Notice on Organizing and Implementing the Heating Measurement Reform in Pilot Cities

Beijing Municipal Administration Commission, Tianjin Construction Commission, Construction Bureaus of Hebei province, Shanxi province, Inner Mongolia Autonomous Region, Liaoning province, Jilin province, Heilongjiang province, Shandong province, Henan province, Shanxi province, Gansu province, Qinghai province, Ningxia Autonomous Region, Xinjiang Autonomous Region, Construction Bureau of Xinjiang Production and Construction Corps:

In accordance with the requirement of “To deepen heating system reform, realize charging system of heating metering”, which has been proposed in "Notification of the State Council on Issuing the Working Scheme of Energy Saving and Pollution Reduction" and in order to further promote heat metering reform, The Ministry of Construction decides to carry out the heating metering reform in demonstration cities and choose the following 12 cities based on application information from provinces: it is agreed that, Beijing, Tianjin, Changchun, Dalian, Lanzhou, Hohhot, Baotou, Tangshan, Chengde, Weihai, Dezhou and Zhaoyuan, will be the first batch of pilot cities. In order to accomplish this task, the following implementation comments should be put into practice:

I. Fully understand the importance of implementing the heating metering reform in pilot cities

Since the implementation of urban heating system reform in North area of China, 11 out of the 15 provinces, autonomous regions and municipalities have already accomplished the reform of “implicit” for “explicit” heating subsidization system. At the same time. 30 cities were chosen as the heating metering pilot cities, which totally take up more than 40 million square meters, the heating metering reform has made a first step success. However, generally speaking, the progress of heat metering reform is slow and there is no obvious reduction on the energy consumption of heating system, thus we still have a long way to go as to accomplish the goals of “energy saving and green house gas reduction” in the 11th five year plan submitted by State Council. The practice has verified that implementing the heat metering renovation is the most direct and efficient measure to conformity to the energy-saving standards at the construction stage. The urban heating system reform work should focus on the heat metering reform, putting into practice the
heat metering reform in demonstration cities, gaining the experience from the pilot projects, using the advanced model as our guide to fully implement the heat metering reform project nationwide and practically accomplish the target of energy saving and green house gas reduction.

II. Guiding ideology and principle

(a) Guiding ideology. To carry out the scientific development view as tenets, to implement the energy saving and green house gas reduction project as target, focus on the implementation of energy saving in heating system and building energy efficiency, deeply put into practice the Heat Metering renovations in demonstration cities, create the energy saving mechanism of charge system in heat metering system, practically reduce the energy consumption of heating system, thus to accomplish the goals of energy saving and green house gas reduction in the 11th five year plan.

(b) The demonstration cities which carrying out the heat metering renovations should stick to the following principles:

Principle 1: stick to the principle of benefits to the energy saving and green house gas reduction

Principle2: take the lead of renovation to government buildings and large public buildings

Principle3: new buildings should implement charge system of heat metering

Principle4: take policy as guide, make full use of state reward fund to promote the heat metering renovations in existing buildings.

Principle 5: advanced technology with reasonable cost

Principle 6: Customer satisfaction first

Principle 7: Encourage energy saving and cost saving, create "win-win" situation between heating suppliers and heating users.

III. General target

(1) Practically accomplish the energy saving objectives in heating system. Create and improve heating metering charging system.

(2) Implement the heat metering renovations at a certain number of government buildings before the heating season of 2008. Accomplish the heat metering renovation project and meet the heat metering requirement on all buildings in 2009.

(3) The heat metering devices for new buildings should meet the requirement of Engineering Construction Compulsory Clause, the government should create strong and powerful supervision system to make sure that the new buildings which can not meet the requirement of Engineering Construction Compulsory Clause could not get
acceptance check and be put into operation, also, the heat supplier are not allowed to provide heating to such buildings.

(4) The energy saving and heat metering renovation projects will be implemented in the existing buildings in 2008. During the period of 11th five year plan, the big cities should accomplish 35% of the heat metering renovation objective and 25% for those medium-sized cities, 15% for those small-sized cities.

(5) Choose heat metering technologies in a scientific and reasonable way, select heating metering devices which are of advanced technology, reliable quality, convent operation system and reasonable cost.

(6) Make the proper “two-parts” heating price and heating metering charging method, actively explore the charging methods as creating individual account for heating fees and introducing the bank collecting service into this area.

(7) The heating quality and services in the demonstration cities have been improved obviously. After the implementation of heating metering system, the users involved should reduce their heating expense, thus to obtain the energy saving economic benefit.

