



William A. Bonnet
Vice President
Government and Community Affairs

December 1, 2004

PUBLIC UTILITIES
COMMISSION

2004 DEC - 1 P 3:57

FILED

The Honorable Chairman and Members of
the Hawaii Public Utilities Commission
465 South King Street
Kekuanaoa Building, 1st Floor
Honolulu, Hawaii 96813

Dear Commissioners:

Subject: Docket No. 03-0371 – Proceeding to Investigate Distributed Generation in Hawaii

Pursuant to the Commission's directive at the November 29, 2004 Prehearing Conference, attached is HECO/HELCO/MECO's completed Hearing Agenda. The Hearing Agenda provides HECO/HELCO/MECO's panelists and cross examiner for Panels A-H, based on the subject areas where witnesses submitted testimony. Also provided is HECO/HELCO/MECO's presenter for closing comments. An electronic version of the Hearing Agenda will also be emailed to the Commission and parties/participant to the proceeding.

Sincerely,

Attachment

- cc: Division of Consumer Advocacy (3)
- A. Miyamoto
- C. Y. Young, Esq.
- W. S. Bollmeier II
- R. Reed
- S. Y. H. Wong, Esq.
- M. de'Marsi
- G. Sato

- A. M. Oshima, Esq. (2)
- B. T. Moto, Esq.
- K. K. Kobayashi
- J. Crouch
- H. Q Curtis (3)
- C. S. Coleman, Esq.
- L. D. H. Nakazawa, Esq.

**Hawaii Public Utilities Commission
Docket No. 03-0371 (Distributed Generation)
Hearing Agenda
Dec. 8-10, 2004**

Planning Issues

Panel A

Date/Time:

1. What forms of distributed generation (e.g., renewable energy facilities, hybrid renewable energy systems, generation, cogeneration) are feasible and viable for Hawaii?

Panel Members:

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu, Arthur Seki (with respect to renewable energy facilities)</i>
<i>KIUC</i>	
<i>DIVISION OF CONSUMER ADVOCACY</i>	
<i>HESS MICROGEN</i>	
<i>LIFE OF THE LAND</i>	
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	
<i>COUNTY OF KAUAI</i>	
<i>COUNTY OF MAUI</i>	

Note: The County of Maui raised the issue of a Virtual Power Plant concept. HECO, MECO and HELCO are unsure which panel will address this issue, but to the extent the issue is discussed it will be addressed by Ross Sakuda.

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Panel B
Date/Time:

2. Who should own and operate distributed generation projects?

Panel Members:

Company Name	Panelist(s)
HECO, MECO, HELCO	Scott Seu, William Bonnet
KIUC	
DIVISION OF CONSUMER ADVOCACY	
HESS MICROGEN	
LIFE OF THE LAND	
HAWAII RENEWABLE ENERGY ALLIANCE	
COUNTY OF KAUAI	
COUNTY OF MAUI	

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Panel C
Date/Time:

3. What is the role of the regulated electric utility companies and the commission in the deployment of distributed generation in Hawaii?

Panel Members:

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu, William Bonnet</i>
<i>KIUC</i>	
<i>DIVISION OF CONSUMER ADVOCACY</i>	
<i>HESS MICROGEN</i>	
<i>LIFE OF THE LAND</i>	
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	
<i>COUNTY OF KAUAI</i>	
<i>COUNTY OF MAUI</i>	

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Impact Issues

Panel D

Date/Time:

4. What impacts, if any, will distributed generation have on Hawaii's electric transmission and distribution systems and market?
5. What are the impacts of distributed generation on power quality and reliability?

Panel Members:

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu (with respect to Hawaii's electric market), Shari Ishikawa (with respect to transmission and distribution systems)</i>
<i>KIUC</i>	
<i>DIVISION OF CONSUMER ADVOCACY</i>	
<i>HESS MICROGEN</i>	
<i>LIFE OF THE LAND</i>	
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	
<i>COUNTY OF KAUAI</i>	
<i>COUNTY OF MAUI</i>	

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Panel E
Date/Time:

6. What utility costs can be avoided by distributed generation?
7. What are the externalities costs and benefits of distributed generation.
8. What is the potential for distributed generation to reduce the use of fossil fuels?

Panel Members:

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu (with respect to DG/CHP externalities), Ross Sakuda (with respect to reduced use of fossil fuels, avoided generation costs, externalities in IRP), Shari Ishikawa (with respect to avoided transmission and distribution costs)</i>
<i>KIUC</i>	
<i>DIVISION OF CONSUMER ADVOCACY</i>	
<i>HESS MICROGEN</i>	
<i>LIFE OF THE LAND</i>	
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	
<i>COUNTY OF KAUAI</i>	
<i>COUNTY OF MAUI</i>	

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Implementation Issues

Panel F

Date/Time:

9. What must be considered to allow a distributed generating facility to interconnect with the electric utility's grid?

Panel Members:

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Shari Ishikawa (with respect to HECO, MECO and HELCO's Rule 14.H), Scott Seu</i>
<i>KIUC</i>	
<i>DIVISION OF CONSUMER ADVOCACY</i>	
<i>HESS MICROGEN</i>	
<i>LIFE OF THE LAND</i>	
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	
<i>COUNTY OF KAUAI</i>	
<i>COUNTY OF MAUI</i>	

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Panel G
Date/Time:

10. What is the appropriate rate design and cost allocation issues that must be considered with the deployment of distributed generation facilities?

Panel Members:

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Estrella Seese, Douglas Gegax, Scott Seu (with respect to Impact Fees)</i>
<i>KIUC</i>	
<i>DIVISION OF CONSUMER ADVOCACY</i>	
<i>HESS MICROGEN</i>	
<i>LIFE OF THE LAND</i>	
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	
<i>COUNTY OF KAUAI</i>	
<i>COUNTY OF MAUI</i>	

Note: The County of Maui raised issues with respect to Net Energy Metering (NEM), County Wheeling and Decoupling. HECO, MECO and HELCO are unsure which panel will address these issues, but to the extent the issues are discussed they will be addressed by William Bonnet, with input from Arthur Seki (NEM) and Estrella Seese and Douglas Gegax (Decoupling).

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Panel H
Date/Time:

11. What revisions should be made to the integrated resource planning process?
12. What revisions should be made to state administrative rules and utility rules and practices to facilitate the successful deployment of distributed generation?

Panel Members:

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	<i>Scott Seu (with respect to utility CHP), Ross Sakuda (with respect to the IRP process), William Bonnet (with respect to state administrative rules and utility rules to facilitate DG)</i>
KIUC	
DIVISION OF CONSUMER ADVOCACY	
HESS MICROGEN	
LIFE OF THE LAND	
HAWAII RENEWABLE ENERGY ALLIANCE	
COUNTY OF KAUAI	
COUNTY OF MAUI	

Cross Examiners:

HECO, MECO, HELCO – Thomas Williams

Closing Comments

Date/Time:

Presenters:

<i>Company Name</i>	<i>Presenter</i>
<i>HECO, MECO, HELCO</i>	<i>Thomas Williams</i>
<i>KIUC</i>	
<i>DIVISION OF CONSUMER ADVOCACY</i>	
<i>HESS MICROGEN</i>	
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