

Hawaii Energy Forum Meeting

Minutes

Hawai'i Energy Forum

August 21, 2002

Attendance

Forum members:

John Crouch, Mitch d'Olier, Lynne Ebisui (for Alton Miyamoto), Steve Golden, Ruby Hargrave, Maurice Kaya, Gregg Kinkley, Hideto Kono, Mina Morita, Brenner Munger, Yukio Naito, Andy Nomura, Gayle Ohashi, Richard Paglinawan, Rick Reed, Glenn Sato, Scott Seu, Murray Towill, David Waller, Fred Weyand, Eileen Yoshinaka, Robbie Alm, Christy Alarcon, Regina Gregory, Mike Hamnett, John Harrison, Sharon Miyashiro, Sam Pintz, Rick Rocheleau, Irene Takata; Catherine Awakuni

I. Vision Statement

The draft vision statement, as revised at the last meeting, was distributed for forum members to review, prioritize, and return to the project staff in the self-addressed envelope.

II. Terms of Reference

Draft terms of reference, as revised by the subcommittees, were distributed for discussion and feedback. As the scope and number of proposed studies have increased, the Project Team asked Forum members to prioritize the terms in each study as well as the studies themselves as "high," "medium," or "low" priority according to criteria based on meeting long-term goals information needed for the Summit; and relevance to Hawaii. The prioritized TORs are to be returned along with the vision statement in the self-addressed envelopes distributed.

The following are summaries of the discussion and amendments to the TORs for each proposed study:

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1. Hydrocarbons Outlook

1. In part (g), only fuel cells are mentioned as an emerging technology.
2. "Security" is subjective and difficult to assess.
3. Natural gas should be included. Item 2a referring to fuels was amended to include natural gas.

2. Renewable and Unconventional Energy

1. Specific technologies should include wind and solar. Item 2c. amended to include wind and solar.
2. The opening paragraph was amended to [should] specify renewable energy.
3. Item 2a should not be limited to distributed generation; therefore, "distributed" deleted from Item 2.a.
4. Hydrogen production and distribution convergences should be included; therefore, add "future role of hydrogen as primary energy source." to Item 2.c.
5. The list in part 2c should not be exclusive. Change to "including but not limited to..."

3. Regulation, Taxation and Incentives

1. We should mention incentivizing renewable energy; therefore "incentivizing renewables" added to Item 1.
2. Wording should be changed to "energy utilities," not "electric utilities," in order to include all; therefore, wherever mention is made of "electric" utilities, substitute with "energy" utilities.
3. Life cycle costing versus the current least cost criteria should be studied; "provisions for life cycle costing..." added to Item 2.b.
4. The efficacy of the IRP process as a resource planning tool should be evaluated; added to Item 2.b.
5. The effects of levelized ratemaking should be included; added to Item 2.b.

6. Specific state policies-e.g., tax credits, renewable portfolios, net metering, and green tags-should be mentioned. These were added as examples of incentives that need to be assessed.
7. Consultants should help address the issue of "NIMBY," siting issues. The "NIMBY problem.." was added as Item 1.e. in Paper #5 -- Social, Economic and Cultural Futures.
8. We should also include the influence of governance structures-e.g., investor-owned versus municipal utilities; therefore "corporate governance" was added to Item 2.d.

4. Environmental Requirements on Electric Power Producers

1. Substitute "Energy" ...for "Electric Power" Producers in the Title; and replace "electricity" with "energy" throughout.

5. Social, Economic and Cultural Futures

1. Some parts of item 1 should also be included in paper #2 Renewable Energy; therefore mismatch between population distribution and renewable energy resources and differences between islands also included in Item 1 and also in Item 2.d. in Paper #2 -- Renewable and Unconventional Energy.
2. The four scenarios given could be used across all issues papers, to ensure that consultants had a common framework; therefore rather than placed as a part of Paper #5, it will be added to all papers commissioned.
3. The "distributed generation" scenario should not be limited to households; wording changed to be more inclusive.
4. We should look at the current renewables industry and what it would take to support a PV panel manufacturing industry, or other renewable manufacturing capacity here in the state. Added as Item 2.c.
5. Differentiation among the islands should be addressed; added to preamble.

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6. Aesthetics should also be included as a consideration; therefore added as example in Item 1.d.

6. Reducing Hawaii's Energy Demand Through Increased Efficiency

1. Methods to reduce energy use should be expanded to include more than architects and should include use of natural ventilation (tradewinds) as opposed to air conditioning. Item under 2.a. expanded to include guidelines for design, architecture, and building professions.
2. The lists are too detailed; should be consolidated. The list under Item 2.a. was revised.

Since the terms of reference were changed considerably, instead of using the forms distributed at the meeting, the amended version will be e-mailed/sent to Forum members who were asked to download hard copy and mail back with rankings and comments.

III. Next Meeting

The next meeting will be in December. Members agreed to meet at Sansei Restaurant. Staff will email possible dates for feedback from members.

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