

Hawaii Energy Forum Meeting

General Membership Meeting

Hawai'i State Capitol, Room 309

Friday, October 29, 2010, 10:00 a.m. to 1:30 p.m.

Meeting Objectives

- Introduce new members
- Report and Discuss potential legislation for 2011 from Working Group Co-Chairs
- Present HEPF projects
- Present developments in energy efficiency and initiatives

New Members

- Building Industry Association of Hawaii -- Karen Iwamoto
- ThinkTech Hawaii -- Jay Fidell

Meeting Summary Notes

I. HEPF Projects

- Video Documentary proposal
 - Stems from a one hour program for HNN broadcast three years ago.
 - May consist of a year long production of 30 minute shows every two months.
 - Forum is underwriting and Hawaii News Now will produce
 - Suggested ideas for themes include: transportation, bioenergy, food and fuel, and model green homes
- Hawaii Clean Energy Status Reports project proposal
 - Need to develop meaningful metrics and reports on the status of clean energy in Hawaii
 - Proposed project seeks to:

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- develop and analyze data to enable prudent resource allocation and decision making
- help lawmakers gauge the impacts of policies and programs
- promote public understanding of the importance of community and individual actions affecting costs and benefits of energy
- Three project stages: (1) planning and design of the "clean energy" index and metrics and elements appropriate for regularly updated status reports, (2) data collection and reporting methodology and testing, and (3) producing an ongoing "Hawaii Clean Energy Status Report"
- Project seeks to convene a Working Group for designing of a comprehensive index and decision making on what to measure.
- Forum is partnering with UHERO
- Concern over ensuring that efforts are not duplicative of other efforts

II. Working Group Reports and Discussion on Legislation

- Renewables Working Group -- Warren Bollmeier and Mark Duda
 - Currently taking suggestions for legislative bills to draft by November.
 - When vetting bills, if opposed, please include reasons during the vetting process
- Transportation Working Group -- Maria Tome
 - Draft legislation entitled "Ke Ala Hou: A New Way Forward" was presented. The goal of this legislation is to incentivize energy efficiency in transportation using transportation demand management strategies to reduce demand for resident and visitor car fuel to meet or exceed the state's 2030 energy efficiency and greenhouse gas emission reduction targets. This starts from land-use planning and extends with highways and vehicle usage. Energy can be a changing factor in transportation

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- The strategic policy approach supports the re-introduction of the Highways Modernization Plan, with the following three additions:
 - A focus on the need for energy efficiency in transportation
 - An incentive program for businesses to incorporate Transportation Demand Management strategies
 - Funding active transportation infrastructure to include bicycle and pedestrian connectivity projects
- Regulatory Reform Working Group -- Carl Freedman
 - Focus is on filling the vacant positions in the regulatory agencies and maintaining vacant positions so that they can be refilled
- Communication/Outreach Working Group -- Peter Rosegg and Jay Fidell
 - Annual awareness events such as Clean Energy Day will continue and will seek to bridge the gap between the public and university
 - Video documentary

III. Presentations on Energy Efficiency and Updates:

- Hawai'i's Energy Efficiency Program: 2010 Status of Efficiency and Conservation by Michael Chang, Hawaii Energy
- Kauai Island Utility Cooperative: Energy Efficiency Overview by Claurino Bueno, KUIC
- Hawaiian Electric Company Update by Peter Rosegg, Hawaiian Electric Company
 - HECO is developing a direct response program to deal with variations in load
 - Some energy efficiency programs include:
 - Home Energy Check update on their website
 - Experiments with a tiered rate program
 - Electric Vehicle Charging Rate program (time-of-use rate that encourages energy use when there is the least demand)

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- There has been a change in the HECO business model to accommodate the changing role of HECO with decoupling
 - The rebate portion of the business went to Hawaii Energy
 - Energy savings from Hawaii Energy is tied to HECO's planning efforts
- Q & A
 - Q: How is the investment community reacting to the legislation?
 - A: Positive in general
 - Q: At what percent of renewable energy does the grid experience instability?
 - A: Every grid is different; in general, about 15% renewable energy is where the grid encounters problems-- then an interconnection study begins. What is difficult is that renewable energy production units are not visible to the grid system operator
- Progress Report: HREDV Support of Innovators and Energy Market Transformation by Maurice Kaya and Dawn Lippert, Hawaii Renewable Energy Development Venture
- Hawaii Clean Energy Initiative: Transforming Hawaii's Energy System by Ted Peck; State of Hawaii Department of Business, Economic Development and Tourism; Strategic Industries Division