

## Hawaii Energy Forum Meeting

October 12, 2005 Meeting

Agenda & Presenter Bios

Hawai'i Energy Policy Forum Meeting

Pacific Ocean Science & Technology (POST) Bldg Rm 601

University of Hawaii @ Manoa

Wednesday, October 12, 2005 -- 10:00 a.m. - 2:30 p.m.

### **Agenda**

**Panel:** 10–11:30am

“Renewables: Status and Promise: Challenges & Recommendations”

- Solar/PV – Riley Saito, PowerLight Corp.
- Solar/Water – Derrick Sonoda & Peter Rosegg, HECO
- Wind -- Warren Bollmeier , Hawai'i Renewable Energy Alliance
- Geothermal – Barry Mizuno, Puna Geothermal Venture
- Biomass/Ethanol – Maria Tome, DBEDT & Robert Shleser, Clear Fuels Technology
- Hydrogen – Scott Turn, UH Hawai'i Natural Energy Institute

**Demonstration & Lunch:** 11:30 – 12:30pm

- Hydro-burgers by Airgass – Jeff Finch

**Guest Speaker:** 12:30 – 1:00pm

“Apollo Alliance – policy and project initiatives to advance renewable energy & energy efficiency investment”

- Carla Din, Western Regional Director, Apollo Alliance

**Business Meeting:** 1:00 – 2:30pm

- HEPF Progress Report – Sharon Miyashiro
- Report & Discussion on Action Plan Structure:

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- Working Groups – Mitch Ewan & Bill Kaneko
  - Communication/Outreach Report – Bill Kaneko
    - HEPF Annual Scorecard – Mike Hamnett
    - HEPF Challenges
    - Legislative Briefing – Rep Hermina Morita
  - Next Steps/Next Meeting
- 

### **About Our Presenters**

#### Airgas

With more than 900 locations in the U.S., Mexico and Canada, Airgas is the largest independent distributor of industrial, medical and specialty gases and related supplies in North America. In addition, Airgas is the largest manufacturer of Carbon Dioxide and Nitrous Oxide, and the third largest distributor of Safety supplies and equipment.

Airgas entered the Hawaii market on July 31, 2004 with the purchase of Gaspro, continuing the tradition of this company that has been providing outstanding products and services to customers in the Hawaiian islands since 1909.

As a distributor of bulk and packaged gases, Hydrogen supply has been an integral component of our product offering for many years. With the advent of new and expanded uses of Hydrogen as an alternative fuel source, Airgas will be uniquely qualified to offer the safe handling and distribution of this product to consumers in Hawaii.

#### **Leadership:**

Jeffrey Finch, President

Mark Mahler, Vice-President Sales and Marketing

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Ping Cheng, Vice-President Operations

Mike Kenny, Vice-President and CFO

### **Contact:**

Mark Mahler 808-292-2223

### **The Apollo Alliance**

The Apollo Alliance is an ambitious 10-year, 10-point plan that promotes the advancement of alternative energy to drive investments into modern energy technologies and public infrastructure, create high quality jobs, revitalize underserved communities, and reduce dependence on foreign oil. Coalition members include labor unions, environmental organizations, social justice groups and progressive businesses. See Apollo Alliance website at: [www.apolloalliance.org](http://www.apolloalliance.org).

### **Carla Din**

Carla Din is the Western Regional Director for the Apollo Alliance and the Environmental Liaison for the United Steelworkers.

Ms. Din joined the Apollo Alliance in 2004 to advance renewable energy and energy efficiency through policy development and project implementation. She joined the Steelworkers in 2001 to help resolve conflicts between aluminum workers dependent on low-cost power, and environmentalists working to save salmon threatened by Bonneville Power Administration's hydro system. Successful alliance building led to Steelworker support of a comprehensive energy policy endorsing conservation, renewable energy, energy efficiency and salmon protection, and environmentalists' unprecedented support for worker protection.

Ms. Din's outreach and collaborative approach resulted in overwhelming labor support for California's Renewable Portfolio Standard (RPS) bill, which required California to generate 20 percent of its electricity from renewable energy by 2017

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and promised to create 12,000 new jobs. It is the most aggressive RPS bill in the nation.

Ms. Din represents Steelworker President Leo Gerard on the California State Teachers' Retirement System's Clean Tech Advisory Committee, is a member of the Northwest Energy Coalition, and a former member of Governor Schwarzenegger's Environmental Policy Advisory Task Force. She received the Byron Sher Environmental Leadership Award from the California League of Conservation Voters in 2005.

