

Buildings & Appliances Track/Codes & Standards Track

Technical Breakout Session 1

Codes, Standards and Labeling in Buildings and Appliances

(Whitecotton Room)

Chinese Moderator/Discussion Leader:

Liu Xinmin, Deputy Director General, AQSIQ

U.S. Moderator/Discussion Leader:

Joe Huang, President, White Box Technologies

1:15-2:15 pm

Each speaker: 10 minute presentation + 10 minute question/answer & discussion

- *Building Energy-Efficiency Evaluation and Labeling Technologies in China*
Cao Yong, Deputy Director, Institute of Building Environment and Energy Efficiency, China Academy of Building Research
- *Establishment, Implementation, and Enforcement of Building Codes and Standards*
Nanette Lockwood, Global Director Government Affairs, Solutia Inc.
- *Energy Efficiency Standards, Labeling and Certificate: Regional Harmonization and Mutual Recognition*
Li Tienan, Director, Center for Industrial Energy Efficiency

2:30-3:30 pm

Each speaker: 10 minute presentation + 10 minute question/answer and discussion

- *International Cooperation on Advancing Equipment and Appliance Efficiency*
Graham Pugh, Team Lead, International Climate Activities, U.S. Department of Energy
- *Energy Efficiency Labeling System & Its Development in China*
Cheng Jianhong, Program Officer, China National Institute of Standardization
- *Certification, Testing, and Labeling of Appliances/Consumer Goods*
Robert Van Buskirk, Staff Scientist, Lawrence Berkeley National Laboratory

Industry Track

Technical Breakout Session 1
Demand-Side Management & Integration Issues
(Crystal Ballroom)

Chinese Moderator/Discussion Leader:

**Wang Wenyuan, Division Director, Department of Energy Conservation and Resource Utilization,
Ministry of Industry and Information Technology**

U.S. Moderator/Discussion Leader:

Bo Shen, Principal Engineering Associate, Lawrence Berkeley National Laboratory

1:15-2:15 pm

Each speaker: 10 minute presentation + 10 minute question/answer & discussion

- *Energy Efficiency Policies in Industry*
Wang Wenyuan, Division Director, Department of Energy Conservation and Resource Utilization, Ministry of Industry and Information Technology
- *Industrial Distributed Energy: Combined Heat and Power*
Richard Sweetser, Senior Advisor, EXERGY Partners Corp.
- *Data Center Energy Saving*
Hu Jingyi, Deputy Director, China Electronics Standardization Institute, Ministry of Industry and Information Technology

2:30-3:30 pm

Each speaker: 10 minute presentation + 10 minute question/answer and discussion

- *Saving Energy in Data Centers: Applying Best Practices*
Dale Sartor, Building Technology Applications Team Leader, Lawrence Berkeley National Laboratory
- *Project Practice and Case Analysis of Industrial Energy Efficiency Improvement in China*
Chen Kan, Department Head, CECEP Environmental Protection Technology Investment Co., Ltd.
- *U.S. Industrial Energy Efficiency Programs*
Jim Quinn, Senior Advisor, U.S. Department of Energy

Financing & ESCOs Track
Technical Breakout Session 1
(Boiler Room)

Chinese Moderator/Discussion Leader:

Wang Jingbo, Deputy Division Director, Department of Resource Conservation and Environmental Protection, National Development and Reform Commission

U.S. Moderator/Discussion Leader:

Merrian Fuller, Principal Research Associate, Lawrence Berkeley National Laboratory

1:15-2:15 pm

Each speaker: 15 minute presentation overview of ESCOs in respective country

- *China's Industrial Policies for ESCOs*
Wang Jingbo, Deputy Division Director, Department of Resource Conservation and Environmental Protection, NDRC
- *U.S. Energy Service Company (ESCO) Industry and Market Trends*
Chuck Goldman, Group Leader/Staff Scientist, Lawrence Berkeley National Laboratory
- *Development of ESCOs in China*
Zhao Ming, Deputy Director, ESCO Committee of China Energy Conservation Assn.
- *U.S. Energy Service Company Industry: History and Business Models*
Don Gilligan, President, National Association of ESCOs

2:30-3:30 pm

Each speaker: 10 minute presentation on financing energy projects + 5 minute question/answer and discussion

- *ESCOs' Financing in China*
Kang Jianzhong, General Manager, Beijing Bluestar Energy Conservation Investment Co., Ltd. (TBC)
- *Energy Efficiency Financing*
Cisco Devries, President, Renewable Funding LLC
- *Research of the Energy Saving Technologies Promotion System*
Xu Shaoshan, Deputy Division Director, China Quality Certification Center
- *Subnational/State Financing Programs*
Tom Peterson, CEO and President, Center for Climate Strategies

