

CONTROLLING OFFICER'S REPLY**ENB228****(Question Serial No. 5671)**

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:

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

	Government Departments/ Public Bodies	Buildings/ Facilities Involved	Electricity and Cost Saving	Reduction in Carbon Emission
2015				
2016				
2017				

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

	Government Departments/ Public Bodies	Buildings/ Facilities Involved	Electricity and Cost Saving	Reduction in Carbon Emission
2015				
2016				
2017				

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 202)

Reply:

In promoting the application of renewable energy (RE) and energy-saving projects, the Government follows the Technical Circular on "Green Government Buildings" in incorporating RE and energy-saving facilities in the public works projects or venues concerned where technically feasible and cost effective, having regard to the actual site conditions. As these RE projects are funded by the provision for individual capital works projects, there is no need for the Electrical and Mechanical Services Department (EMSD) to

allocate separate resources for their implementation.

To promote energy saving in buildings, the Government has taken the lead in setting a target of 5% saving in the electricity consumption in government buildings from financial year 2015-16 to 2019-20 under comparable operating conditions, using the electricity consumption in 2013-14 as the baseline. In this connection, the EMSD has completed energy audits for about 350 existing major government buildings. Starting from financial year 2017-18, the Government has earmarked funding of at least 600 million for implementing energy-saving projects recommended by the energy audits. In financial year 2017-18, funding of 150 million was allocated to the EMSD for conducting energy-saving projects for various government departments, including the retrofitting of more energy-efficient lighting and control systems, light emitting diode lights and floodlights, and more energy-efficient air-conditioning and control systems, etc. A breakdown is given in the table below.

	Government Departments	Buildings/ Facilities Involved	Electricity Saving#	Reduction in Carbon Emission
2017-18	Correctional Services Department, Department of Health, Electrical and Mechanical Services Department, Fire Services Department, Government Laboratory, Government Property Agency, Hong Kong Police Force, Immigration Department, Judiciary, and Marine Department.	Correctional institutions, prisons, reception centres, laboratories, clinics, departmental headquarters, fire stations ambulance depots, training centres, government offices, police stations, control points, court buildings, and ferry terminals.	About 5.8 million kWh (estimated)	About 4 060 tonnes (estimated)

Note: The EMSD does not collect information on the electricity cost of individual government departments.

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