

**立法會**  
**Legislative Council**

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Tel : 2869 9206

Date : 20 February 2006

From : Clerk to the Legislative Council

To : All Members of the Legislative Council

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**Follow-up action on motion carried at the  
Legislative Council meeting of 14 December 2005**

**“Conservation of energy”**

Members may recall that the motion on “Conservation of energy” moved by Hon CHOY So-yuk, as amended by Hon SIN Chung-kai, was carried at the Legislative Council meeting of 14 December 2005.

2. In response to the views expressed by Members during the motion debate, the Administration has provided the attached progress report for Members' information. Members who wish to further pursue the matter may contact Miss Becky YU, Clerk to Panel on Environmental Affairs.



(Ms Dora WAI)  
for Clerk to the Legislative Council

Encl.

c.c. CCS(1)1

**Motion Moved by Hon CHOY So-yuk on “Conservation of Energy”  
as Amended by Hon SIN Chung-kai at the Legislative Council Meeting  
on 14 December 2005**

**Progress Report by the Environmental Protection Department**

	<b>Item</b>	<b>Progress</b>
1	Formulate a comprehensive and effective energy conservation policy;	The Government has formulated a set of comprehensive energy conservation policies to promote energy conservation and energy efficiency among all sectors and the public. The Electrical and Mechanical Services Department (EMSD) has implemented many programmes and projects on energy conservation, such as voluntary energy efficiency registration scheme, promotion of effective energy management practices among government departments and the public and private sectors, promotion of water-cooled air conditioning systems to improve the energy efficiency of commercial air-conditioning systems, and organization of public education and promotional activities, etc. We will review the effectiveness of the existing policies and programmes from time to time.
2	Establish a computer database on the energy consumption of products so that the public can have access to information on the energy efficiency of the products before deciding to buy such products;	The EMSD website has published information on registered products under the voluntary energy efficiency labelling scheme, including their brands and models, energy efficiency grades, annual energy consumption and product functions (such as the cooling capacity of air-conditioners or the freezing capacity of refrigerators) for public access. We will publish on the website more comprehensive information on energy consumption of products when the mandatory energy efficiency labelling scheme is launched. Moreover, the “EnergyLand” on the EMSD

		<p>website also contains information on guiding consumers how to select and use energy efficient household appliances and office equipment.</p>
3	<p>Establish an energy conservation committee which is independent of the Government to coordinate the Government's and the two power companies' resources and initiatives for promoting energy conservation;</p>	<p>The Government has established an Energy Efficiency and Conservation Sub-committee under the Energy Advisory Committee. The Sub-committee is chaired by a non-official member and its membership comprises representatives from the relevant government departments, the two power companies, and the academic, architectural, surveying and engineering sectors. The Sub-committee will advise the Government on energy conservation initiatives.</p>
4	<p>Take the lead in drawing up internal energy conservation programmes within various departments, to appoint an energy manager to oversee the implementation of energy conservation initiatives, and to provide annual reports reviewing the effectiveness of the initiatives;</p>	<p>Since 1993, government departments have appointed Green Managers to coordinate green management matters within the departments, including energy conservation initiatives. In addition, the Environment, Transport and Works Bureau (ETWB) issued guidelines again in 2004, requiring all departments to appoint energy wardens for offices or buildings under their management to remind staff of the need to strictly enforce energy saving measures.</p> <p>The Government's energy conservation initiatives have already produced encouraging results. In terms of annual electricity consumption per square metre of floor area, the average electricity consumption in government office buildings has decreased 2.7% from 262 kWh/m<sup>2</sup> in 2002-03 to 255 kWh/m<sup>2</sup> in 2004-05. The guidelines issued by the ETWB in 2004 also require all departments to adjust the air-conditioning systems in their offices</p>

		<p>so that indoor temperature is kept at 25.5°C during summer months. The overall electricity consumption in government office buildings from April to September 2005 has been reduced by 2% compared with the same period in 2004.</p>
5	<p>Make it mandatory for proposed government buildings to pass the energy efficiency assessment prior to construction in order to ensure that the designs, materials and facilities of such buildings meet the energy conservation requirements;</p>	<p>Since 2001, the Architectural Services Department (ASD) has adopted the "Overall Energy Approach", by which energy efficiency will be taken into consideration in the process of building design.</p>
6	<p>Actively promote the implementation of green roof projects on buildings, especially government buildings such as hospitals and schools, etc, throughout the territory;</p>	<p>The ASD has incorporated green roof or flat roof landscaping into new government building projects wherever possible since 2001. The types of buildings include government offices, quarters, hospitals, schools, police headquarters and the EMSD Building, etc. So far, 30 green projects have been completed while almost 40 related projects are either under planning or construction. The Government will continue to implement green roof or flat roof projects wherever possible.</p>
7	<p>Expediently implement the mandatory energy efficiency labelling scheme;</p>	<p>We have consulted the public on the mandatory energy efficiency labelling scheme. The public generally supported the scheme. We are now discussing with the trade and other stakeholders on the details of the scheme and are drawing up the relevant legislation.</p>

8	<p>Promote the provision of economic incentives by the two power companies with a view to encouraging their customers to use energy-saving electrical appliances;</p>	<p>The Chief Executive stated clearly in the 2005 Policy Address that power companies would be required to implement demand side management. We have proposed in the Stage II Consultation Paper on the Future Development of the Electricity Market in Hong Kong that the power companies be given financial incentives in the regulatory framework for the post-2008 electricity market to improve their performance in energy efficiency and conservation.</p>
9	<p>Promote the introduction of an effective mechanism, including the provision of economic incentives, by commercial properties with a view to encouraging commercial tenants to reduce electricity consumption; and</p>	<p>Since 1998, the EMSD has developed various energy efficiency guidelines, including the "Guidelines on Performance-based Building Energy Code" and the "Guidelines on Energy Audit", to promote energy conservation in commercial properties. It has also launched the "Hong Kong Energy Efficiency Registration Scheme for Buildings" under which certificates will be issued to buildings that meet the standards, so as to encourage local buildings to implement various energy conservation measures. Up to January 2006, 580 buildings have taken part in the Registration Scheme.</p> <p>The EMSD launched a one-year competition on energy conservation performance called "Hong Kong Energy Efficiency Awards" in November 2004 in order to promote energy conservation in commercial properties and to honour and recognise the efforts and successes of local private sector organisations in energy efficiency and conservation. The competition has been</p>

		<p>completed and its results are expected to be announced in May 2006.</p> <p>To further promote the introduction of an effective mechanism to encourage commercial tenants to reduce electricity consumption in commercial properties, the EMSD plans to discuss with property management companies on the introduction of a mechanism whereby rent will be rebated to commercial tenants for reduced electricity consumption.</p>
10	<p>Actively enhance, through publicity and education, the public's knowledge and awareness of energy conservation.</p>	<p>The Government is committed to encourage the public to save energy through a wide range of promotional and education activities. For instance, starting from March 2006, we will promote the message of energy conservation through television announcements of public interest.</p>