

ASIA PACIFIC ECONOMIC COOPERATION (APEC)
**NEW AND RENEWABLE ENERGY TECHNOLOGIES
 EXPERT GROUP (EGNRET) MEETING**

THIRTY-NINTH MEETING

Shanghai, China
 11 - 14 December, 2012

Tuesday, 11 December, 2012

EGNRET 39

Venue: Shanghai Minya Hotel

08:30-09:00	Registration	
09:00-09:05	Official Welcome	China
09:05-09:10	Introduction and Adoption of Agenda	Chair
09:10-09:50	Overview of Renewable Energy in China	China
09:50-10:30	Recent APEC Activities	Chair
10:30-11:00	Coffee Break	
11:00-11:15	Invited Presentation: Peer Review on Low-Carbon Energy Supply (PRLCE)	APERC
11:15-11:30	Invited Presentation: Projection of Renewable Energy Supply in the APEC Region	APERC
11:30-12:00	Invited Presentation: Overview of Low-Carbon Model Town (LCMT) Task Force Activities (<i>TBC</i>)	LCMT TF
12:00-13:40	Lunch	
13:40-15:00	Member Economy Presentations: Applying Distributed Energy in APEC Member Economies (<i>Meeting Theme TBC</i>)	
15:00-15:30	Coffee Break	
15:30-17:10	Member Economy Presentations (cont'd)	

Wednesday, 12 December, 2012

EGNRET 39

Venue: Shanghai Minya Hotel

09:00-09:30	Invited Presentation: International Copper Association	ICA
09:30-10:00	Invited Presentation: Building IRENA Networks of Experts to Accelerate RE Market Deployment	IRENA
10:00-10:30	Discussion: Collaboration with Other Fora	Chair
10:30-11:00	Coffee Break	
11:00-11:40	Progress/Status of Current EGNRET Projects	Secretariat
	<ol style="list-style-type: none"> 1. <i>Addressing Challenges of AMI Deployment in APEC (EWG 07/2011A) (Chinese Taipei)</i> 2. <i>Stock-take of Electric Vehicle Interface with Electricity and Smart Grids Across APEC Economies and the Potential for Harmonization (EWG 11/2011) (New Zealand)</i> 3. <i>Piloting Smart/micro Grid Projects for Insular and Remote Localities in APEC Economies (S EWG 15 11A) (Russia)</i> 4. <i>Prospects for Marine Current Energy Generation in APEC Region (S EWG 23 11A) (Russia)</i> 5. <i>Best Practices in Energy Efficiency and Renewable Energy Technologies in the Industrial Sector in APEC Region (S EWG 19 11A) (Cooperated with EGEE&C) (Thailand)</i> 6. <i>Urban Development Smart Grid Roadmap: Christchurch Recovery Project (EWG 08 2012) (Cooperated with EGEE&C) (New Zealand)</i> 7. <i>Research on the Application of Physical Energy Storage Technology to Enhance the Deployment of Renewable Energy in an APEC Low Carbon Town (EWG 16 2012A) (China)</i> 8. <i>The Comprehensive Analysis and Research of Key Technologies and Commercial Model of Low Carbon Model Town Applied in Yujiapu CBD (EWG 11/2012A) (China)</i> 	
11:40-12:00	Progress with APEC Energy Smart Communities Initiative (ESCI) and APEC Smart Grids Initiative (ASGI)	USA
12:00-13:30	Lunch	

13:30-13:50	Notes on APEC Project Submission Process	Secretariat
13:50-14:20	Development of Project Proposal for Session 1, 2013 Funding	Chair
14:20-14:30	Elections for Positions of Chair and Vice-Chair (2013-2014)	Chair
14:30-15:00	EGNRET Administration & Operations - Review of EGNRET Terms of Reference - Next Expert Group Meeting - Other Business	Chair
15:00	Adjourn (Coffee served after meeting)	Chair

APEC Distributed Energy Forum

Wednesday, 12 December, 2012 APEC Distributed Energy Forum Venue: Shanghai Minya Hotel	
Afternoon	Registration
Evening	Welcome Reception (<i>Time and Venue TBA</i>) (<i>Invited only</i>)

Thursday, 13 December, 2012 APEC Distributed Energy Forum Venue: Shanghai Minya Hotel Facilitator : Dr Xu Qin-hua, Project Overseer, Executive Director of Centre for International Energy and Environment Strategies Studies, Renmin University of China	
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Opening Ceremony		
09:00-09:30	Welcome Address	Government Official of Shanghai Municipal Government
	Opening Address by Organizers	Representative of Renmin University of China
	Keynote Speeches by Supporting Organizations	1. Chair of APEC Expert Group of New and Renewable Energy Technologies (EGNRET) 2. Ir Victor Cheung, Vice President of the Hong Kong Institution of Engineers 3. Jianping Fang, CEO of Shanghai Aerospace Energy Co., Ltd.
	Presentation of Souvenirs to Officiating Guests	1. Representative of Shanghai Municipality 2. APEC Officiating Guest 3. Vice President of the Hong Kong Institution of Engineers 4. CEO of Shanghai Aerospace Energy Co., Ltd.

