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23 February 2016

Clerk to Panel on Environmental Affairs  
Legislative Council  
Legislative Council Complex,  
1 Legislative Council Road,  
Central, Hong Kong  
(Attn.: Ms Angel SHEK)

Dear Ms Shek,

**Legislative Council  
Panel on Environmental Affairs**

**Item IV. Mandatory Energy Efficiency Labelling Scheme  
Follow-up Actions to Meeting on 25 January 2016**

The Administration provides the supplementary information as required by the Panel as follows:

2. In the past decade, lighting on average accounted for about 15% of total electricity consumption in Hong Kong. Incandescent light bulbs (ILB) are not energy-efficient as 90% of the electricity consumed is lost as heat whereas only 10% is used for lighting. The Government has since 2012 adopted a two-pronged approach to expedite the phasing out of ILB by launching a Charter Scheme under which retailers and suppliers pledged to reduce the supply of ILB<sup>1</sup>, and stepping up public education on the benefit of using more energy-efficient lamps. Regarding alternatives, overseas countries and Hong Kong commonly

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<sup>1</sup> The Charter Scheme currently covers 25 watt or above non-reflector type ILB, including general lighting service lamps, candle shape, fancy round and other decorative lamps, but excluding tungsten halogen lamps.

adopt energy-efficient compact fluorescent lamps (CFL) and Light Emitting Diode (LED) lamps to replace ILB.

3. As at January 2016, a total of 36 suppliers and 28 retailers have signed up to the Charter. The suppliers and retailers have pledged to stop replenishing stock of targeted ILB and stop selling the targeted ILB by the end of 2013. The Electrical and Mechanical Services Department (EMSD) has written to all participating suppliers and retailers to remind them to stop the sale of ILB. Regular inspections have been regularly conducted since then to ensure suppliers' and retailers' compliance with the pledge.

4. According to the market studies conducted from end 2011 to early 2012, from January to March 2014, and from December 2014 to February 2015, the total annual sale of ILB has dropped from some 20.2 million in 2008 to 13.5 million in 2011, to 10.4 million in 2013, and to 9.3 million in 2014, representing a drop of some 33%, 49% and 54% respectively.

5. EMSD commissioned in late 2013 an extended study on the market size and sales trend of ILB in Hong Kong, the estimated share of installed stocks of incandescent light bulbs, CFL, tubular fluorescent light tubes, LED and other lightings in 2013 are 12.9%, 41.8%, 40.3%, 3.5% and 1.5% respectively.

6. The findings show that the sale of ILB in Hong Kong has been on a declining trend in the past few years, and this downward trend is expected to continue. We will continue to closely monitor future developments, and to educate the public and major lamp users on the benefit of using more energy-efficient lamps through broadcasting of TV and radio announcements in the public interests (APIs), distribution of posters and publicity materials, as well as dissemination of information on the Internet.

Yours sincerely,



(Miss Sheena YAP)

for the Secretary for the Environment