



Shanghai Forum 2017 Perspective Highlights

Green & Development ——The Mission of Energy Internet

SHANGHAI FORUM 2017 ROUNDTABLES 06 Session One

14:15-15:30, May 27

Chair: Li Yanling Shanghai University of Electric Power

Moderator: Gu Chunhua University of Shanghai for Science and Technology

Li Junfeng

**National Center
for Climate**

**Change Strategy
and International
Cooperation**

Energy Transitions in the Internet Era

Energy transition is driven by the development of transformation. Changes in the development of spirit and ideas leads to changes in the development model; innovation of science and technology is helpful to the energy transition; changes in business philosophy leads the transitions of development model; cultural and artistic products become a new impetus of changes in the growth mode. Energy transition also needs to keep up with the changing situation.

Wu Libo

**Center for Energy
Economics and
Strategy Studies,
Fudan University**

The Application of Big Data of Electric Power

1.The data is the core of Energy Internet. Energy Internet technology cannot be achieved without data. Big data analysis is the core of Internet + energy.
2.We have done some basic work and would like to share with you, including application of demand side power big data analysis, powerful data storage analysis architecture and visualization, analysis of industry electricity data and analysis of residential electricity data.
3.We proposed the protection mechanism and policy proposals of energy data's application.

Wang Jianhui

**Electric Power
System Group,
Argonne National
Laboratory**

Grid Modernization Research in the U.S

In general there are many opportunities and a lot of challenges for the development of the US power system.The implementation of smart grid with large-scale expansion brings a lot of opportunities to the power system. There are many challenges to the operation and planning of power systems. In response to these challenges United States has done a lot of work.

(Editor: Di Chao)

