

## MISTY TODAY – CLEAR SKY TOMORROW

*Boiler Conversion in Beijing*

In order to improve air quality and to reduce environmental pollution in the city of Beijing, the capital of the People's Republic of China, the municipal government secured a loan of US\$ 167 million from the World Bank for the project of converting coal-fired boilers to natural gas boilers. In the five years from the year 2000, it was planned to replace most coal-fired boilers in Beijing with new clean energy boilers using natural gas.

For this particular loan project, the municipal government and Beijing Gas Group jointly established a new company named Beijing Shihuan-Jietian Energy Technology Development Co. Ltd. (SJET). SJET focuses on the purchase of all equipment and devices related to the boiler room by means of international competitive bidding. In September 2000, the first bid was launched.

It attracted great interest from many world famous boiler and gas equipment manufacturers who all made a bid for this project. Being well-known for their highly-accurate mechanical metering devices, the turbine gas meter was chosen as the approved meter for measuring the gas consumption of boilers. Each boiler is equipped with one turbine meter and one volume corrector. Apart from ELSTER, other international competitors took part in the bidding. In order to ensure excellent performance and a competitive price for our products, the evaluation by experts and users was very strict, but fair, and ELSTER won the tender for 30 sets of turbine meters and volume correctors. The sizes of turbine meters DN80 to DN150 include AIR high-frequency pulse generators. The high-frequency signal is converted to 4-20 mA analog output by a frequency/current converter provided by ELSTER. The volume correctors are EK-90/K.

In September 2001 we won another project to supply 199 sets of turbine meters and volume correctors.

As a successful bidder in two successive years and provider of timely delivery and perfect after-sales service, ELSTER has won high praise and trust from SJET. This has paved the road for further cooperation in the years ahead. The boiler conversion project will continue until 2005.

In the year 2008, the Olympic Games will be held in Beijing. Beijing municipal government will invest more to improve the air quality. Using clean energy, natural gas is one of the main measures to be taken. As a major provider of gas equipment in the world, ELSTER-AMCO is making its contribution to "New Beijing – preparing for the Olympics 2008".



*Turbine meters with EK-90/K.*



*Complete installation.*

FROM WANG XIAOGANG, ELSTER CHINA

wangxg@elster-amco.com.cn

*Quantometers Q for custody transfer.*

