

CONTROLLING OFFICER'S REPLY**ENB069****(Question Serial No. 4181)**

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 (CHAN Fan)

Director of Bureau: Secretary for the Environment

Question (Member Question No. 200):

With regard to the renewable energy projects undertaken for the Government and public bodies, please provide information in accordance with the format below-

	Government Department/ Public Body	Buildings/ Facilities Involved	Electricity and cost saving	Reduction in carbon emission
2011				
2012				
2013				
2014				

Asked by: Hon. KWOK Ka-ki

Reply:

The renewable energy installation funded by the resources allocated to the Electrical and Mechanical Services Department (EMSD) in 2011 is shown in the table below.

Year	Government Department/ Public Body	Buildings/ Facilities Involved	Electricity generated and cost saving [#]	Reduction in carbon emission
2011	Education Bureau	South Yuen Long Government Primary School	1 500 kWh and electricity cost saving of about \$1,500 per year	About 1 000 kg per year

[#] For calculation of cost saving, it is assumed that the average electricity tariff is \$1 per kWh.

Apart from the above project, there are also renewable energy installations funded by resources allocated to other departments for individual capital projects. Examples of these installations are the solar water heating system at Castle Peak Hospital, the photovoltaic system and small wind turbines at Sing Yin Secondary School, and the photovoltaic system and solar water heating system at Cruise Terminal Building. As these projects are funded by the provision for individual capital projects, there is no need for EMSD to allocate separate resources for their implementation in 2012 to 2014.