

May 14, 2019

7:00 AM  
Jimmie Stansell:  
Renewables in Idaho

8:15 AM  
Carl Simpson:  
Solar Thermal Renewables

9:30 AM  
Kevin King:  
The Future of Clean Energy: Trends  
and Policies

May 21, 2019

7:00 AM  
Jerry Peterson:  
Remodels/ Additions and Energy  
Efficiency

8:15 AM  
David James:  
Strategic Electrification

9:30 AM  
Kevin Clark:  
Emerging Technology: Heat Pump  
Water Heaters

June 4, 2019

7:00 AM  
Matthew Brown:  
Performance Based Compliance

8:15 AM  
Matthew Brown:  
Advanced Framing

9:30 AM  
Kevin King:  
Clean Tech in Buildings: Design and  
Materials

June 11, 2019

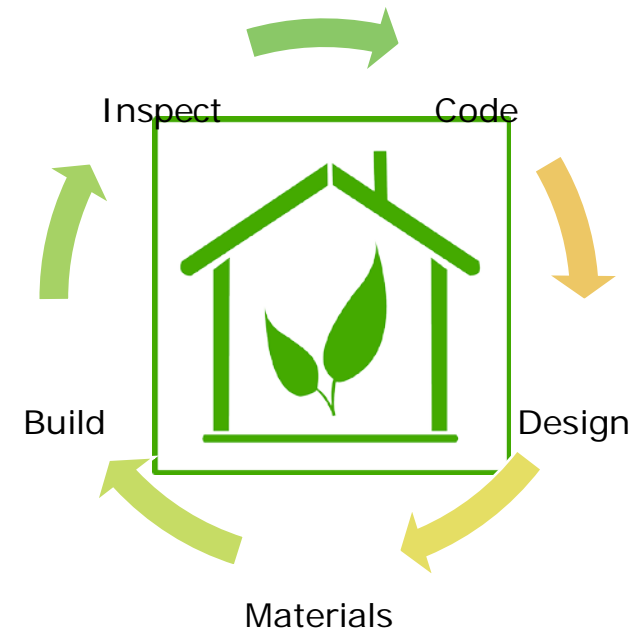
7:00 AM  
David James:  
Emerging Technology: Ductless  
HVAC

8:15 AM  
Lucas Howard:  
Residential Ventilation: Part 1

9:30 AM  
Lucas Howard:  
Residential Ventilation: Part 2

# SPRING SESSIONS

FREE Energy Codes Training  
starting May -June 2019



## Course Descriptions:

### **Renewable in Idaho\*- 1 hour**

Jimmie Stansell from The Division of Building Safety will review Idaho Statutes, Policies, the National Electric Code, and associated hazards in reference to the installation of Renewable Systems in Idaho.

### **Solar Thermal Renewables- 1 hour**

Carl Simpson from Renewable Energy Northwest will discuss sustainability and accessibility of solar thermals in Idaho, including use of renewables in both residential and commercial applications.

### **The Future of Clean Energy: Trends and Policies- 1 hour**

Kevin King is the board chair and spokesperson for the Idaho Clean Energy Association. This course will dive into the trends and policies driving the future of solar with emphasis on energy storage and growing demand. Key topics will also cover new State Regulations, grid parity, tax credits and incentives specific to renewable energy.

### **Remodels/ Additions and Energy Efficiency\*- 1 hour**

Jerry Peterson, Energy Program Manager for the State of Idaho, will provide an interactive session to review compliance, comfort concerns and potential energy savings related to remodels and additions under the 2012 IRC and IECC.

### **Strategic Electrification- 1 hour**

David James from Mitsubishi Electric will share the ever-changing environment and market factors that drive new technology. Sharing current and future trends of electrification, David will make an argument for why the industry is transforming.

**\*Eligible for ICC Preferred, AIA, and IDBOL Professional Engineers Continuing Education Credits.**

### **Emerging Technology: Heat Pump Water Heaters- 1 hour**

Kevin Clark from Rheem Water Heating will discuss the technology, design, installation, and benefits of Heat Pump driven water heaters.

### **Performance Based Compliance- 1 hour**

Matthew Brown is an Engineered Wood Specialist and Energy Efficient Systems Consultant with the APA Engineered Wood Association. This course will look at the process involved in meeting IECC requirements via allowing the builder to value-engineer energy efficiency by viewing the home as a whole.

### **Advanced Framing- 1 hour**

Mathew Brown from APA will present advanced framing techniques designed to eliminate unnecessary framing members and reduce construction costs while also minimizing thermal bridging and increasing insulation volume in the thermal envelope.

### **Clean Tech in Building: Design and Materials- 1 hour**

Kevin King from the Idaho Clean Energy Association will review and provide clarity on the different types of materials used for solar installations. Emphasis will include tech and design differences for applications including systems, inverter, battery, and interconnection.

### **Emerging Technology: Ductless HVAC- 1 hour**

David James from Mitsubishi Electric will explain the technology, design, installation, and benefits of Ductless HVAC Systems.

### **Residential Ventilation\*: Parts 1 and 2- 2hour**

Lucas Howard from Panasonic Eco Solutions reviews IAQ problems that result from excess condensation, when condensation becomes a problem, where to find potential condensation areas and how to prevent condensation in the home. In addition, Lucas will provide the latest information and products for managing condensation, option for meeting minimum ventilation rates and a quieter, more cost-effective approach for ventilating sealed crawlspaces. New shallow mount quiet fans, wall controls and low cost ERV's will be on display.

## **Contact Us**

Division of Building Safety

Energy Programs

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800-955-3044 (toll free)

Seating is limited! Register Online:

[https://dbs.idaho.gov/programs/energy/training\\_request/](https://dbs.idaho.gov/programs/energy/training_request/)

