

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

ENB032

Question Serial No.

0294

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 : For 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
2010				
2011				
2012				

Asked by : Hon. EU Yuet-mee, Audrey

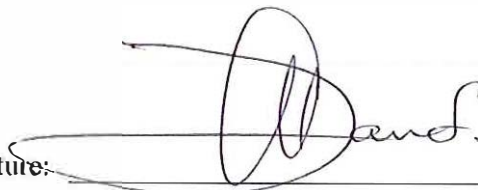
Reply :

The renewable energy installations funded by the resources allocated to the Electrical and Mechanical Services Department in 2010 and 2011 are shown in the table below.

Year	Government Department/ Public Body	Buildings/ Facilities Involved	Electricity generated and cost saving [#]	Reduction in carbon emission
2010	Education Bureau	Shau Kei Wan Government Secondary School; Chiu Lut Sau Memorial Secondary School; and Yuen Long Government Primary School	9 700 kWh electricity and about \$9,700 per annum	About 6 800 kg carbon dioxide per annum
	Leisure and Cultural Services Department	Lai Chi Kok Park; Middle Road Children's Playground; Tsuen Wan Jockey Club Tak Wah Park; and Tai Po Yuen Chau Tsai Park		
2011	Education Bureau	South Yuen Long Government Primary School	1 500 kWh electricity and about \$1,500 per annum	About 1 000 kg carbon dioxide per annum

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

Apart from the above projects, there are also renewable energy projects funded by resources allocated to other departments and project votes for individual capital projects. For example, a photovoltaic installation has been installed in the New Central Government Offices and the estimated annual electricity generated is 40 000 kWh, with a cost saving of about \$40,000 per annum.

Signature: 

Name in block letters: CHAN Fan

Post Title: Director of Electrical and Mechanical Services

Date: 29 February 2012