Buildings & Appliances Track
Technical Breakout Session 2
Emerging Technologies & Policies in Buildings
(Whitecotton Room)

Chinese Moderator/Discussion Leader:

Wang Youlan, Division Director, Department of Building Energy & Science Technology, MOHURD

U.S. Moderator/Discussion Leader:

Mark Levine, Senior Scientist, Lawrence Berkeley National Laboratory

3:30-4:30 pm

Each speaker: 10 minute presentation + 10 minute question/answer & discussion

- *Practice and Exploration of Low-carbon Buildings*
Shen Jian, Vice President, CECEP Industry Development Co., Ltd.
- *Realizing Building End-Use Efficiency with Emerging Technologies*
Jonathan Livingston, Livingston Energy Innovations, LLC
- *The Application and Development of Renewable Energy Buildings in Shandong Province*
Cao Yongmin, Director, Shandong Provincial Academy of Building Research

4:45-5:45 pm

Each speaker: 10 minute presentation + 10 minute question/answer and discussion

- *The Role of Daylight in Achieving Ultra-Low Energy Buildings*
Neall Digert, Vice President – International Market Development, Solatube International, Inc.
- *The Practice and Thinking of Building Energy Efficiency Evaluation & Labeling in Shanghai*
Ye Qian, General Manager, Shanghai Research Institute of Building Sciences Group Co., Ltd. (SRIBS)
- *Best Practices: Policies for Building Efficiency and Emerging Technologies*
Rich Karney, Senior Technical Advisor, U.S. Department of Energy

Industry Track/Codes & Standards Track
Technical Breakout Session 2
Tools, Assessments & Performance Standards in Industry
(Crystal Ballroom)

U.S. Moderator/Discussion Leader:

Michaela Martin, Program Manager, Oak Ridge National Laboratory

Chinese Moderator/Discussion Leader:

Liu Xinmin, Deputy Director General, AQSIQ

3:30-4:30 pm

Each speaker: 10 minute presentation + 5 minute question/answer & discussion

- *Introduction of the Energy Management System Pilot Project in Non-Ferrous Metal Industry*
Chen Wei, Deputy Director, China Quality Certification Center
- *International Cooperation on Advancing Efficiency in Industry*
Graham Pugh, Team Lead, International Climate Activities, U.S. Department of Energy
- *The Building of Energy Management System in Enterprises*
Li Tienan, Director, Center for Industrial Energy Efficiency
- *Energy Management Standards & Implementation*
Jim Quinn, Senior Advisor, U.S. Department of Energy

4:45-5:45 pm

Each speaker: 10 minute presentation + 5 minute question/answer and discussion

- *Progress and Effect of Energy-Saving Standards in China*
Chen Haihong, Program Officer, China National Institute of Standardization
- *Industrial Energy Efficiency Assessments*
Lynn Price, Staff Scientist, Lawrence Berkeley National Laboratory
- *University Alliance for Industrial Energy Efficiency*
Zhang XinXin, Vice Principal, University of Science and Technology Beijing
- *University Alliance for Industrial Energy Efficiency and Industrial Assessment Centers*
Michael Muller, Mechanical Engineer, Rutgers University

Financing & ESCOs Track
Technical Breakout Session 2
(Boiler Room)

Chinese Moderator/Discussion Leader:

Wang Jingbo, Deputy Division Director, Department of Resource Conservation and Environmental Protection, National Development Reform Commission

U.S. Moderator/Discussion Leader:

Chuck Goldman, Group Leader/Staff Scientist, Lawrence Berkeley National Laboratory

3:30-4:30 pm

Each speaker: 10 minute presentation on business models for securing financing for energy efficiency improvements + 5 minute question/answer and discussion

- *Business Operation of ESCOs*
Zhu Tong, General Manager, CECEP LiuHe Talroad Environmental Technology Co., Ltd.
- *Energy Efficiency and On-Bill Financing for Small Businesses and Residential*
Dennis O'Connor, Small Business Administrator, United Illuminating
- **Li Laisuo, Chairman, Nanjing Shengnuo Heatpipe Co., Ltd**
- *On Bill Financing: SDG&E / SoCalGas*
Frank Spasaro, Manager of Energy Efficiency Partnerships, Sempra Utilities

4:45-5:45 pm

Panel discussion led by moderator

- **Zhao Ming, Deputy Director, ESCO Committee of China Energy Conservation Association**
- **Don Gilligan, President, National Association of ESCOs**
- **Zhu Tong, General Manager, CECEP LiuHe Talroad Environmental Technology Co., Ltd.**
- **Peter Larsen, Senior Scientific Research Associate, Lawrence Berkeley National Laboratory**
- **Zhang Xinyu, Manager, Beijing IN-Power Electric Co., Ltd**
- **Craig Isakow, Program Director, Johnson Controls**