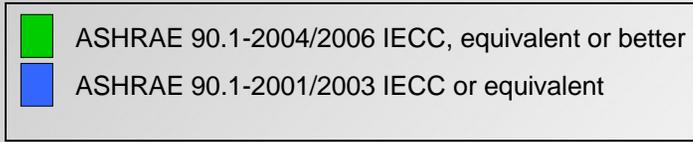
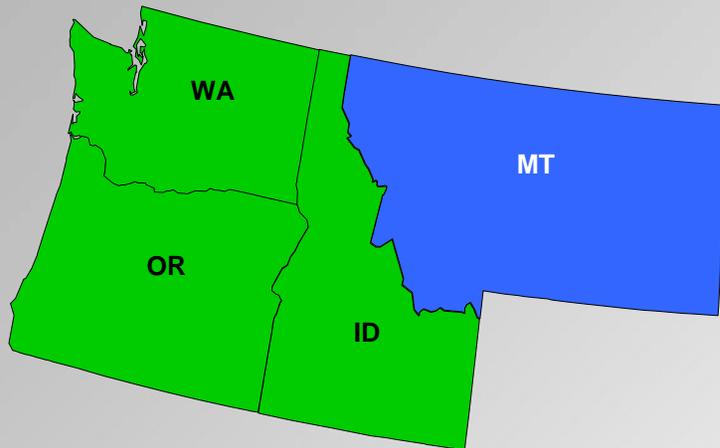


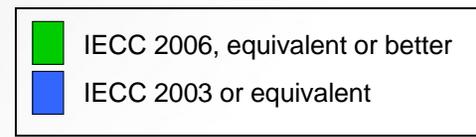
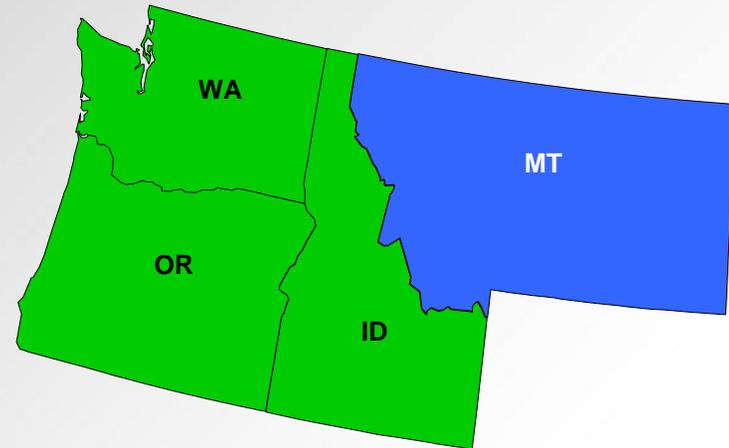


# NEEA – Northwest Energy Efficiency Alliance

## Commercial



## Residential





# Washington

Al-ki (Chinook Native American word meaning “Hope for the future”)

Washington State has been a national leader in developing, implementing and enforcing energy, ventilation and indoor air quality codes for 20 years.



# Success Story

- Washington, Oregon, Idaho and Montana's energy conservation efforts have saved 3000 average megawatts since 1980.
  - 3000 aMW is enough electricity to serve the entire state of Idaho and all of Western Montana
  - 3000 aMW is enough electricity to meet nearly 60% of Oregon's total electricity use

A close-up, slightly blurred image of the American flag, showing the stars and stripes. The flag is positioned at the bottom of the slide, with the stars on the left and the stripes on the right.

Washington

# Energy Code Compliance

- Washington is known for being a national leader in developing and implementing progressive energy codes. The lesson we learned is that successful compliance requires:
  - On-going training for enforcement staff, builders, designers, and the public
  - On-line and phone technical assistance
  - Compliance manuals, permit submittal forms and electronic tools

A graphic of the American flag, showing the stars and stripes, positioned at the bottom of the slide.

Washington



# OREGON

*She flies with her own wings*

- “Oregon has had a statewide energy code in effect since 1974”
- “Oregon’s energy requirements are equal to or better than the IECC and ASHRAE Standard 90.1”
- “The residential energy code standards are 15% better than IECC”
- “The non-residential energy code has been certified by US Green Building Council to be as stringent as ASHRAE Standard 90.1.2004”



# Success Story

- Effective July 1, 2008, Oregon adopted a statewide residential energy code that is over 15% more stringent than its previous code.

A close-up, slightly blurred image of the American flag, showing the stars and stripes. The flag is positioned at the bottom of the slide, with the stars on the left and the stripes on the right.

Oregon

# Energy Code Compliance

- “Oregon has demonstrated that its residential energy code has achieved extraordinary levels of compliance – achieved by a simple (yet rigorous), understandable by all, and generally prescriptive methodology”
- “We are attempting to achieve the same goals with non-residential buildings”

The bottom portion of the slide features a close-up, slightly blurred image of the American flag, showing the stars and stripes. The word "Oregon" is overlaid on the right side of this image in a white, sans-serif font.

Oregon



# Montana

## “Gold and Silver”

Montana homebuyers expect new homes to be energy efficient and to meet all codes.

Two thirds of new houses built in Montana are not inspected for energy code compliance.

Montana’s climate demands a well insulated and sealed building.

Increase efficiency requirements to 2006 IECC



# Success Stories

- All new residential builders and designers receive an Energy Code summary.
- Montana Building Industry Association is actively promoting a “GREEN Building” program and \$500 - \$1000 tax credit for exceeding code.
- Governor’s 20 X 10 program is requiring more efficiency in all state buildings.

A graphic of the American flag, showing the stars and stripes, positioned at the bottom of the slide.

Montana

# Energy Code Compliance

- 85% of new residential buildings comply with the energy code.
- Areas of lowest compliance: HVAC sizing and duct sealing, air sealing, below grade insulation, conditioning crawlspaces and placement of energy component labels.
- Commercial buildings: lighting levels and lighting controls.

A close-up, slightly blurred image of the American flag, showing the stars and stripes. The flag is positioned at the bottom of the slide, with the stars on the left and the stripes on the right.

Montana



# Idaho

## State Motto

- Adoption of energy codes in Idaho was a grass roots effort that essentially took twenty-years of gestation.
- Today, energy codes have become an energy efficiency legacy for future generations.



# Success Story

- In 2007 the State built a new energy plan. Through collaborative efforts, adoption of the energy codes on a three-year cycle were embedded into the plan.

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Idaho

# Energy Code Compliance

- We are known for relationship building and communication and education within government and industry.
- We struggle with maintaining a consistent code program throughout all regions of the state.

A close-up, slightly blurred image of the American flag, showing the stars and stripes. The flag is positioned at the bottom of the slide, with the stars on the left and the stripes on the right.

Idaho