IV. Main working contents
All pilot cities should do well in the following tasks:

(1) Strengthen the organization and the coordination work
Enhance the organization and the coordination work, set up leading group of heating measurement reform headed by leaders in charge from the local government. The relevant construction (heating) departments should take the lead in carry out specific works and relevant functional departments should also involved in this task.

(2) Investigation on current heating status and statistic on heating energy consumption

Investigation on the basic heating status: including the heat source (thermal power plant, district boiler room, geothermal, gas, electric power), transmission pipeline network, thermal station, and the indoor heat supply system.

Investigation on the basic building information: total area of city buildings, the ratio of the energy efficient buildings and so on.

Investigation on heating energy consumption: total urban heating energy consumption and the average standard of the energy consumption per square meters (fuel, electricity, water).

Investigation on heating metering status: new increasing building area which have reached the standard of heating metering system in recent three years, building areas which have realize charging system of heating measurement.
(3) Compiling heating metering plan
Departments which are in charge of urban construction should edit their heating measurement plan in the 11th five year period. The program should cover renovation plan of heating measurement to existing buildings.

(4) Formulate implementation schedule for 2008
According to the heating metering programme of the local "11th five years plan", based on the deep investigation, choose the demonstrative projects, establish the implementation plan for 2008. The first group of heat metering reform cities have to realize charging areas of heating metering in 2008 as bellow: Beijing 10 million M², Tianjin 8 million M², Changchun 2 million M², Dalian 2 million M², Hohhot 1 million M², Lanzhou 1 million M², Baotou 1 million M², Tangshan 1.1 million M², Chengde 1 million M², Weihai 1 million M², Dezhou 1 million M², Zhaoyuan 1 million M².

All of the pilot cities must finish the tasks of heating measurement renovation in existing buildings allocated by the central and provincial government by the end of 2010.

(5) Formulate and perfect accordingly the supporting policies and technological measures.

Recently, China issued the "energy saving law of PRC", the Ministry of Finnce issued the "Measures on Management of Reward Fund on Heating Measurement and Energy-saving Renovation of Existing Residential Buildings Region in North China", the Ministry of Construction issued "Construction Test and Acceptance Code for Efficiency Buildings", "Implementation Opinions on Promoting Heating Measurement and Energy Saving Renovation of Existing Buildings in North Heating Area", as well as regulations, documents, standards and laws on Heating Meters, Heating distribution and the thermostatic radiator valve. Local government should issue and formulate supporting policies and the implementation details in accordance with local situation. Thus improve specific technological requirement of design and construction, so as to work out management methods of local heating measurement instrument. Then quickly form policy supporting system and technological guarantee system of heating measurement.

(6) Make two-parts heating price program in a scientific and rational way
According to "Interim Method on Urban Heating Price Management" jointly issued by National Development & Reform Commission and Ministry of Construction, to formulate two parts charging system of heating measurement and charging management methods of heating measurement in a scientific and rational way based on sufficient investigation and calculation.
(7) Do well in technology training
To carry out staff training for people involved in the fields of design, construction, management and operation in this sector. The training content includes: relative design criteria for heat metering, construction and acceptance code, technology document, application technology, adjustment technology of heating system, application technology of installation and the calculation way of two-parts charging system as well.

(8) Do propaganda work well
To Strengthen the propaganda and guidance of the demonstrative heating metering projects. Make full use of the media to make the mass understand the importance of heating metering, strive for the support and even participation of the mass for heating metering projects.

V. To Strengthen organization & leadership, establish improved evaluation system

The ministry set up `leading group of impelling national heating measurement reform in pilot cities ’ for this purpose. The leader in charge at the minister level is appointed as the team leader. Its member department include department of urban construction, department of science and technology, department of quality and safety as well as department of standard and norms. The office of promoting heating system reform of the ministry is responsible for the specific works.

The implementation status will be listed in the evaluation scope for special testing items of national energy saving and pollution reduction programme in construction sector and the testing result will be open to public. At the same time, together with relevant units, the ministry will provide policy support to pilot cities in the fields of state reward fund on heating measurement renovation of existing buildings, loans of world bank as well as taxation reduction.

The construction department (heating in charge) at the provincial level should strength guidance to pilot cities of heating measurement reform, solve and study seriously those issues encountered in the process of promoting heating measurement reform. Significant problems should be reported to the ministry promptly.

The people’s government of pilot cities and relevant unit should take the lead in establishing leadership responsibility assessment mechanism and implement energy saving objectives and tasks of heating measurement into the work performance of management staff at all levels.