

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

Head: 42 – Electrical and Mechanical Services Department      Subhead:

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: (a) Please list out the name, content, budgetary expenditure and time frame of the research and development studies on renewable energy in 2008-09.  
(b) Please provide the estimated energy savings in expenditure for the Government in 2008-09 through implementation of energy saving projects/programmes.

Asked by: Hon. LI Wah-ming, Fred

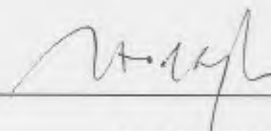
Reply:

- (a) The following research and development study on the application of innovative renewable energy technology will be carried out in 2008-09:

Study	Aim	Estimated Expenditure	Target Completion Date
Sun Tracking Photovoltaic System	To test the effectiveness of the technology in enhancing electricity generation of the photovoltaic system in local context.	\$0.5 million	September 2008

- (b) The Government has implemented 52 energy saving projects in 2007-08, which is expected to result in an estimated annual energy saving of 8.7 million kWh when all projects are completed, representing about \$8.7 million per annum in monetary terms.

Signature



Name in block letters

HO KWONG WAI

Post Title

Director of Electrical and Mechanical Services

Date

25 March 2008