

AGENDA
ENERGY CODE TECHNICAL SEMINAR
2009 International Energy Conservation Code (IECC)
Design Strategies to Achieve Compliance

Co-Sponsored by Hawaii State Energy Office and Hawaii Energy

These one-day seminars are directed to private sector professionals, building professionals, designers, architects, engineers, and public sector officials.

Participants may attend the morning or afternoon sessions, or both.

WHEN / WHERE: Participants may attend the morning or afternoon sessions, or both.
 Full day: 7:30 a.m. - 4:00 p.m. (lunch included)
 Morning only: 7:30 a.m. - 1:00 p.m. (lunch included)
 Afternoon only: 1:00 p.m. - 4:00 p.m.

The training will be held at the following locations on the following dates:

Oahu	Tuesday, Nov. 13, 2012	Pagoda Hotel Ballroom
Oahu	Wednesday, Nov. 14, 2012	Pagoda Hotel Ballroom
Kauai	Thursday, Nov. 15, 2012	Mo`ikeha Building (4444 Rice Street)
Maui	Friday, Nov. 16, 2012	Ka Lama 103, Lecture Hall, UH Maui College
Hilo	Monday, Nov. 19, 2012	Hilo Hawaiian Hotel
Kona	Tuesday, Nov. 20, 2012	NELHA GATEWAY, Natural Energy Laboratory of Hawaii

Morning Agenda –2009 IECC

Time	Topic	Presenter
7:30 – 8:00a	Sign-in and Continental Breakfast	
8:00 – 8:15	Welcome and introductions , State and County Officials	
8:15-9:15	Residential requirements Envelope, HVAC, Lighting, Water Heating	Kolderup & Wiig
	Residential plan review checklist	Kolderup
9:15-9:30	BREAK	
9:30-10:30	Commercial requirements Envelope; HVAC; Water heating, including pools and heat recovery; Lighting; Commissioning	Kolderup & Wiig
	Commercial plan review checklist	Kolderup
	Commercial total building performance option	Kolderup
10:30-11:00	Stretch Codes; preview of 2012 IECC, IgCC, ASHRAE 189	Kolderup
11:00 – 11:45	Energy Efficiency Incentives	Hawaii Energy/KIUC
LUNCH	Provided by sponsors	

Afternoon Agenda – Design Strategies for Code Compliance

Time	Topic	Presenter
12:45 – 1:00 p	Sign-in	
1:00 – 1:15	Welcome and introductions	County Officials
1:15 – 2:30	Design strategies for code compliance for an air-conditioned residence (2009 IECC and HAR 3-181)	Kolderup
2:30-2:45	BREAK	
2:45 – 3:45	Design strategies for code compliance for a commercial building (2009 IECC and HAR 3-181)	Kolderup
3:45 – 4:00	Wrap up	

Presenters

Erik Kolderup, PE, has been an energy code specialist for over 20 years, and was instrumental in creating Hawaii's energy codes in the 1990s and in 2001

Howard Wiig, MA, with the State Energy Office, has been an energy code specialist for over 20 years, and has been in all phases of energy code development

County Presenters

- Honolulu** **Tim Hiu, PE**, Building Division Manager for 12 years, manages seven building codes
- Kauai** **Douglas Haigh, PE**, Building Division Manager for 17 years, manages seven building codes
- Maui** **Ralph Nagamine, PE**, Building Division Manager for 18 years, manages seven building codes
- Hawaii** **Jai Ho Cheng, PE**, Deputy Building Division Chief for 2 years; Plan Review Engineer for 14 years, manages seven building codes

Energy Efficiency Incentives

Hawaii Energy – Conservation and efficiency program for Hawaii, Honolulu and Maui counties

- Honolulu** **Michael Chang**, Deputy Program Manager
- Maui** **Walter Enomoto**, Program Specialist
- Hawaii** **Caroline Carl**, Program Specialist

Kauai Island Utility Cooperative – Claurino Bueno, Energy Wise Services Director

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