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Summary Notes

### **In Attendance:**

#### *Members:*

John Cole (DCA), Bill Kaneko (HIPA), John Harrison (UHM), Jeff Deren (KIUC), Peter Rosegg (HECO), Warren Bollmeier (HREA), Mitch Ewan (UH-HNEI), Eileen Yoshinaka (US DOE), Riley Saito (PowerLight), Maurice Kaya (DBEDT), Mike Hamnett (RCUH), Susan Shintani (Tesoro), Laurence Lau (DOH), Rep Hermina Morita, Perry White (for Joan White, HCAP), Jeff Mikulina (Sierra Club), Anna Ritzen (for Kyle Datta, RMI), Sharon Miyashiro (UHM).

#### *Guests:*

Bob Shleser (Clear Fuels Technology), Barry Mizuno (Puna Geothermal Ventures), Carla Din (Apollo Alliance), Scott Turn (UH-HNEI), Maria Tome (DBEDT), Bob Caplan (USEPA), Derrick Sonoda (HECO), Jeff Finch (Airgas), Ping Chung (Airgas), Paula Helfrich (EDAH), Tom Gillen (Eagle Visions Video Corp), Andrew Garrett (UH Public Administration Program), Peter Bower (FACE/Church of the Crossroads).

### **Guest Speakers:**

- **Panel:** “Renewables: Status and Promise: Challenges & Recommendations”(panel ppt presentations will be available on the HEPF website at: <http://www.hawaiienergypolicyforum.hawaii.edu>.
  - ❖ Solar/PV – Riley Saito, PowerLight Corp.
  - ❖ Solar/Water – Derrick Sonoda & Peter Rosegg, HECO
  - ❖ Wind -- Warren Bollmeier, Hawai'i Renewable Energy Alliance
  - ❖ Geothermal – Barry Mizuno, Puna Geothermal Venture
  - ❖ Biomass/Ethanol
    - Maria Tome, DBEDT &
    - Robert Shleser, Clear Fuels Technology
  - ❖ Hydrogen – Scott Turn, UH Hawai'i Natural Energy Institute

**Recommendations for renewables development & support:** Panel and Forum members were asked to address recommendations to overcome challenges and support renewables development—with focus on the short-term (1-3 years), and, more specifically, any proposals for the upcoming Legislative Session. See Attachment 1 for “Recommendations on Renewables”.

- **Guest Speaker:** Carla Din, Western Regional Field Director, Apollo Alliance, and Environmental Liaison, United Steelworkers, Oakland, shared the work of the Alliance in developing broad coalitions of labor, environmental, business, and urban communities to develop private-public investments in renewable energy and efficiency projects. She presented its “10 Point Plan” for good jobs and energy independence. See Apollo Alliance website at: [www.apolloalliance.org](http://www.apolloalliance.org)

**Legislative proposals:** Meeting attendees who had suggestions for legislation were asked to submit to Rep Morita ([repmorita@capitol.hawaii.gov](mailto:repmorita@capitol.hawaii.gov)) before November 24th as the final deadline for it being included in the legislative package is December 1st. Members were also asked to send to Sharon ([sharonmi@hawaii.edu](mailto:sharonmi@hawaii.edu)) so they could be emailed to Forum members for review to ensure concerted support for those proposals adopted by the Forum.

Some of the items on the legislative agenda relating to energy are:

- Act 95 amendments
- Pays America (relating to credit for efficient energy use)
- Rescind sunset clause for renewable energy tax credits & increase caps for commercial and residential installation

**Legislative briefing: Thursday January 19, 10am – 12 noon at the State Capitol.** Focus will be on legislative update and proposals. We have asked the panel members to present and focus on challenges and legislative recommendations. Any other issues can be added to the agenda (Pls email [sharonmi@hawaii.edu](mailto:sharonmi@hawaii.edu) asap if you have other items that should be brought before the legislature).

Some recommendations for inclusion in the legislative presentations were:

- Cost of energy – impact on the economy/increasing costs of electricity for State buildings, etc.
- Data on revenue generation/jobs created from renewables to overcome the Tax Department's view of tax credits only as "tax loss" to the State.
- Data on use of consumption to analyze the use of tax credits with the cap (since 6/30/03).
- Renewable Energy Action Plan.
- Current costs of energy if we continue to consume/generate energy as we have been doing – trend data; and costs if we don't change the way we do business.

**HEPF coordination with the DBEDT's Hawaii Energy Strategy:**

Maurice Kaya shared information and plans for the Hawaii Energy Strategy, which will be completed in 2006. DBEDT is currently negotiating the consultant contract, but will ensure that its work will coincide with the HEPF Working Groups and timeline; and the design process will use the expertise and commitment of the HEPF. The Strategy will develop major policy initiatives and focus on energy self-sufficiency – investment in renewables (eg. the R&D in hydrogen) and energy efficiency -- and public education.

