

Technical Visit Tour on Energy Technology Development in Beijing & Neimeng

The activity was co-organized by Association of Energy Engineers Hong Kong Chapter, with the support of Asian Institute of Intelligent Buildings, Building Services Operation and Maintenance Executive Society, Energy Institute (Hong Kong Branch), The Hong Kong Air Conditioning and Refrigeration Association Ltd., and Hong Kong Registered Ventilation Contractors.



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On 11 October 2006, the delegation, consisting of 18 participants, arrived Beijing International Airport at about noon.

After a quick lunch, we met with Professor Yi Jiang, the Head of Department of Building Science and Technology, Tsinghua University and other researchers of the university. During a lengthy meeting, valuable information and knowledge was exchanged. Following the meeting, participants were guided to walk around the Energy Efficient Demo Building, where we admire the scope and the depth of researches Tsinghua has done.



In the following morning, we assembled in Tsinghua again in order to attend a session of the Sino-German Conference on Urban Sustainability: Green City Development Mechanisms. Dr Leonard Chow, Vice-Chairman of HKAEE, being invited by the conference, presented a technical paper to share with the attendees the development of energy management initiatives in Hong Kong. In the afternoon, having traveled in the coach for some 5 hours to and from Tsinghua's



experimental nuclear plant, we visited the high temperature air cooled reactor (昌平核能研究院之 10 兆瓦特高温气冷堆) using pebble bed technology.



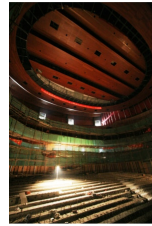
The rich and fruitful day was then ended by a dinner gathering with Ms Shicong Shu, the Secretary General of Intelligent Engineering Branch of China Exploration & Design Association, a member of the Ministry of Construction, and her colleagues.



On 13 October, the third day of our itinerary, we visited the Capital Museum and the Grand Theater (due to be opening to general public in early 2008) in the morning. Opportunity was given to walk around these 2 buildings in the front and at the back, including engineering plants such as air conditioning and electrical facilities. After lunch, we visited the Temple of Heaven (天坛). In the companion of a licensed architect assigned



by the Ministry of Construction, we enjoyed the excursion very much in a way he introduced Temple of Heaven from



the perspective of an architect. We left Beijing for Hohhot (呼和浩特) in the early evening.



Left the hotel for some 3 hours after breakfast in the 4th morning, we arrived the wind farm at 烏蘭察布集寧市, where 94 wind turbines are installed. It was told to be one of largest wind farms in



Mainland. These 94 wind turbines generate some 60 MW electricity supplying to the city and its vicinities. In addition to the chance of visiting the main control room, each of us has also been

allowed to access to the local control console that is located within the supporting pole of a 1,500 kW wind turbine, being the largest single unit installed there. The day was closed by a traditional Mongolia recipe roast whole lamb.



In the evening of the 4th day, and on the 5th day before we are taking off for returning Hong Kong, we were guided to several scenic points in Neimeng, which included 昭



君墓, 大召寺, 內蒙古博物館 and 金剛舍利寶塔.

The trip has been educative and enjoyable, and returned with knowledge, information, fun and friendship. Taking this opportunity, the Organizing Committee would like to express its sincere appreciation to Ms Shu of MOC, Dr Zhong of LOCPG, Professor Jiang of Tsinghua, all their colleagues, Chinese Nuclear Society, and all members in the Organizing Committee, without their contribution, the trip can hardly be successful.

