

APEC Workshop on Small Hydro and Renewable Grid Integration

Ha Noi, Viet Nam

April 3-5, 2013

Tentative Agenda

Meeting Venue: Prestige Hotel, 17 Pham Dinh Ho, Ha Noi

April 3, 2013

13:30-14:00 Registration

Session 1: Plenary session

Chair: Mr. Le Tuan Phong,
Deputy Director General of General Directorate of Energy, Viet Nam

14:00-14:15 Official Welcome
Mr. Le Tuan Phong
Deputy Director General of General Directorate of Energy, Viet Nam

14:15-14:30 Workshop overview and expected outcomes
Mr. Pham Thanh Tung, Project Overseer (PO)
General Directorate of Energy, Viet Nam

14:30-14:50 Overview of EGNRET projects
Dr. Tom Lee
Industrial Technology Research Institute, Chinese Taipei, and Chair
APEC Expert Group on New and Renewable Energy Technologies

14:50-15:10 Current status and future plans on renewable energy electricity sources in Viet Nam
Mr. Nguyen Duc Cuong, Institute of Energy

15:10-15:30 Small hydro as part of a clean energy portfolio
Mr. Jeff Skeer
Senior Program Manager
International Renewable Energy Agency
Abu Dhabi, United Arab Emirates

15:30-16:00 Break

- 16:00-16:20 Renewable energy electricity generation outlook in the APEC region and related issues on Viet Nam
Dr. Tran Thanh Lien, Team Leader, Asia Pacific Energy Research Centre (APEREC)
- 16:20-16:40 Small hydro and smart grid integration
Mr. Dan Ton
Program Manager, Smart Grid Research & Development
Office of Electricity Delivery and Energy Reliability
U.S. Department of Energy
- 16:40-17:00 Current problems faced in Viet Nam associated with the integration of small hydro into electric grid Viet Nam
Mr. Trinh Quoc Vu, ERAV

April 4, 2013

Session 2: Current status and development plan for grid small hydro power in APEC Economies - *Identify potential, barriers and measures to overcome barriers in the future*

Chair: Dr. Cary Bloyd
Senior Staff Scientist
Pacific Northwest National Laboratory
USA

- 09:20-09:40 Viet Nam
Mr. Duong Manh Cuong
Expert of Planning Dept. GDE
- 09:40-10:00 Malaysia
Ms. Nurhafiza bt Mohamed Hasan
Head, Licencing Unit, Energy Commission Malaysia
- 10:00-10:20 Philippines
Mr. Winifredo W. Malabanan
Director of Renewable Energy Management Bureau, Department of Energy
- 10:20-10:50 Break
- 10:50-11:10 Indonesia
Mr. Rida Mulyana,
Director General of New Renewable Energy and Energy Conservation,
Ministry of Energy and Mineral Resources

11:10-11:30 Thailand
Ms. Krittiya Petsee
Plan and Policy Analyst, Work Plan Devision
Department of Alternative Energy Development and Efficiency (DEDE)

11:30-14:00 Lunch

Session 3: Issues on grid integration of small scale RE electricity APEC Economies - *Electric Utilities Perspective*

Chair: Dr. Tom Lee
Division Director
Industrial Technology Research Institute, Chinese Taipei
Chair, APEC Expert Group on New and Renewable Energy Technologies

14:00-14:20 Viet Nam
Dr. Tran Nam Trung, Technical and Productional Dept.
Electricity of Viet Nam

14:20-14:40 USA
Mr. Do Thien-Khoi
Global Government Affairs Manager - Product Safety UL LLC, USA

14:40-15:00 Malaysia
Mr. Saharuddin Sulaiman
Principal Engineer,
Asset Management Department,
Distribution Division, Tenaga Nasional Berhad,

15:00-15:30 Break

15:30-15:50 Indonesia
Mr. Suroso Isnandar
System Planning Engineer
Division of System Planning, PT PLN (Persero)

15:50-16:10 Thailand
Dr. Worajit Setthapun
Chiang Mai Rajabhat University

April 5, 2013

**Session 3: Issues on grid integration of small scale RE electricity APEC
Economies - Electric Utilities Perspective (*cont'd*)**

Chair: Mr. Nguyen Ninh Hai
Deputy Director
New and Renewable Energy Department
General of General Directorate of Energy, Viet Nam

09:20-09:40 China
Mr. Wan Lin, Director
Beijing Energy Innovation Ltd., China

09:40-10:00 USA
Mr. Dan Ton
Program Manager, Smart Grid Research & Development
Office of Electricity Delivery and Energy Reliability
U.S. Department of Energy

10:00-10:20 Chinese Taipei
Dr. Bing-Chwen Yang
Division Director
Green Energy and Environment Laboratories
Industrial Technology Research Institute, Chinese Taipei

10:20-10:40 Break

**Session 4: Roundtables on the development of a road map for small hydro
Integration**

Chair: Dr. Cary Bloyd
Senior Staff Scientist
Pacific Northwest National Laboratory
USA

10:40-11:20 All participants

11:20-11:30 Closing remark by Pham Thanh Tung, Project Overseer

11:30-13:30 Break

13:30-19:00 Technical site visit