**Other initiatives that we should consider:**

- The **Economic Momentum Commission** (<http://www.emc-hawaii.com>) (Chaired by Don Horner with Senate President and House Speaker as vice-chairs). The EMC has proposed a number of energy recommendations to sustain a robust economy. Maurice shared the two energy sustainability objectives and solutions:
  - (1) Reduce dependence on oil through renewable power and fuels:  
EMC's proposed solution is to meet or exceed the goal of obtaining 20% of electricity & transportation fuels from renewable resources by 2020 by enacting legislation to:
    - a. Rescind sunset date on renewable energy income tax credit;
    - b. Increase cap for RE income tax credits on single family residential solar thermal to \$2,250, single family PV to \$8,000, & commercial installations to \$500,000; and DBEDT will educate the public on the availability of tax credits;

- c. Provide lender incentives of "pay-as-you-save" financing for solar energy to reduce up-front financial barriers;
  - d. Streamline state permitting & coordinate review processes for RE projects;
  - e. Require diesel fuel blends with 2% biodiesel after 1/1/2010 and tax credits for biodiesel production & expansion
  - f. Encourage PUC, DBEDT & DLNR to expedite implementation of RPS.
- (2) Reduce dependence on oil through conservation by:
- a. Directing DAGS to require new state facilities to meet or exceed energy efficiency standards in LEED or Building Energy Guidelines of the UH Center for Smart Building & Community Design.
  - b. Establishing revolving fund to offset cost of retrofitting state buildings;
  - c. Encouraging counties to adopt energy efficiency construction in its building codes; and streamlining permitting & inspection for those developers that follow EPA Energy Star or US Green Buildings Council Leadership in Energy;
  - d. Encouraging PUC to expedite evaluation of time of use rates, real time and critical peak pricing, interruptible rates & demand subscription for electrical consumers

Maurice encouraged everyone to weigh in on the recommendations proposed at the EMC website at: [http://www.emc-hawaii.com/contact\\_us.htm](http://www.emc-hawaii.com/contact_us.htm)

- The **Economic Development Boards**. Paula Helfrich, **Economic Development Alliance**, stated that energy is its #1 issue. She indicated strong interest in working with the HEPF.

**HEPF Progress Report**: Sharon Miyashiro distributed a status report on the work of the Forum to date and enlisted support for the action plan/working group initiatives for which the HEPF obtained funding from DBEDT and DOH. Attachment 2 provides a status report of HEPF achievements and action agenda in the coming year. She also distributed the final mission and vision documents; the membership criteria, and list of current Forum members. We need to add union representative; and others missing representation on the Forum. Nominations should be sent to [sharonmi@hawaii.edu](mailto:sharonmi@hawaii.edu) and should include information in response to the membership criteria. Upon receipt these will be sent to all Forum members for decision.

**HEPF Governance & Working Groups**: Mitch Ewan & Mike Hamnett presented the action plan and proposed working groups (See Attachment 3). Co-chairs are to submit a one-page outline of the goals and near term actions (1-3 years) by November 10, 2005 (to be submitted under our state contract). The following members agreed to co-chair the

following Working Groups:

- **Regulatory Reform: Carl Freedman**
- **Renewable Energy: Mitch Ewan & Warren Bollmeier** (other members from 8/9/05 meeting): Rick Reed, Kyle Datta)
- **Social & Cultural Impact:**
- **Energy Efficiency/Conservation: Kyle Datta & John Harrison** (other members from 8/9 meeting: Peter Rosegg, Rick Reed)
- **Hydrocarbons Future: Al Chee**
- **Communications & Outreach: Bill Kaneko & Peter Rosegg**(other members from 8/9 meeting: Steve Alber, Kyle Datta)

Anyone interested in co-chairing or being a member of the Working Groups above, please email: [sharonmi@hawaii.edu](mailto:sharonmi@hawaii.edu). The Working Group (WG) Chairs should feel free to add members that can provide information and perspective to meet the goals and implement actions developed by the WG. Graduate students from the UHM Public Administration Program interested in energy issues and HEPF staff will assist the Working Groups.

#### **Communication/Outreach Report**

- **HEPF Energy Scorecard** – Mike Hamnett reported on the work to date. Comments indicated that variables should reflect actions that the public could engage in to improve energy scorecard, eg. bus ridership, solar water heaters installed, etc.
- **HEPF Energy Challenges** – HEPF is pursuing four energy challenges to be rolled out in November (or later depending on the timeline for specifying actions to be achieved by October 2006). These are with the following:
  - 1) **UH/HECO** (energy efficiency)
  - 2) **State DAGS** (energy efficiency—electricity use in DAGS-controlled buildings)
  - 3) **Hawaii Autodealers Assn & Girls Council of Hawaii** (tire pressure campaign)
  - 4) **State Legislature** (renewable energy tax credits)

#### **Next meeting: January 19, 2005, noon – 2pm (following the Legislative Briefing):**

On the agenda: DBEDT's Hawaii Energy Strategy

Legislative proposals

Other: tbd