

## Breakout Workgroup Reports

**GROUP: Conservation/Efficiency      Date: 12/2/03**

This report summarizes the deliberations and recommendations from one of five workgroups. Each workgroup agreed on a facilitated process, heard from a panel members involved in conducting a study on the issue area or as a member of the Energy Policy Forum (Forum), and identified major issues and options/actions as well as 1-3 critical next steps to move forward the energy policy vision in the area.

The following report on **ENERGY CONSERVATION AND EFFICIENCY**, which met on December 2, 2003, provides in:

Section 1-- the critical actions which need to be taken in the next 1-3 years to forward the energy vision/goals; these were determined by analyzing the actions according to agreed-upon criteria of: (i) fits vision; (ii) financially viable; (iii) politically acceptable, and (iv) community acceptability.

Section 2-- a list of all issues/options that should be considered in developing the implementation plan, which should include short and long term actions.

Section 3-- Summit participants who are interested in assisting the Forum in further work in this area.

Section 4-- Panelists and Facilitation Team members of the group, and

Section 5-- Comments, which include notes from Facilitation Team and Panelists and questions addressed to Panelists.

### **Section 1. Critical Actions to be taken in the next 1-3 years**

The group prioritized the options/actions identified for achieving the vision according to agreed-upon criteria; and determined that the following were most critical to address in the next 1-3 years, which are:

- A. Education, awareness, work force development and demo sites
- B. Decoupling utilities sales & profit – potential political problems.
- C. Feebates for vehicles – potential political and community problems.
- D. Rate and fee reform to motivate efficiency and load management—may be opposed by developers.
- E. Public Benefits Charge to Fund Conservation

### **Section 2. Issues and Options Identified by the Group**

After presentations by the panel (members are listed in Section 5), time was allocated for further questions and clarification before the facilitator explained the focus of the deliberation and the outcomes. The group spent most of the time proposing and discussing the following options/actions to address the identified issues in energy conservation/efficiency:

- (i) Public benefit charge—potential political and community problems.
- (ii) Authorize public financing of energy efficiency and renewables.
- (iii) Eliminate two-year payback.

- (iv) Inexpensive solutions: appliance efficiency measures.
- (v) Power quality stabilization equipment.
- (vi) Public buildings in excess of 50,000 sq. ft. LEED certification.
- (vii) Tax energy use to implement ideas.
- (viii) RPS by county with teeth.
- (ix) Residential incentives.
- (x) Create a non-profit efficiency utility.
- (xi) Sea-water air conditioning.
- (xii) Increase net metering capacities per unit + total.
- (xiii) Put all rules, regulations and rates on the internet.
- (xiv) Mandatory tire labeling.
- (xv) Securitizing efficiency savings.
- (xvi) Newspaper supplement on efficiency.

\*This option had one more vote than the option listed as No. 5.

### **Section 3. List of participants interested in followup work.**

Participants were asked to provide their names and contact numbers if interested in continuing work with the Forum in this area. They are:

- Todd Scheibert (Lourdes Scheibert, 920 Ward Ave., #6D, Honolulu 96814 ([secohi@verizon.net](mailto:secohi@verizon.net)))
- Jacqui Hoover (Natural Energy Laboratory of HI Authority)
- Charlie Senning (The Gas Company)
- Steven Olsen (Pacific Energy Strategies, LLC)
- Kal Kobayashi
- Gay Chung (re: public benefit charge)

### **Section 4. List of Panelists and Facilitation Team**

- (i) The following panelists presented information on the studies or work they had conducted in the area:
  - Kyle Datta, Rocky Mountain Institute
  - David Waller, Hawaiian Electric Co.
  - Rick Reed, Inter-Island Solar Supply
- (ii) Facilitation Team members were:
  - Michael Kinsley, Lead Facilitator
  - Charles Garman, Co-facilitator & Recorder

---

### **5) Comments**

- (i) Q&A for Kyle Datta—Transportation
  - (a) National Policy Act of 2002 may already mandate procurement of efficient vehicles by state fleets.
  - (b) Ethanol and biofuels. We should invest in these options.
  - (c) Legal challenges with feebates how to structure legislation to overcome them
  - (d) Marine energy efficiency was not addressed because of relatively small consumption, and difficult for the state to influence
  - (e) Would feebates work for the Hawaii region?

- (f) How to handle scraping the amount of cars, in terms of solid waste disposal and recycling.
- (g) Limited accessibility to hybrid cars, how rapidly can manufacturers ramp up?
- (h) How would feebates change for rentals? Rental cars are strongly linked to car manufacturing company, therefore hard to influence them to shift fleet composition

(ii) Facilitation Note: Matrix for evaluating the options/actions was provided but was not used. However, the group did evaluate the options/actions according to the factors provided as a guide.