

CONTROLLING OFFICER'S REPLY

ENB043

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Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): (-) Not Specified

Programme: (3) Energy Efficiency and Conservation, and Alternative Energy

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for the Environment

Question:

It is indicated in the matters requiring special attention in 2019-20 that the Electrical and Mechanical Services Department will conduct studies on the expansion of the scope of the Mandatory Energy Efficiency Labelling Scheme to cover more appliances, and will continue research and development works on the application of new energy efficiency and renewable energy technologies. What are the expected completion dates of the studies?

Asked by: Hon QUAT Elizabeth (LegCo internal reference no.: 153)

Reply:

The Electrical and Mechanical Services Department (EMSD) is conducting a study on the energy consuming products to be covered in the fourth phase of Mandatory Energy Efficiency Labelling Scheme (MEELS). In deciding whether certain products are to be included in the MEELS, a number of factors will be taken into consideration, including experience of other places, international testing standards, estimated energy consumption and potential energy saving of the products, as well as views from stakeholders, etc. The study is expected to be completed in 2019. Thereafter the EMSD will carry out consultation with the trade and the public.

The EMSD plans to carry out 3 studies on the application of new energy efficiency and renewable energy technologies in 2019-20, which include (i) immersion cooling technology for servers in data centres; (ii) solar control window films; and (iii) hybrid wind-solar power generators. These studies will commence in April 2019. It is expected that their interim reports will be completed in 2019-20.

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