Statutory Submission of BEEO



Certificate of Compliance Registration (COCR)	<ul style="list-style-type: none">• Stage one declaration received : 1250• Stage two declaration received : 350
Form of Compliance (FOC)	<ul style="list-style-type: none">• FOC for MRW received : 5,500
Energy Audit (EA) Form	<ul style="list-style-type: none">• EA form received : 2,500

Form of Compliance



Channels to enhance the compliance rate

- ✓ **Project List from Government Block Votes**
- ✓ **List of New / Modification of Lift & Escalator**
- ✓ **Outreaching Programme**
 - Enhancement action
- ✓ **Sampling site Inspection**

The image shows a tilted view of Form E24 (Table 1), titled 'Form of Compliance'. It is a document from the Government of the Hong Kong Special Administrative Region, Building Energy Efficiency Ordinance (Chapter 610, Section 18). The form includes fields for 'Name of Building', 'Address', 'Date of Completion', and 'Name of Person in Charge'. It also features a table for recording compliance details, with columns for 'Name of Building', 'Address', 'Date of Completion', and 'Name of Person in Charge'. The form is issued by the Environmental Protection Department (EPA) and the Environmental Monitoring System (EMS).

Energy Audit



- 3,500 number of buildings required for energy audit

Batch 1	100%
Batch 2	> 99%

- Overall compliance rate: 90%
- Analysis on the energy data (e.g. EUI) is in progress

Step up Enforcement Action



➤ No. of issued Improvement Notice	180
➤ No. of prosecution	5
➤ Fine for each prosecution case	\$2,000 - \$21,000

- Improvement Notice and Prosecution will be instigated
- Suspicious energy audit cases are under review

Registered Energy Assessor



- Total number of REA : 920
- % of active REA is around 340 (~30%)

Case submitted per REA	Total no. of REA
1-10	220
11-40	90
>41	30 (handled over 3500 cases)

Quality of REA Submission



COCR

- Many COCR were rejected
- Major non-conformities identified

FOC

- Over 140 reminder letters were issued for supplementary information since Oct 16

✓ Tighten the control of submissions is required

Penalties of Offences for REA



With the provision of the Ordinance

Cap 610B – Section 11

An REA commits an offence if he/she fails to notify, within 28 days, the Director of change in particulars. (\$2,000)

Cap 610B - Section 14(4)

An REA commits an offence if he/she fails to notify, within 28 days, the Director of cessation to hold a qualification upon which his/her registration is (\$5,000)

Penalties of Offences for REA



With the provision of the Ordinance

Cap 610 - Section 49

REA commits an offence if he/she knowingly or recklessly issues any FOC or Energy Audit Form, or make any certification, that is *false or misleading in any material particular.*

(\$100,000 & imprisonment for 6 months)

Disciplinary Actions toward non-perform REA



Cap 610B - Section 13

With the provision of the Ordinance

- fail to comply with the Ordinance
- has been convictedhas been **negligent or misconducted** himself or herself **in a professional respect**,

The Director may

- Institute disciplinary proceeding (BEEO Disciplinary Board)
- Order the REA be reprimanded
- Publish the order in the Gazette

Monitoring of REA Performance



- Order the reprimanded not uncommon

Electricity Safety

Home > Electricity Safety > Registered Electrical Work

Registered Electrical Workers and Contractors - Disciplinary Action

In accordance with Section 36 of the Electricity Ordinance, the Director of Electrical and Mechanical Services may take disciplinary action against a registered electrical worker (REW) or a registered electrical contractor who has contravened the provisions of the Electricity Ordinance.

During the period from January 2011 to October 2016, disciplinary actions were taken against the following REWs and RECs being found to have contravened the provisions of the Electricity Ordinance:

- ▶ [Registered Electrical Workers and Contractors - Disciplinary Action](#)
(From January 2011 to October 2016)
[PDF format (149KB)]

[Please download Acrobat Reader to view the PDF files.](#)

During the period from January 2011 to October 2016, disciplinary actions were taken against the following REWs and RECs being found to have contravened the provisions of the Electricity Ordinance.

Name of REW	Registration No.	Date on which disciplinary action was gazetted	Government Notice No.
LUI Chi-on	W061174	14 January 2011	282
KONG Yee-ming	W054206	21 January 2011	474
YU Wai-hung	W009366	18 February 2011	1087
LAW Chi-kin	W058131	11 March 2011	1564

Monitoring of REA Performance



Outstanding letter for Supplementary Information
within specified timeframe



Reminder Letters will be kept issuing to all concerned
parties



Regular overall review on REA Performance

Monitoring of REA Performance



➤ Dossier on Non-conformities of REA

REA	Outstanding Cases
Aaa	38
Bbb	11
Ccc	11
Ddd	7

➤ Disciplinary Interview and/or Warning Letter

Monitoring of REA Performance



- Increase the number of **sampling site inspection**
- Issue IN for any rejected COCR Submission
- Development of a **REA Appraisal System** in future
 - Record of REA performance for consideration of **debarment** and future **re-registration**

Collaboration (to be finalized)



Authority



Professional

Collaboration

Way Forward



- a) Primary focus on the **quality** of statutory submission
- b) **Update the pertinent requirements** where necessary through addendum
- c) Comprehensive review to be conducted in **2018, 2021 and 2024.**
- d) Implementation of **Retro-commissioning**

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Thank you!

