### Conference Agenda (Day 1, April 17)

(Dual interpretation service available onsite in English & Chinese)

**Day 1, April 17, Tuesday**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
</tr>
</thead>
</table>
| AM 08:00 – 10:00 | **Opening Ceremony & Keynote Speech**  
Opening Address by the Organizer: GSL Events  
Welcome Address by the Gold Sponsor: Hydrometer  
Keynote Speech  
Increasing Heat Utility Profit Whilst Proceeding Heat Metering Reform  
XU Zhongtang, Vice Chairman China Urban Heat Supply Association  
Latest Focus of GAQC on Heat Metering Administration and Supervision  
LIU Xinmin, Deputy Director, Metrology Department, General Administration of Quality Supervision, Inspection and Quarantine of the People’s Republic of China  
Guo Weiqi, Head of Heat Supply Office of Beijing Municipal Administration Commission  
Klaus Ziegler, Chief Rep of European Commission Beijing Office |
| 10:00 - 11:30 | Delegates Visit Exhibition Hall and Interact With Exhibitors                     |
| 12:30 - 13:30 | Delegates Lunch                                                                  |
| PM 13:30 - 15:00 | **Session 1: Implementation, administration & Innovation of Heat Metering & Billing**  
The aim of heat metering by household is to bill per consumed heat. However current situation is to install meters but not for billing or install fake meters. In the key stages of heating reform, what difficulties Chinese heat utilities are facing? Are there references or resolutions on rate structuring and definition, management and innovation? Invited speakers will share their knowledge and experience related to policy implementation, pricing principle and suggestions.  
Speakers  
**Experience Summary of Heat Metering and Billing Applications in MOHURD Pilots**  
XIN Tan, Executive Director, MOHURD/World Bank/ GEF National Project Management Office of Heat Reform and Building Energy Efficiency Project  
**Proposal Supporting Heat Utility Companies Proceeding Heat Metering and Billing Reform**  
SUN Kaiyao, Advisor, Tianjin Municipal Architecture Design Institute  
**Our Project Experience In Heat Metering and Billing in Xinjiang Heat Metering Pilots**  
QI Baocai, Vice President, Xinjiang HUAYUAN Industry Group Co. Ltd |
| 15:00 – 16:00 | Coffee Break and Interact With Exhibitors                                        |
| PM 16:00 – 17:30 | **Session 2: Introducing Energy Service Into Heat Utilities – Key to successful heat metering reform**  
Energy Service is a new management and service pattern to be set up in heat supply enterprises. Invited experts will offer feasible suggestions from theory & project implementation perspectives to resolve current difficulties of heat supply enterprises.  
Speakers  
**Energy Service Introduction in Chengde Heat Supply Company**  
XIN Qiyun, General manager, Chengde Municipal Heat Supply Group Company  
**Our Experience in Introducing Energy Services in Heat Utility Companies**  
Shandong 20C Energy Service Technical Co. Ltd  
**Heat Metering in Germany– How Various Parties Work Together to Reduce CO₂ Consumption**  
Mr. Edgar vom Schloß, European Heat Metering Expert  
Panel Discussion  
Heat Utility needs a total solution - metering, billing, CRM and long term services. |
## Conference Agenda (Day 2, April 18)

### Day 2, April 18, Wednesday

**AM**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 3: Focus on innovation design and Core technology development of Heat Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 10:30</td>
<td>To design high quality heating meters needs consider many factors such as feasibility, innovativeness, low-energy-consumption, economic, secured measuring accuracy in a feasible life-cycle. This session would invite leading enterprise experts with an innovative idea to share experience &amp; intelligence in product design and application.</td>
</tr>
</tbody>
</table>
| 8:30 - 8:50 | Latest Development on Single Chip Ultrasonic Heat Metering Solutions  
Mr. Jimmy SHI, Application Engineer, Microchip Technology Inc. |
| 8:50 - 9:20 | New Resolution on High Accuracy Low Power Consumption Ultrasonic Heat Meter  
Mr. LIN Qiusheng, Technical Manager, Beijing Microseen Co. Ltd |
Dr. Gerold F. Kerkhoff, Director Sales & Marketing, Heraeus Sensor Technology GmbH |
| 9:50 – 10:20 | Another Revolution on Ultrasonic Heat Measuring Circuit  
Mr. SHI Hongwei, Application Engineer Germany ACAM GmbH |

10:20–11:00 **Coffee Break and Interact With Exhibitors**

**AM**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 4: Discussion on overall solution to Metering, Billing, AMR and Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00–12:30</td>
<td>The first step of metering reform is to install heat meters. To assist heat utility companies with overall success of heat metering reform, a total solution concept shall be offered to resolve various difficulties in heat utility companies related to metering, billing, AMR and long term services. Invited leading vendors will introduce innovated concepts; analyze all kinds of feasible technology solutions for utilities to select.</td>
</tr>
</tbody>
</table>
| 11:00–11:30 | Project Analysis of Smart Metering System Implemented in Heat Metering Application  
Mr. LI Tingpu, Market Director Hydrometer (Shandong) Metering Co. Ltd |
| 11:30–12:00 | Temperature Difference: Exact Measurement Is NOT A Simple Way  
Mr. Matthias Nau, Heat of International Sale and Application Depart, JUMO GmbH Germany |
| 12:00–12:30 | New Challenge to Chinese Heat Metering Industry, Driven By China Entirely Deploying Heat Meter Reform  
Wang Shudu, Prof. of Institute of Physics, Chinese Academy of Sciences |

