

**China-U.S. Energy Efficiency Steering Committee Meeting**  
**Energy Efficiency District Heating Team Report**  
**June 25, 1999**

**Achievements Since the May 1997 Steering Committee Meeting**

- A "Cooperation Agreement for the Yantai District heating Energy Conservation Demonstration Project" was signed between the district heating working group of the Sino-US energy Efficiency committee and the heating Network Department of Honeywell, in September 1997. The project to install heat meters and thermal regulating valves in Yantai apartment buildings was completed in Spring of 1998.
- In March 1998, Chinese experts of district heating working group made on-site investigation for the demonstration project and found that progress to date was satisfactory. They also hoped to carry out testing of the system in high-rising building blocks in the future.
- Summary report, including working and technical reports, completed in June 1999.

**Issues and Opportunities**

- To eliminate thermal imbalance among and within buildings.
- To compare various indoor heating supply transformation options in order to obtain optimal cost-effective measuring and charging methods.
- To understand user behavior and their reactions to measuring and charging.
- To verify implementation effect of measuring and charging in order to collect first-hand information for the eventual determination of practical charging policy.

**Next Steps**

- Hold a seminar on technical issues concerning charging for district heating to exchange and promote the application of the achievements obtained from the Yantai demonstration project in the heating supply sector in China. Participants to include officials from the relevant central governmental departments and those in charge of heating supply at the local government, management of the heating enterprises and research and design institutes. Workshop tentatively scheduled for September 1999.
- US team will seek funds for the workshop
- Conduct survey to select one or two cities for implementing district heating energy saving demonstration projects
- Research reform plan and implementation ideas on heating charging system in urban areas.  
Note: Subsequent to the meeting the Chinese team provided more information on last two items.

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**Susan Rochford, Honeywell**  
**(Peter Salmon-Cox, DOE, was the US representative at the meeting)**

