

## **Joint Technical Visit to “District Cooling System (DCS) Plant at Kai Tak Development”**

### **Details:**

Date : 19 October 2013 (Saturday)  
Time : 9:30am to 12:00 noon

Venue: **District Cooling System (DCS) Plant at  
Kai Tak Development**

Assembly Point: **Electrical and Mechanical  
Services Department  
Headquarters,  
3 Kai Shing Street, Kowloon,  
Hong Kong**

### **Visit Highlight:**

District cooling system (DCS) distributes cooling capacity in the form of chilled water or other medium from a central source to multiple buildings through a network of underground pipes for use in space and process cooling. Individual user purchases chilled water for their building from the district cooling system operator and do not need to install their own chiller plants. For this system, a central chiller plant, a pump house and a distribution pipeline network are required.

To further promote energy efficiency and conservation, the Government implements a district cooling system at the Kai Tak Development (KTD) to supply chilled water to buildings in the new development area for centralised air-conditioning. KTD, with a planned total of about 1.7 million square metres (m<sup>2</sup>) in public and private non-domestic air conditioned floor areas requiring about 284 megawatt (MW) cooling capacity, presents a unique opportunity for implementation of a DCS in Hong Kong.

### **Registration & Enquiry:**

This Technical Visit is a joint activity among HKIE(BSD), ASHRAE(HKC) and CIBSE(HK Branch). For registration, please register ONLINE via the website of HKIE(BSD) – <http://bs.hkie.org.hk/Home.aspx?SubMenuID=fb3bb37c-9998-4e98-9447-cf17074d9859>. The maximum number of participants is 30. The Technical Visit is free of charge and application will be accepted on a first-come-first-served basis. Vacancy will be distributed evenly among the three institutions as far as possible. Names of successful members will be informed by confirmation email or on the website of HKIE(BSD) – <http://bs.hkie.org.hk/> no later than 15 October (Tuesday).

For enquiry, please contact Mr Peter Lam at 92196323 (ASHRAE – HKC), Ir KT Cheuk at 92092155 (HKIE-BSD) or Ir Stanley Chow at 91339259 (CIBSE HK Branch).