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25 April 2016

Ms Sharon Chung  
Clerk to Public Works Subcommittee  
Public Works Subcommittee  
Legislative Council Complex  
1 Legislative Council Road  
Central  
(Fax: 2978 7569)

Dear Ms Chung,

**PWSC(2015-16)62**  
**45CG - District Cooling System at the Kai Tak Development**

In considering the paper on 45CG - District Cooling System at the Kai Tak Development at the Public Works Subcommittee meeting on 13 April 2016, Members requested the Administration to provide supplementary information on the objectives and evaluation methods of the projects to provide district cooling services to two primary schools in the Kai Tak development. Having consulted the Education Bureau, our response is set out below.

The Kai Tak District Cooling System will provide district cooling services to public and private non-domestic developments using central air-conditioning systems in the Kai Tak development. These developments include public development projects (e.g. government office buildings and hospitals) and private developments.

Central air-conditioning systems are normally not installed in schools as school operations are different from those of offices and public developments. However, to examine the energy efficiency benefits to schools that may be offered by a district cooling system, the two newly built schools in the Kai Tak development, namely S.K.H. Holy Cross Primary School and Po Leung Kuk Stanley Ho Sau Nan Primary School, will use district cooling services. The Education Bureau has granted the two schools special subsidies to cover the additional costs incurred from using district cooling services.

We will closely examine the district cooling services to the two schools, including conducting survey to see if school staff encounter any technical difficulties in using district cooling services or whether they have other views; recording the actual electricity consumption for the purpose of evaluating energy saving performance; reviewing the effect to the surrounding environment (such as mitigation of heat island effect due to reduced heat rejection in air); reviewing if the district cooling services can meet the operational needs of the schools while still achieving energy efficiency; and reviewing if the saving in electricity costs can compensate the extra costs incurred in adopting the district cooling system.

We will closely liaise with relevant bureaux and departments, including the Education Bureau and the Electrical and Mechanical Services Department, as well as the school sponsoring bodies regarding the above evaluation work.

Yours sincerely,



(CHENG Suen Lok)  
for Secretary for the Environment

c.c. Secretary for Education (Attn: Mrs Elina Chan)  
Secretary for Financial Services and the Treasury (Attn: Ms Jasmine Choi)  
Deputy Director of Electrical and Mechanical Services (Regulatory Services)