

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

ENB048

Question Serial No.

4790

Head: 42 Electrical and Mechanical Services Department
Subhead (No. & title):

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

Controlling Officer: Director of Electrical and Mechanical Services

Director of Bureau: Secretary for the Environment

Question:

Regarding the research study on the application of innovative energy efficiency technologies, the number of studies for 2012-13 and the number of planned studies for 2013-14 remain the same. Why not consider conducting more studies so as to promote energy efficiency and environmental protection? Please provide topics and expenditures of the studies completed in 2012-13.

Asked by: Hon. CHAN Ka-lok, Kenneth

Reply:

The technologies identified with good potential for promoting energy efficiency and conservation in Hong Kong will be put forward for trial studies and demonstration of their energy saving potential. Three studies will be conducted in 2013-14 and these studies are identified through the searching and identification process of potential technologies completed in 2012-13. The number of trial studies in pilot installation depends on the availability of technologies with good energy saving potential and suitable sites identified for trial studies. We are keeping abreast of latest development of innovative energy efficiency technologies suitable for local application.

In 2012-13, three research and development studies have been completed, covering concentrated photovoltaic system, application of heat pipes in air-conditioning system and intelligent lighting control. The estimated expenditure is \$0.86 million.

Name in block letters: CHAN Fan

Post Title: Director of Electrical and
Mechanical Services

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