	Presentation of Souvenirs to Supporters	CIEESS to Supporters
	Group Photo	Officiating Guests, Supporting Organizers, Sponsors and Speakers
Theme One Distributed Energy Policy in APEC		
09:30 - 10:30 Keynote Speech (15 min each)	Resolution of China Policy in Promoting Distributed Energy	Mr. Li Junfeng Director in General, the National Response to the Climate Change Strategy Research Center and the International Cooperation Center, Development and Reform Commission; President, China Renewable Energy Society
	Promoting Distributed Renewable Energy in APEC	Dr. Tom Lee Chair, APEC EGNRET
	Distributed Energy Development Policies and Prospects in USA	Dr. Cary Bloyd PNNL, US
	Applying Distributed Renewable Energy in a Low Carbon Island: Peng Hu, Chinese Taipei	Dr. Chung-Hsien Chen Bureau of Energy, Chinese Taipei
	Distributed Energy Development Policies and Prospects in New Zealand	Mr. Shaun Bowler Energy Efficiency and Conservation Authority (EECA), New Zealand
10:30-11:00	Tea Break	
Theme Two Natural Gas Distributed Energy Development in China		
11:00-12:00 Keynote Speech (15 min each)	Prospects for the Development of Natural Gas in China	Mr. Che Changbo Deputy Director in General of the Ministry of Land and Resource, oil and Gas Strategy Center; Deputy Director in General of Department of Exploration of Ministry of Land and Resource

	Natural Gas Distributed Energy in China	Mr. Xu Xiaodong Director of Distributed Energy Professional Committee of China Gas Association
	Natural Gas Distributed Energy Practice and Strategic Thinking of Development	Professor Liu Huiping Deputy Director of Energy & Transportation Research Institute, Shanghai Academy of Development & Reform
	Distributed Energy Development in Chongqing City of China	Mr. Wang Ping Deputy Director in General of Chongqing National Development and Reform Commission
12:00-14:30	Lunch Break	
Theme Three		
New Vision and Practices for Low Carbon Development		
14:30-15:30 Keynote Speech (20 min each)	Low Carbon Campus Building - A Case Study of Renmin University of China	Prof. Cheng Tian Quan President of the Institution of Voluntary Emission Reduction
	Demand Side Strategies for Optimal Energy Performance	Mr. Xuchao Wu Senior Manager of Energy and Sustainability Services, Jones Lang LaSalle
	The Combined Cooling Heating and Power (CCHP) System Used in Energy Building with Operating Optimization	Professor Xingmei Zhang Deputy Director of the Shanghai Aerospace Energy Joint Research Lab; Professor, Harbin Institute of Technology
15:30-16:00	Tea Break	
16:00-16:20	Sustainable Cogeneration for Food Manufacturing Industry	Dr. Prasit Pornsaksit Managing Director of MSM Power Systems Co., Ltd., Thailand
16:20-16:40	Implementation of Distributed Energy Systems in USA, UK and Australia	Mr. Tony Blaubaum General Manager of Cummins Power Generation, Australia

16:40-17:00	International Energy Cooperation in APEC Region	Mr. Gu Jun Deputy Director in General of International Cooperation Department, National Energy Administration of China
17:00-17:15	Presentation of Souvenirs to Organizers	Renmin University of China and other Organizers
17:15-18:00	Break	
18:00-19:30	Conference and Forum Dinner (<i>Venue TBA</i>)	

Friday, 14 December, 2012 Technical Visit for Distributed Energy Venue: Shanghai and Suzhou		
08:30-09:30	Departure from Hotel	
09:30-10:00	Shenergy Company CCHP Project	Guided Tour: Shanghai Aerospace Energy Co., Ltd.
10:00-11:30	Shanghai Hongqiao Airport DCHP Project	Guided Tour: The Jardine Engineering Co., Ltd.
12:00-13:30	Lunch	Shanghai Merrylin Hotels (Wuzhong Road)
15:00-17:30	Suzhou Campus of Remin University of China	Guided Tour: Renmin University of China
19:30	Arrival in the hotel	