12:30 - 13:30 **Delegates lunch**
### Day 2, April 18, Wednesday

<table>
<thead>
<tr>
<th><strong>PM</strong></th>
<th><strong>Session 5: Pioneering Heat Supply Utilities Sharing Experience in Heat Metering Reform</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30 - 15:00</td>
<td>Experts from Pioneering Heat Supply Utilities will share with you their rich experience, challenges or difficulties they faced during the process of pushing heat metering reform and pilot projects in the past few years, for references to their industry peers.</td>
</tr>
<tr>
<td><strong>Latest Progress in Deploying Heat Metering Reform in Tianjin</strong></td>
<td>Mr. TIAN Yuchen, Director of Planning Technology Division, Tianjin Heating Office</td>
</tr>
<tr>
<td><strong>Major Challenges of China Heat Metering and Billing Deployment in China</strong></td>
<td>Mr. XU Ou, Deputy Director, Tianjin Heat &amp; Power Supply Company</td>
</tr>
<tr>
<td><strong>Tangshan Heat Metering &amp; Billing Implementation Progress</strong></td>
<td>Mr. GUO Hua, Chief Engineer, Tangshan City Heat Supply Group Company</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PM</strong></th>
<th><strong>Coffee Break and Interact With Exhibitors</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00 – 16:00</td>
<td><strong>Session 6: Selection &amp; Criterion of Heat Metering Products in Heat Utilities</strong></td>
</tr>
<tr>
<td></td>
<td>As for heat utility companies, how to scientifically select heat metering products and which standards or criterions to follow as well as what factors such as price and quality to be considered in the selection are very important to the outcome of the future deployment. Invited experts will share their views and opinions.</td>
</tr>
<tr>
<td></td>
<td><strong>Speakers:</strong></td>
</tr>
<tr>
<td></td>
<td>Mr. YUAN Jun, Deputy general manager of Urumchi City Heat Supply Group Company</td>
</tr>
<tr>
<td></td>
<td>Tianjin TADA Jinlian Heat – Power Supply Company</td>
</tr>
<tr>
<td></td>
<td>Mr. ZHANG Liqian, Head of Flow Metering, Beijing Municipal Metrology Institute</td>
</tr>
</tbody>
</table>

| 16:00 – 17:40 | **Topics to be discussed:** |
| | 1. How to scientifically purchase heat metering products? |
| | 2. What factors are important to be considered in heat metering product purchase? |
| | 3. Which technology do you think are suitable for massive deployment in the future? Why? |
| | **Panelists:** |
| | Mdm. LIU Rong, Chief engineer, Beijing Heat Supply Group |
| | Mr. GUAN Jun, Chief Engineer, Qingdao City Heat and Power Supply Group Company |
| | Mdm. WANG Chi, Director of Heat Engineering Institute, China Metrology Science Institute |
| | Mr. LIU Wei, Deputy Chief Engineer, Tianjin Municipal Metrology Institute |
### Conference Agenda (Day 3, April 19, 2012)

#### AM Session 7: Outlook and Trend of Heat Metering Reform and Industry Development

**09:00 – 10:30**

It's far to enough only rely on Government policy and measures to gain reform success but how to motivate the initiatives of heat-supply companies and make Heat Metering Reform a people-benefited project become the main concern of industry people. Well-known experts are invited to speak and explain about the foreseeable market development and how to make trade in the carbon market for the heat utilities.

- **Heat Meter Design Securing Long Lifetime**
  - Mikael Hansen, General Sales Manager Asia, Heat Meter Division, Kamstrup, Singapore

- **Outlook and Trend of Heat Metering Market in Northern Europe**
  - Mr. Simon Siggelsten, Researcher, Malmö University, Sweden

- **Heat Utilities Potentially Develop Carbon Trade Business – Procedures and Profits**
  - Mr. DING Yu, Market Development Manager, Tianjin Emission Right Exchange Institute

**10:30 – 11:00**

**Coffee Break and Interact With Exhibitors**

#### AM Session 8: Internet of Things, IT Technologies Bring Impacts & Opportunities to Heat Industry Reform and Heat Metering Industry

**11:00 – 12:30**

Development of internet of things and IT technologies has brought big influences in our daily life, and exert a long & deep effect for Heat Metering Reform. Well-known scholars and experts are invited to offer you insights and forecasts what impact that internet of things and IT technology will bring to the future heat metering reform, which will enlighten your mind for future work.

- **Reach Common Recognition Among Various Parties Being The Key to Heat Metering Success**
  - Mr. LI Deying, Director, Environment & Energy Engineering, Beijing Architecture Engineering Institute

- **Energy Saving Related to The Introduction of Metering**
  - Mr. Mikael Jakobsson, Chairman of Danish Board of District Heating China (DBDH China)

- **IT Application in Heat Utility and Heat Metering Fields**
  - Mr. Lian Zhong, Professor, Concordia University – Montreal, Canada

**Panel Discussion:**

Energy Saving, Heating Reform and Heat Metering, Billing and Energy Service

**12:30**

**Conference summary and closing announcement**

**12:30 - 13:30**

**Delegates lunch**

#### PM Group Tour to Beijing Heat Supply Group

**14:00 - 18:00**

*(due to limited seats available, separate registration is requested)*

- **Time:** 14:00 18:00pm, April 19, 2012
- **Venue:** Beijing Heat Supply Group

**Agenda**

1. Meeting with leaders and experts from Beijing Heat Supply Group
2. Visit to their customer service center
3. Visit to their dispatching center

(The organizer reserves the rights to alter, adjust and update the details of the program, please refer to the final program onsite.)