

CONTROLLING OFFICER'S REPLY

ENB235

(Question Serial No. 4697)

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:

Please inform this Committee of the following:

- 1) Please provide in table form information on how much electricity was consumed by the Central Government Offices, various Government Offices and departmental headquarters over the past three years. What measures does the Government adopt to reduce electricity consumption?
- 2) The Government reported last year that a target on energy saving had been set, i.e. achieving a 5% saving in electricity consumption under comparable operating conditions as that of 2013-14 for government buildings in the coming five years (i.e. 2015-16 to 2019-20). Please inform us of the results of this target in 2015-16.
- 3) What are the plans and details of the energy saving projects to be undertaken for the Government and public bodies in the year ahead?

Asked by: Hon WU Chi-wai (Member Question No. 115)

Reply:

- 1) The respective total electricity consumption of government buildings in the past three years are as follows:

Year	Total Electricity Consumption of Buildings (kWh)
2013-14 #	1 421 million
2014-15 ^	1 460 million
2015-16 *	data collection in progress

Revised figure.

^ Preliminary figure.

* The total electricity consumption of government buildings in 2015-16 is not yet available as data collection is still in progress.

The Government has always been taking various energy conservation measures, including installation of equipment with high energy efficiency and implementation of energy saving housekeeping measures, such as turning off lightings and computers when not in use, switching off some of the lifts during off-peak hours, etc., in order to reduce unnecessary electricity consumption and enhance the energy efficiency of public buildings. However, since the electricity consumption in individual years are affected by various factors, including the scope of work, the establishment, the nature and operating hours of services, the gross floor area of buildings, the increase in public demand for public services, etc., it is not appropriate to directly compare the electricity consumption in different years.

2) Since data collection for the total electricity consumption of government buildings in 2015-16 is still in progress, the energy saving results are not yet available.

3) To achieve the energy saving target set by the Government, the Electrical and Mechanical Services Department will continue to implement a series of measures, including conducting energy audits on major government buildings with higher electricity consumption to identify energy management opportunities, and encouraging and assisting bureaux and government departments to implement energy management enhancement measures and electricity saving projects for government buildings in accordance with the energy audit results.

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