



ASHRAE
Hong Kong Chapter



HKIE
Building Services Division



CIBSE
Hong Kong Branch

Technical Visit in “AsiaWorld-Expo”

Details

Date : 7 January 2012 (Saturday)

Venue: AsiaWorld-Expo

Time : 8:45am(Assembly) to 12:00pm

Assembly Point: Exit A of “AsiaWorld-Expo” station,
Airport Express Line

Visit Highlight:

AsiaWorld-Expo opened in December 2005 and has become one of the world-class exhibition and conference centres in Hong Kong, offering over 70,000 square meters of rentable spaces for exhibitions, conventions, concerts, sports and entertainment events. In order to fulfil various requirements and ever changing needs of clients, AsiaWorld-Expo takes a flexible approach to manage the venue and customer-make facilities for enhancing its competitive edge. Being one of the distinct features of the venue, 3 nos. of thermal ice storage tanks are incorporated into the chiller plant to cope with the dynamic need on air conditioning supply under various operation modes in different seasons. 3 nos. of the tanks with 1,719,900 Phase Change Material (PCM) “Nodules” is capable of storing a total energy of 74,860 KWhr at -5.5 deg. C. Internal size of each tank is about 468 m³. Such system is truly conducive to the reduction of peak demand charges, initial plant cost as well as the size of power network serving the chiller. Moreover other special design of applying textile air duct, air cooled evaporative chiller, unique fire engineering analysis for crowd management of mega show etc. will be introduced in the visit.

At the beginning of the visit, a technical talk will be delivered to share the valuable experience on facility management, operation and maintenance as well as energy monitoring measure for this world class exhibition venue. After the technical talk, members are invited to visit its unique exhibition venue facilities, thermal ice storage system as well as other chic and stylish banquet/conference halls.”



Registration & Enquiry:

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 deadline of application is 29 December 2011 (Wednesday). Vacancy will be distributed even among the three institutions as far as possible on first-come-first-served basis. Names of successful members will be posted on the website of HKIE(BSD) – <http://bs.hkie.org.hk/> no later than 3 January 2012 (Tuesday).

For enquiry, please contact Dr S L Wong at 9301 1077 or Ir KT Cheuk at 9209 2155.