



Green Jobs in Alaska

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AHFC Programs

- **Energy Efficiency Interest Rate Reduction**
- **2nd Mortgage for Energy Efficiency**
- **Small materials loan program**
- **Building Energy Efficiency Standards**
- **Energy Rater Program**
- **Cold Climate Housing Research Center**
- **Home Energy Rebate Program**
- **Weatherization Assistance Program (Wx)**
- **Research Information Center**
- **Consumer, Contractor, Rater and Wx training**

**Energy Efficiency – Foundation of
Renewable Energy**



February 2008



- **Less than 175 people working in some form of energy efficiency work in Alaska**
- **Majority were in the Weatherization Assistance Program, included administrative staff and managers**
- **30 energy raters**
- **A handful of others – consultants, researchers, government**

Home Energy Rebate & Alaska WAP –drinking from the fire hose!



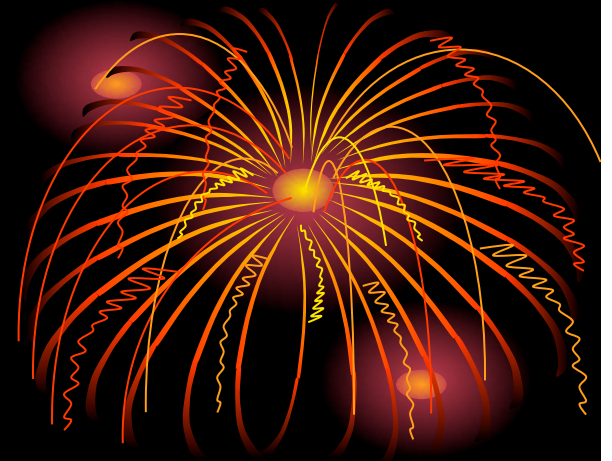
- **March 1 – April 5**
- **\$300 Million**
 - **\$200 M for Wx, up from \$4M AHFC, \$1.8 Fed**
 - **\$100 M for Home Energy Rebate Program**
 - **\$60 M added in August**
- **Supplement (not supplant DOE WX)**
- **New program ramped up by May 15**

Progress?



- ◎ **11,000 ratings done in one year, up from 2600 in 2007**
- ◎ **1800 homes weatherized, up from 600 in 2007 (not all DOE homes)**
- ◎ **Income limits raised to 100% of median**
- ◎ **Per unit limits raised from \$6000 to \$11,000**
- ◎ **\$95M committed to rebates**
- ◎ **Over 2500 people attended some form of EE training**

Challenges



- **staffing**
 - **We projected 6 new positions**
 - **We now have 11, plus 6 temps**
- **Contract or Hire**
 - **SOQ for training 1-7 and possibly more**
 - **New crews for Wx –From <60 to over 400**
 - **New Energy raters 30 to 100+**
 - **Contractors – perhaps 500-1000**

Problems noted



- **Insulation without airsealing**
- **Combustion safety problems**
- **Ventilation issues**
- **Mis-aligned thermal/air barriers**
- **Pressure imbalances**
- **High energy bills**
- **Improper installations**
- **Callbacks**

Training



- ◎ **One of the most important issues**
- ◎ **Projections for numbers to train
-1500 to 2500**
- ◎ **Determination of types of positions
to train**
 - **Energy Raters, Wx Assessors,
Contractors, crews, consumers,
Mechanical contractors**
- ◎ **Budgets for training**
- ◎ **Adoption of BPI certification**
- ◎ **When does training stop?**

Other Jobs



- **Research – Cold Climate Housing Research Center – www.CCHRC.org**
- **Policy and analysis – Consultant services**
- **Renewable Energy Fund – AEA**
- **AVEC and village utilities**
- **Government and tribal – Energy Efficiency & Conservation Block Grants**
- **State Energy Program ?????**

Conclusions

- **Lots of new opportunities**
- **Training is happening (schedule on www.ahfc.us)**
- **Rebate program**
- **Weatherization**
- **Renewable Energy Fund**
- **Appliance Rebate Program**
- **Clean air/GHG emission legislation**
- **New energy bill**
- **EECBG**
- **SEP**





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