Building Energy Rating and Disclosure: An Introduction

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About VEIC

Comprehensive energy services to lower the economic and environmental costs of energy

- **Consulting services**
  - Program design, planning, and evaluation
  - Policy & advocacy
  - Research & development

- **Implementation services**
  - Comprehensive, large-scale
  - Targeted, small-scale

- **Expertise**
  - Energy efficiency: electric, thermal, vehicles
  - Renewable energy
  - Integration: smart grid

Washington DC: Sustainable Energy Utility
The Underlying Premise of Energy Rating and Disclosure

- Energy rating and disclosure is not sufficient to drive this cycle on its own
- However, it is a piece of the puzzle

Scope: Energy or Environment?

• Energy
  - Only include energy, not water, IAQ, etc.

• Environment
  - Energy is just one of several components
Definitions, Part 1

- **Label**
  - A way to convey information
  - Requires research to understand consumer decision making process

- **Certification (or Rating)**
  - A process
  - Generally includes a range of technical standards and definitions intended to set rules and keep information consistent

- **Disclosure**
  - A set of requirements defining what must be made public vs. what can be kept confidential
Definitions, Part 2

• Asset Rating
  - Based on a calculation of the building’s use
  - Uses assumptions to factor in behavior

• Operational Rating
  - Based on actual measured energy use

Buildings that rate well on one may not rate as well on the other.
Agenda

• Session 1: National and International View
  - Adam Hinge, Sustainable Energy Partnerships
  - Joan Glickman, U.S. Department of Energy
  - Discussion

• Break

• Session 2: Local Experience
  - Tim Kisner, Austin Energy
  - Jayson Antonoff, City of Seattle
  - Jolyn Newton, Southeast Energy Efficiency Alliance
  - Discussion
Contact Information

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