

APEC Workshop on Recent Advances in Utility Based Financial Mechanisms that Support Renewable Energy and Energy Efficiency

**Honolulu, Hawaii
Sheraton Waikiki Hotel
March 30-April 1, 2009**

March 30, 2009

- 8:30 Registration
- 9:00-9:30 Official Welcome
The Honorable Hermina Morita
Hawaii House of Representatives
- 9:30-10:30 Workshop overview and introduction to utility based financial mechanisms that support renewable energy and energy efficiency
Dr. Cary Bloyd
Argonne National Laboratory, and
APEC Expert Group on New and Renewable Energy Technologies
- 10:30-11:00 Break
- 11:00-11:30 Overview of renewable energy support policy in Japan/historical development, buy back rate system of electric utilities, RPS, and green power.
Dr. Hiroshi Asano
Senior Research Scientist
Central Research Institute of Electric Power Industry (CRIEPI)
Tokyo, Japan
- 11:30-12:00 California's Experience with feed-in tariffs and renewable energy portfolio standards
Dr. Terry Surles
Senior Advisor
California Institute for Energy & Environment
Office of the President
University of California
Board Member
Pacific International Center for High Technology Research
- 12:00-2:00 Lunch

- 2:00-4:00 Hawaii's Experience in Grid Connected Renewable Energy Systems:
Regulatory, Government Energy Office, and Utility Perspectives
- 2:00-2:30 Regulators perspective on Renewable Energy Portfolio Standards
Mr. Carlito Caliboso
Chairman
Public Utilities Commission
State of Hawaii
- 2:30-3:00 Hawaii State Government Experience: Renewable Energy Portfolio
Standard and Hawaii Clean Energy Initiative
Mr. Theodore "Ted" Peck
Energy Administrator
Department of Business Economic Development & Tourism
State of Hawaii
- 3:00-3:30 Electric Utility Perspective on financing Grid Connected Renewables
Mr. Dave Waller
Vice-President for Customer Solutions
Hawaiian Electric Company
- 3:30-4:00 Break
- 4:00-4:30 Mexico's current financial mechanism that support the implementation of
utility based renewable energy and efficiency
Dr. Jorge Huacuz
Director
Non-conventional Energy
Electrical Research Institute
Cuernavaca, Mexico
- 4:30-5:00 Malaysian current financial mechanisms and future directions (including
feed in tariff plans and their evaluation).
Ir. Ahmad Hadri Haris
Head of Renewable Energy
Malaysia Energy Centre (PTM)
Kuala Lumpur, Malaysia

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- 9:00-9:30 Efficiency certificate trading in Australia & in the context of renewable
energy certificate energy certificate in the APEC region
Dr. Hugh Outhred
School of Electrical and Engineering & Telecommunications
University of New South Wales
Sydney, Australia

- 9:30-10:00 China's current financial mechanisms that support the implementation of utility based renewable energy and efficiency
Mr. Wang Zhongying
Director
Center for Renewable Energy Development (CRED)
Energy Research Institute
National Development and Reform Commission
Beijing, China
- 10:00-10:30 Break
- 11:00-11:30 Grid connected renewable energy in New Zealand
Dr. David Natusch
Managing Director
Resource Development Limited
Lower Hutt, New Zealand
- 11:30-12:00 Financing grid connected renewable energy in Vietnam
Mr. Vu Van Thai
Deputy Director General
International Cooperation Department
Ministry of Industry and Trade
Ha Noi, Viet Nam
- 12:00-2:00 Lunch
- 2:00-2:30 Financing grid connected renewable energy in Chinese Taipei
Dr. H. (Tom) Lee
Senior Researcher & Deputy Director
New Energy Technology Division
Energy & Environment Research Labs
Industrial Technology Research Institute
Chinese Taipei
- 2:30-3:00 Thailand's current financial mechanism that support the implementation of utility based renewable energy and efficiency
Dr. Paritud Bhandhubanyong
Senior Advisor
National Science and Technology Development Agency
Bangkok, Thailand
- 3:30-4:00 Break

4:00-4:30 Financing grid connected renewable energy in Indonesia
Dr. Andi Novianto,
Chairman, Alternative Energy Technical Team
Coordinating Ministry for Economic Affairs
Deputy Ministry for Energy, Mineral Resources, and Forestry
Jakarta, Indonesia; and

Mr. Ario Senoaji
State Electric Company, PT PLN
Jakarta, Indonesia

4:30-5:00 The Philippines' current financial mechanisms that support the
implementation of utility based renewable energy and efficiency
Dr. N.A. Orcullo,Jr.
De La Salle University-Dasmarinas
Cavite, Philippines

April 1, 2009

9:00-9:30 Financial Aspects and Potential of Small Grid Connected Hydropower in
Vietnam
Mr. Nguyen Duc Cuong
Director, Center of Renewable and Clean Development Mechanism
Institute of Energy
Ha Noi - Viet Nam, and

Mrs. Phan Thi Thuy Tien
Director, Science Technology and Environment Department
Vietnam Electricity (EVN)
Ha Noi - Viet Nam

9:30-10:30 Roundtable discussion of the recommendation for APEC Energy Working
Group on Utility RE/EE Finance Priorities

10:30-11:00 Break

11:00-11:30 Workshop Next Steps Cary Bloyd