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Miss Cindy HO
Ch Council Secy (1)1
Council Business Division 1
Legislative Council Secretariat
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong

Dear Miss HO,

**Panel on Environmental Affairs
List of follow-up actions**

At the Panel on Environmental Affairs meeting held on 30 October 2017, the Secretary for the Environment gave a briefing on the Chief Executive's 2017 Policy Address, and Members requested the Administration to provide supplementary information on the estimated percentage of different stakeholders who would participate in the development of renewable energy (including the two power companies, the Government and the public), and the relevant measures to be implemented to ensure effective contribution by the stakeholders. The relevant information is enclosed at Annex for Members' reference.

Yours sincerely,

(Paul WONG)

for Secretary for the Environment

Encl.

Annex

Based on the currently mature and commercially available technologies, the Government estimates that renewable energy (RE) potential arising from wind, solar and waste-to-energy (WTE) is about 3-4% of Hong Kong's total electricity consumed between now and 2030.

For wind energy, the potential wind farms are estimated to provide not more than 1.5% of Hong Kong's total electricity consumed, and the potential will mainly come from the power generation installations of the power companies. As for WTE, we estimate that it will meet about 1% of Hong Kong's total electricity consumed in 2024, which arises mainly from the Government's WTE facilities. For solar energy, our current estimate is that it will cater for 1% to 1.5% of Hong Kong's total electricity consumed. Such electricity will be supplied from the solar energy systems of the power companies and the Government as well as the solar power generation installations distributed across the community. Separately, the Electrical and Mechanical Services Department is conducting a study on the potential of installing PV systems in buildings in Hong Kong. The possible locational constraints will be considered when assessing the development potential. This study will help us update our assessment of the potential of solar energy development.

Power companies play an important role in promoting the development of RE. Under the post-2018 Scheme of Control Agreements (SCAs), we will implement a series of measures to further promote the development of RE, including the introduction of feed-in tariff and RE certificates schemes. In addition, we will introduce incentive schemes to encourage power companies to develop RE and facilitate development of distributed RE. The power companies will also facilitate and improve the distributed RE grid connection arrangements. We are now discussing with the power companies the details of relevant measures, including the detailed arrangements of feed-in tariff, and will announce them in the first half of 2018, with a view to launching the scheme as soon as practicable after the relevant SCAs come into effect.