

# Welcome to the Hawaii Energy Strategy Stakeholder Meeting

July 6, 2006  
State Capitol Auditorium

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Strategic Industries Division

<http://www.hawaii.gov/dbedt/info/energy>

## Meeting Agenda

1:00 – 1:15 pm	Introduction to the Hawaii Energy Strategy 2007 Program	Maurice H. Kaya Chief Technology Officer DBEDT
1:15—2:00 pm	RMI Approach to HES	Kyle Datta Managing Partner Rocky Mountain Institute
2:00—2:20 pm	The ENERGY 2020 Model	Jeff Amlin President Systematic Solutions, Inc
2:20 – 2:35 pm	Break	
2:35—2:55 pm	Stakeholder Participation	Kyle Datta and Kitty Wang HES Project Manager, RMI
2:55—4:00 pm	Facilitated Discussion	Kyle Datta

## Introduction to the Hawaii Energy 2007 Program -- Overview

- ◆ DBEDT's Role in Energy Planning
- ◆ HES 1995 and HES 2000
- ◆ HES 2007 Project Team

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## The Energy Resources Coordinator Powers and Duties (§196-4, HRS)

§196-4, HRS, Powers and duties.

- (1) Formulate plans, objectives, criteria, programs, and financial requirements for the optimum development of Hawaii's energy resources;
- (2 & 3) Conduct analysis and recommend programs;
- (4) Assist public and private agencies in energy conservation;
- (5) Coordinate conservation and allocation programs;
- (6) Encourage alternative energy research;
- (7) Conduct public education;
- (8) Consultant to the governor, public agencies and private industry;
- (9) Contract for services when required;
- (10) Review state actions with significant effect on energy use; report to Governor and legislature;
- (11) Annual report and other reports as requested; and
- (12) Adopt rules to be submitted to the legislature for review.

*Note: Powers and duties are paraphrased.*

## The State Energy Objectives

### Objectives and policies for facility systems—energy)

- (a) Planning for the State's facility systems with regard to energy shall be directed toward the achievement of the following objectives, giving due consideration to all:
- (1) Dependable, efficient, and economical statewide energy systems capable of supporting the needs of the people;
  - (2) Increased energy self-sufficiency where the ratio of indigenous to imported energy use is increased (added 1994);
  - (3) Greater energy security in the face of threats to Hawaii's energy supplies and systems; and
  - (4) Reduction, avoidance, or sequestration of greenhouse gas emissions from energy supply and use (added 2000).

(§226-18, HRS)

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## Previous DBEDT Policy

### Development Studies and Plans

- ◆ *Hawaii Integrated Energy Assessment (1981)*
- ◆ *Hawaii Integrated Energy Policy Development Program (1991)*
- ◆ *Hawaii Energy Strategy (1995)*
- ◆ *Hawaii Climate Change Action Plan (1998)*
- ◆ *Hawaii Energy Strategy 2000 (2000)*

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## Hawaii Energy Strategy (1995)

1. Analytical Energy Forecasting Model
2. Fossil Energy Review and Analysis
3. Renewable Energy Resource Assessment and Development Program
4. Demand-side Management Assessment
5. Transportation Energy Strategy
6. Energy Vulnerability Assessment Report and Contingency Planning
7. Energy Strategy Integration and Evaluation System

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## HES 2000 Recommendations

1. Proposed a **new state energy objective related to climate change**
2. Recommended production and sale of **10% ethanol blend gasoline**
3. Suggested a **renewable portfolio standard**
4. Recommended using a **public benefits fund** to increase funding for DSM and renewable energy.
5. Recommended increasing fleet use of alternative fueled vehicles
6. Recommended continuing state income tax credits for energy efficiency
7. Called for adoption of residential building model energy code in all counties
8. Recommended expanding Hawaii State Government energy performance contracting and financing for energy projects
9. Recommended completing energy emergency generator inventories and database documentation for emergency and essential service facilities
10. Recommended working with USDOE to provide rule-making for priority access to the US Strategic Petroleum Reserve obtained by Sen. Akaka.

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## DBEDT's HES Team

Steven Alber, Energy Planner, HES Project Manager

Maurice Kaya, Chief Technology Officer

Dr. John Tantlinger, Energy Planning and Policy Branch Manager

Gary Greenly, Energy Emergency Preparedness Planner

Douglas Oshiro, Research Statistician

Dr. Elizabeth Raman, Energy Analyst

Carilyn Shon, Energy Efficiency Program Manager

Priscilla Thompson, Energy Analyst

Maria Tome, Renewable Energy Engineer

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## DBEDT HES 2007 Web Address

In addition to the Stakeholder Meetings, DBEDT will maintain information on HES 2007 at the following address:

<http://www.hawaii.gov/dbedt/info/energy/planning/hes>

You will find a copy of the slides from today's presentation on the site soon, along with a summary of stakeholder inputs within two weeks.

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