

Energy Modeling Series (Free hybrid sessions)

Save the Dates

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Session 1: Introduction to Energy Modeling

[Registration Link](#)

- ✓ **September 9, 2025:** 4:30 pm doors open, presentation 5:00 - 6:30 pm at AIA CFA or Zoom.

Energy modeling is a powerful design tool with the potential to drive decisions that lead to low-carbon and more energy efficient buildings. This session will address the essentials of energy modeling:

- What design studies is modeling most useful for?
- When in the design process should modeling be incorporated?
- How can modeling be effectively integrated into our workflow?

The training will feature insights from architects who actively use energy modeling, sharing real-world examples of how modeling has informed better outcomes.

Session 2: Menu of Energy Modeling Tools

[Registration Available Soon](#)

- ✓ **October 29, 2025:** 5:00 pm doors open, presentation 5:30 - 6:30 pm at AIA CFA or Zoom

This session will offer a practical look at a variety of energy modeling tools available to support early-stage design decisions. This session will feature:

- Quick web-based platforms to powerful software plug-ins, and
- Tools that can evaluate options for high-performance design.

Users will demonstrate each tool's capabilities through exercise-based examples, giving attendees a firsthand look at how these platforms can best support their unique design processes.

Session 3: Hands-On Energy Modeling Workshop

[Registration Available Soon](#)

- ✓ **November 12 - 13, 2025:** Location TBD

Building on the concepts and tools introduced in earlier sessions, this workshop offers an interactive, in-depth experience with a widely applicable energy modeling platform. Attendees will have the opportunity to explore the tool's features directly, experiment with design variables, and uncover opportunities to improve the energy performance of a sample building. Facilitators will guide participants through the interface, workflow, and outputs, while encouraging creative problem-solving using real-world constraints. This session provides a valuable opportunity to deepen your understanding and gain practical experience with energy modeling.

Training conducted by consultant Erik Kolderup, the Hawai'i State Energy Office and Hawai'i Energy
Questions? Contact Howard Wiig at howard.c.wiig@hawaii.gov