

2011 HAWAII ASIA PACIFIC INSTITUTE / NEAEF
EXPERT WORKING GROUP ON
ENERGY COOPERATION IN NORTHEAST ASIA:
CHALLENGES IN ACHIEVING ENERGY EFFICIENCY*

**An activity in the context of APEC 2011, Honolulu*

Honolulu, Hawaii, April 13-15, 2011

Organized by

The Northeast Asia Economic Forum
College of Social Sciences, University of Hawai'i at Mānoa

In Cooperation with

Japan Committee for Promotion of an Asian Energy Community (JCPAEC)
Ministry of Foreign Affairs, Japan
Asia Research Program, University of California at Berkeley
Japan Electric Power Information Center (JEPIC)

The New Otani Kaimana Beach Hotel
2863 Kalakaua Avenue
Honolulu, HI 96815
Tel: (808)923-1555 Fax: (808)922-9404

WEDNESDAY, 13 APRIL 2011

Maple Garden Restaurant

Tel: (808)941-6641

18:00–20:30 **Welcoming Dinner**

Introduction by **Lee-Jay CHO**, Chairman, Northeast Asia
Economic Forum

Welcoming Remarks by **George ARIYOSHI**, Former Governor of Hawaii and Chairman, Board of Directors, HAPI

Remarks by Cooperating Institutions

THURSDAY, 14 APRIL 2011

- 8:30 Coffee and Tea
- 8:45–9:00 **Introductory Remarks**
Lee-Jay CHO, Chairman, NEAEF
- 9:00–9:20 **Presentation on Biofuels for Power Generation: A Success Story**
Colton K. CHING, Vice President, System Operation and Planning, Hawaiian Electric Company, Inc., Honolulu, Hawaii
- 9:20–9:40 Questions and Discussion
- 9:40–12:30** **Session 1: Green Energy Policies – Country Perspectives**
Moderated by Lee-Jay CHO
- 9:40–10:00 *Japan*
TANABE Yasuo, Vice President and Executive Officer, Government and External Relations Division, Hitachi
- 10:00–10:20 *People’s Republic of China*
Bi Ji Yao, Director General, Institute for International Economic Research, National Development and Reform Commission, China
- 10:20–10:40 Coffee/Tea Break
- 10:40–11:00 *Republic of Korea*
KIM Kyung-Sool, Senior Research Fellow, Korea Energy Economic Institute (KEEI)
- 11:00–11:20 *USA*
Terry SURLES, Executive Vice President for Research and Development, Desert Research Institute, University of Nevada; Board Member, Pacific International Center for High Technology Research (PICHTR)

- 11:20–11:40 *Russia*
Olga DEMINA and Alexey NOVITSKIY, Economics Research Institute,
 Far Eastern Branch, Russian Academy of Sciences; *presented by Ms.*
Olga Bogach, PhD Candidate and Research Assistant, University of
Hawaii Economic Research Organization
- 11:40–12:00 *Mongolia*
Ganbold BAASANJAV, Director General, Asia Department, Mongolian
 Ministry of Foreign Affairs
- 12:00–12:10 Comments by **Mark J. VALENCIA**, Research Associate, National Asia
 Research Program, National Bureau of Asian Research
- 12:10–12:30 Questions and Discussion
- 12:30–14:00 Lunch (Bento) at Kapiolani Park
- 14:00–16:00 Session 2: Energy Markets and Energy Efficiency**
 Moderated by Terry SURLES
- 14:00–14:20 **IINUMA Yoshiki**, Director, Research Department, Japan Electric Power
 Information Center, (JEPIC)
- 14:20–14:40 **James GRIFFIN**, Assistant Specialist, Hawaii Natural Energy Institute,
 School of Ocean and Earth Science and Technology, University of
 Hawaii at Manoa
- 14:40–15:00 **Dexter SUZUKI**, President, LuxTech Lighting
 Research to Application: High Illuminance Plasma Light Technology
- 15:00–15:20 Coffee/Tea Break
- 15:20–16:00 Questions and Discussion

FRIDAY, 15 APRIL 2011

9:00–10:20 **Session 3: Challenges and Solutions for Integrating Renewable Energies (RES) into Domestic Energy Markets and the Asia Pacific Region**

Moderated by TANABE Yasuo

9:00–9:20 **Terry SURLES**, Executive Vice President for Research and Development, Desert Research Institute, University of Nevada and **Maurice KAYA**, Pacific International Center for High Technology Research (PICHTR)

9:20–9:40 **UCHIDA Mitsuho**, Former Director, Central Research Institute of Electric Power Industry; Visiting Professor, Chukyo University, Japan

9:40–10:00 **KIM Kyung-Sool**, Senior Research Fellow, Korea Energy Economic Institute (KEEI)

10:00–10:20 Comments by **Denise KONAN**, Professor of Economics, Former Chancellor of the University of Hawaii

10:20–10:40 Coffee/Tea Break

10:40–11:30 **Round Table Discussion: New Paradigm for Energy Security after the Fukushima Disaster**

Moderated by Denise KONAN

11:30–12:00 Policy Recommendations and Conclusion
Chair: Lee-Jay CHO, Chairman, NEAEF

Lunch (on your own)

LIST OF PARTICIPANTS

George ARIYOSHI, Former Governor of Hawaii and Chairman, Board of Directors, HAPI

Ganbold BAASANJAV, Director General, Asia Department, Mongolian Ministry of Foreign Affairs

Bi Jiyao, Director and Senior Research Fellow, Institute for International Economic Research, State Development and Planning Commission, China

Olga BOGACH, PhD Candidate and Research Assistant, University of Hawaii Economic Research Organization

Colton K. CHING, Vice President, System Operation and Planning, Hawaiian Electric Company, Inc., Honolulu, Hawaii

Lee-Jay CHO, Chairman, Northeast Asia Economic Forum

Richard DUBANOSKI, Dean of the College of Social Sciences, University of Hawaii at Manoa

James GRIFFIN, Assistant Specialist, Hawaii Natural Energy Institute, School of Ocean and Earth Science and Technology, University of Hawaii at Manoa

Lois HAMAGUCHI, Energy Analyst, Department of Business, Economic Development, and Tourism, State of Hawaii

INUMA Yoshiki, Director, Research Department, Japan Electric Power Information Center, (JEPIC)

KAMO Yoshihiko, Consul General of Japan

KIM Kyung-Sool, Senior Research Fellow, Korea Energy Economic Institute (KEEI)

Denise KONAN, Professor of Economics, Former Chancellor of the University of Hawaii

NANBU Hidetomo, Vice-Consul, Economic Affairs Section, Consulate-General of Japan at Honolulu

Terry SURLES, Executive Vice President for Research and Development, Desert Research Institute, University of Nevada; Board Member, Pacific International Center for High Technology Research (PICHTR)

Dexter SUZUKI, President, LuxTech Lighting

TANABE Yasuo, Vice President and Executive Officer, Government and External Relations Division, Hitachi

UCHIDA Mitsuho, Former Director, Central Research Institute of Electric Power Industry; Visiting Professor, Chukyo University, Japan

Mark J. VALENCIA, Research Associate, National Asia Research Program, National Bureau of Asian Research

Forum Staff

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Laura KIM, Office Coordinator, Northeast Asia Economic Forum