

CONTROLLING OFFICER'S REPLY

ENB221

(Question Serial No. 7218)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not Specified

Programme: (1) Energy Supply; Electrical, Gas and Nuclear Safety, (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. What are the respective numbers of electrical incidents reported to the Electrical and Mechanical Services Department (EMSD) in the past 5 years? What is the expenditure of the EMSD in 2019-20 for checking and repairing the electricity facilities in Hong Kong?

2. With regard to the renewable energy projects undertaken for the Government and public bodies, please provide information according to the format below:

	Name of Government Departments/ Public Bodies	Buildings/ Facilities Involved	Electricity and Cost Saving	Reduction in Carbon Emission
2016-2017				
2017-2018				
2018-2019				

3. With regard to the energy-saving projects undertaken for the Government and public bodies, please provide information according to the format below:

	Name of Government Departments/ Public Bodies	Buildings/ Facilities Involved	Electricity and Cost Saving	Reduction in Carbon Emission
2016-2017				
2017-2018				
2018-2019				

4. Please list the numbers of prosecutions and disciplinary actions taken by the EMSD in the past 5 years.

Asked by: Hon CHAN Tanya (LegCo internal reference no.: 115)

Reply:

1. The respective numbers of electrical incidents reported to the Electrical and Mechanical Services Department (EMSD) in the past 5 years are as follow:

Year	Number of Electrical Incidents
2018	382
2017	378
2016	427
2015	361
2014	401

The checking and repairing works of electricity facilities are carried out by their responsible persons instead of the EMSD. As for the electricity facilities owned by the Government, the checking and repairing works are undertaken by the departments that own the facilities. The EMSD does not have information on the expenditure involved.

2. In promoting the application of renewable energy (RE) and energy-saving projects, the Government will follow 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, the Director of Electrical and Mechanical Services is not the controlling officer of the projects’ expenditure, and there is no need for the EMSD to allocate separate resources for their implementation. Hence, the information requested in the question is not available.

3. The table below sets out the energy-saving projects implemented by the EMSD for various government departments and public bodies from 2017-18 to 2018-19:

	Name of Government Departments/ Public Bodies	Buildings/ Facilities Involved	Electricity Saving#	Reduction in Carbon Emission
2018-2019	Customs and Excise Department, Civil Aviation Department,	Arts and cultural venues, court buildings, cooked	About 13.3 million kWh (estimated)	About 9 310 tonnes (estimated)
2017-2018	Civil Aid Service, Hong Kong Correctional Services Department, Department of Health, Education Bureau, EMSD, Food and Environmental Hygiene Department, Fire Services Department, Government Flying Service, Government	food centres, clinics, community centres, departmental headquarters, fire stations, government offices, government quarters, municipal buildings, parks	About 5.7 million kWh	About 3 990 tonnes

	Laboratory, Government Property Agency, Hong Kong Observatory, Hong Kong Police Force, Hong Kong Independent Commission Against Corruption, Immigration Department, Judiciary, Leisure and Cultural Services Department, Marine Department and Radio Television Hong Kong.	and playgrounds, police stations, correctional institutions, control points, recreation centres, schools, sports centres, swimming pools, ferry terminals, etc.		
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#Note: The EMSD does not collect information on the electricity cost of individual government departments.

As the EMSD started to implement the energy-saving and energy efficiency improvement projects from 2017-18, no statistics for 2016-17 are available in the above table.

4. The numbers of prosecutions and disciplinary actions taken by the EMSD in accordance with the Electricity Ordinance (Cap. 406), Energy Efficiency (Labelling of Products) Ordinance (Cap. 598), Buildings Energy Efficiency Ordinance (Cap. 610) and Gas Safety Ordinance (Cap. 51) in the past 5 years are set out below:

Year	Number of Prosecutions Initiated	Number of Disciplinary Actions Taken [^]
2018	426	68
2017	946	41
2016	825	28
2015	812	28
2014	891	29

[^]Note: Disciplinary actions are not applicable to the Energy Efficiency (Labelling of Products) Ordinance.

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