

Energy Institute (Hong Kong Branch) 能源學會(香港分會)

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Technical Talk on District Cooling – The World’s Trend

On 16th April 2007, the Energy Institute - Hong Kong Branch joined with the Gas & Energy Division of HKIE organized a technical talk titled “District Cooling – The World’s Trend” at the HKIE HQ. Mr. Colin Chung, Chairman of the Energy Institute - Hong Kong Branch and Past Chairman of the Gas & Energy Division, HKIE, had given a presentation on the technical considerations of District Cooling System (DCS) and DCS experiences in other countries.

Mr. Chung delivered an informative and interesting talk on the design, operation and technical consideration of DCS including the heat rejection, type of DCS, chilled water distribution and pipe laying. He also highlighted the benefits of DCS and the integration of DCS plant with generation of electricity and heating. The presentation also covered some successful DCS plants operated in other countries such as USA, Europe, Japan, Middle East, Malaysia, Singapore and Mainland China. Among all these countries, USA and Japan have the most applications. Currently, Mainland China has two applications, one in Beijing and one in Guangzhou. Hong Kong Government has also carried out some studies on DCS provisions such as Kai Tak redevelopment and Wanchai-Causeway Bay.

The technical talk was successfully conducted with over 50 audiences and ended after the Question and Answer section.



Photo : Mr. Colin Chung presented a technical talk on District Cooling – The World's Trend



Photo : G&E Chairman, Dr K M Leung (L) presented a souvenir to Mr. Colin Chung (R) after the technical talk