

# **Energy Efficiency NOW:**

## **Discover the Value of Energy Efficiency in Commercial & Residential Buildings (Residential Technical Track)**

Location: Hotel Captain Cook, Anchorage

Wednesday, March 29, 2017

- 8:00am**      **Registration Check In & Breakfast**
- 8:30am**      **Welcome** - Bryan Butcher CEO/Executive Director, Alaska Housing Finance Corporation
- Opening Remarks** – Mayor Ethan Berkowitz
- 8:50am**      **Alaska the 8-Star State with 6-Star Houses**  
Sandy Adomatis SRA, LEED Green Associate, Adomatis Appraisal Services and Dominique Pride  
The value of energy efficiency in commercial and residential buildings
- 9:50am**      **Break**
- 10:00am**     **Alaska Housing Yesterday and Tomorrow**  
Sandy Adomatis SRA, LEED Green Associate, Adomatis Appraisal Services  
Review the history of housing construction in Alaska and the lower 48. Will Alaska's buyers demand houses with lower utility costs, better comfort and indoor air quality? If they do, are you prepared to identify them? Are you prepared to market them? You will leave this session with insight and tools to meet the needs of a changing residential market.
- 11:50am**     **Lunch**
- Noon**        **Keynote:** The Honorable Chris Hladick, Commissioner, Department of Commerce, Community and Economic Development
- 12:45am**     **Break**
- 1:00pm**      **Understanding High Performance Language used in Listing, Selling and Home Valuation**  
Sandy Adomatis SRA, LEED Green Associate, Adomatis Appraisal Services  
What do your listings suggest are the strongest feature of the house? Does that feature materially affect the cost to operate the house? This session will reveal some lessons learned in reading Alaska MLS listings. Real estate agents, lenders, and appraisers will gain power tips that will enhance their skills and allow them to serve their clients more efficiently. Lenders will gain insight on energy and valuation.
- 2:50pm**      **Break**

**3:10pm**                    **Heating and Domestic Hot Water Operational Improvements**  
Brian Bowman, Proctor Sales Inc., Charlie Hamilton, Ridgeline Mechanical Sales, and Rob Merchant, Moore Heating  
Selecting the correct heating system for your house is important. The installation of that heating system is more complicated than just connecting a few pipes or attaching duct work. Fine tuning the manufactures settings for the climate and use of the system can help save added maintenance and operational costs.

**5:00pm**                    **Adjourn**

**Thursday, March 30, 2017**

**8:00am**                    **Registration Check In & Breakfast**

**8:30am**                    **Opening Remarks** – Jan Miyagishima Mortgage Operations Director, Alaska Housing Finance Corporation

**8:45am**                    **Plenary Speaker: The Art of Lighting**  
Brad Jackson P.E., PDC Inc. Engineers  
Lighting is an art that, when done well, maximizes illumination and efficiency for optimal performance. This session will highlight new lighting designs and products that maximize building performance and efficiency.

**9:45am**                    **Break**

**10:00am**                    **Savings Associated with Energy Efficiency and the use of AkWarm to realize those savings**  
Dustin Madden, Cold Climate Housing Research Center and Scott Waterman Alaska Housing Finance Corporation  
A recent review of homes by various builders shows hundreds of dollars savings per increased rating point. The question still remains, how much does it cost to install those energy efficient items? With proper modeling, AkWarm can help a builder determine which energy efficient measures are cost effective and what the installed costs might be.

**11:50am**                    **Lunch**

**Noon**                      **Keynote: Alaska Economic Climate and Outlook**  
Neal Fried, Economist, State of Alaska, Department of Labor & Workforce Development

**12:45pm**                    **Break**

**1:00pm**

**Real Indoor Air Quality solutions**

Steve Wisdom, Wisdom and Associates and Emmett Leffel, Board Members for Alaska Association of Energy Professionals.

Turning on a bathroom or kitchen fan can be an effective method of diluting indoor air pollutants and humidity. Most of the poor Indoor Air Quality is not seen or smelt, but can have devastating outcomes on individuals. Field studies show that just having a fan in the house doesn't always resolve the issues.

**2:50pm**

**Break**

**3:10pm**

**Heat Pumps and DC Technology: Revolutions in Efficiency and Performance**

Dr. Paul Cotter PhD., Cotter and Noson Consulting Services, LLC

The days of "it can't be done in Alaska" are over. Heat pumps, Solar and Wind are becoming more popular and effective in Alaska as technology improves and people learn the capabilities of the various renewable energy systems.

**5:00pm**

**Adjourn**