

ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

In collaboration with  
CHINA EURASIA EXPO, and  
MINISTRY OF SCIENCE AND TECHNOLOGY  
Urumqi, China  
3-5 September 2013

**Expert Group Meeting on  
Conceptualizing the Asian Energy Highway (AEH)**

**Programme**

**3 September 2013 (Tuesday)**

0900-1000 hours

Registration

1000-1030 hours

**Opening of the EGM**

Opening statement/remarks by:

Mr. Kohji Iwakami on behalf of Mr. Rae Kwon Chung, Director,  
Environment and Development Division, United Nations Economic  
and Social Commission for Asia and the Pacific

Mr. Zheng Fangneng, Director, Energy Division, Ministry of  
Science and Technology, China

Mr. Tian Min, Reform and Development Commission of Xinjiang  
Uygur Autonomous Region

Mr. Adejiang Dawuti, Deputy Director-General, Xinjiang  
International Expo Administration

1030-1145 hours     Session 1

**Introduction to the EGM and Asian Energy Highway**

1. EGM background, objectives, introduction of participants: Mr.  
Kohji Iwakami, ESCAP

2. Positioning the Asian Energy Highway as infrastructure for  
sustainable development: Mr. Derek Atkinson, ESCAP

Q&A (preliminary discussion on the AEH concept)

1145-1200 hours

*Coffee break*

1200-1330     Session 2

**Conceptual Feasibility: Benefits and challenges**

Moderators: Ms. Sungmin Patricia Kim and Mr. Kornphat Srisuping

1. Socioeconomic and environmental implications: Mr. Eric Kemp-  
Benedict, Centre Director, Stockholm Environment Institute

		2. Integrating renewable energy sources: Professor Xu Honghua, Chinese Academy of Sciences
		Q&A
1330-1430 hours		<i>Lunch</i>
1430-1630 hours	<u>Session 2</u> (cont'd)	<p>Moderators: Mr. Kohji Iwakami and Mr. Jinsoo Song</p> <p>3. Smart grids and power trade: Mr. Cheng Lu, Senior Engineer, State Grid Corporation of China</p> <p>4. Global perspectives and latest R&amp;D: Dr. Qianjin Liu, Director, ABB Corporate Research Center – China</p> <p>5. Development and Cooperation of China Power Transmission and Transformation Technology: Mr. Huang Xinnan, Deputy Chief Engineer, TBEA (Xingjiang) 新疆特变电工</p> <p>Q&amp; A</p>
1630-1645 hours		<i>Coffee break</i>
1645-1745 hours	<u>Session 2</u> (cont'd)	<p>Moderators: Mr. Derek Atkinson and Mr. Shigeru Yamamura</p> <p>Discussion</p> <p><i>Overall session 2 discussion questions:</i></p> <ul style="list-style-type: none"> <li>▪ How can the Asian Energy Highway be developed as infrastructure for sustainable development?</li> <li>▪ What are the criteria to discuss the feasibility of establishing a transboundary electricity market and grid?</li> <li>▪ What are the advantages and disadvantages of such a concept?</li> <li>▪ What are the driving forces to promote such a concept and to make it operational?</li> <li>▪ What, if any, technological issues remain?</li> </ul>
1745-1815 hours		Wrap-up of the day by Mr. Kohji Iwakami, ESCAP and briefing to the field visit on 5 September to TBEA
1900-2000 hours		<i>Dinner</i>

## 4 September 2013 (Wednesday)

1000-1145 hours    Session 3

### **Market Development: Lessons learned from existing initiatives**

Moderators: Mr. Derek Atkinson and Dr. Qianjin Liu

1. North-East Asian Super Grid in Gobi Desert: Mr. Jinsoo Song, Senior Research Fellow, Korea Institute of Energy Research
2. ASEAN Power Grid: Mr. Kornphat Srisuping, HAPUA Working Group II – APG/Transmission, & Assistant Governor – Planning, Electricity Generating Authority of Thailand
3. Greater Mekong Subregion (GMS) Power Market and Interconnections in China and Mongolia: Mr. Shigeru Yamamura, Energy Specialist, Energy Division, East Asia Department, Asian Development Bank

Q&A

1145-1200 hours

*Coffee break*

1200-1330 hours

Moderators: Ms. Sungmin Patricia Kim and Mr. Eric Kemp-Benedict

4. World Bank's experience on inter-country connectivity: CASA1000: Mr. Sunil Kumar Khosla, Lead Energy Specialist, Central Asia Energy Program Team Leader (Skype and Q&A, New Delhi time zone - 2.5hrs behind Urumqi)
5. SAARC Energy Ring & Market for Electricity: Mr. Hilal A. Raza, Director, SAARC Energy Centre (Skype and Q&A, Islamabad time zone - 3hrs behind Urumqi)

Discussion (preliminary)

1330-1430 hours

*Lunch*

1430-1530 hours

Discussion

*Overall session 3 discussion questions:*

- How can the Asia-Pacific region develop a common power market?
- What are driving these projects?
- What are the common challenges from these initiatives and how are they being addressed?
- What are the lessons learned that should be applied in developing the concept of AEH?
- How can the AEH concept build on these existing initiatives, what could be the governance arrangements?

1530-1545 hours

*Coffee break*

1545-1800 hours Session 4

### **Intergovernmental Framework: Key considerations**

Moderator: Mr. Kohji Iwakami and Mr. Hilal A. Raza

Brief summary by ESCAP of possible strategies for moving forward with the Asian Energy Highway concept

1. Institutional and technical aspects: Mr. Mihai Paun, Network Development Advisor, ENTSO-E (Skype and Q&A, Brussels time zone - 6hrs behind Urumqi)

2. Regulatory and political aspects: Mr. Zafar Samadov, Senior Expert, Investment, Energy Charter Secretariat (Skype and Q&A, Brussels time zone - 6hrs behind Urumqi)

Discussion

*Overall session 4 discussion questions:*

- What are the key considerations in an intergovernmental framework?
- What kind of institutional arrangements are needed to support and strengthen a region-wide governance structure?
- What are the steps in the harmonization of standards and regulations?
- How will the cost be shared?
- What are the political issues that could hinder development?
- What are the options in terms of moving forward; what pathways are good choices and why?

1800-1815 hours

**Closing of the EGM – Mr. Kohji Iwakami**

1900-2000 hours

*Dinner*

**5 September 2013 (Thursday)**

**预览已结束，完整报告链接和二维码如下：**

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_6834](https://www.yunbaogao.cn/report/index/report?reportId=5_6834)

