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Energy Efficiency - Innovation, Technology & Experience Workshop

The workshop organized by Energy Institute (Hong Kong Branch), Hong Kong Association of Energy Engineers and The Association of Energy Engineers Hong Kong Chapter was

successfully held at Jockey Club Lecture Theatre of Hong Kong Institute of Vocational Education (IVE) Morrison Hill Campus on 19 November 2008.

With the support from American Society of Heating, Refrigerating and Air-conditioning

Engineers, Hong Kong Chapter and IVE Student Branch; Building Services and Gas & Energy Divisions, Hong Kong Institution of Engineers; Building Services Operation and Maintenance Executives Society; Hong Kong Institute of Vocational Education (Morrison Hill); Hong Kong Registered Ventilation Contractors Association; The Chartered Institution of Building Services Engineers, Hong Kong Branch and The Hong Kong Air Conditioning and Refrigeration Association, the workshop attracted more than 180 participants.



Following an opening address by Ir K W Ho, Director of Electrical and Mechanical Services Department (EMSD), giving the Government's policy on energy efficiency, the workshop started by Ir Martin Yip, of EMSD providing the design and operation experience about the Oil-Free Magnetic Bearing Compressors for Air-Conditioning Plants. Ir Dr Michael Leung of University of Hong Kong continued to describe the theories, technologies and the application of Solar Photocatalysis. Ir Anthony Lo of CLP then told the



audience about the New Energy Efficiency Promotion Programme initiated by CLP and providing the first hand information about this programme to the audience. After a short break, Mr Frank Leung of Coolpoint Ventilation Equipment describing the latest development of the refrigeration boilers and showing the audience a lot of real projects. Mr Tom Pak from Hydronic College of TA, indicated the importance of effective water balancing and also shared his experience how balancing can reduce tremendous energy consumption.

After the questions and answers sections chaired by Ir Ronald Chin, Chairman of HKAEE and Ir Dr Michael Leung, Chairman of Energy Institute (HK Branch) respectively and the closing remarks addressed by Ir Roger Lai, President of HKAEE, the audience moved to the playground of the campus and experienced the real operation of the refrigeration boilers, balancing kits and the mini-turbines. This workshop provided not only the latest technologies and application on the energy efficiency designs and products, but also had a chance to see and experience the real products and their applications.



Written By Colin Chung December 2008