

# AHFC Energy Programs

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# *Mission Statement:*



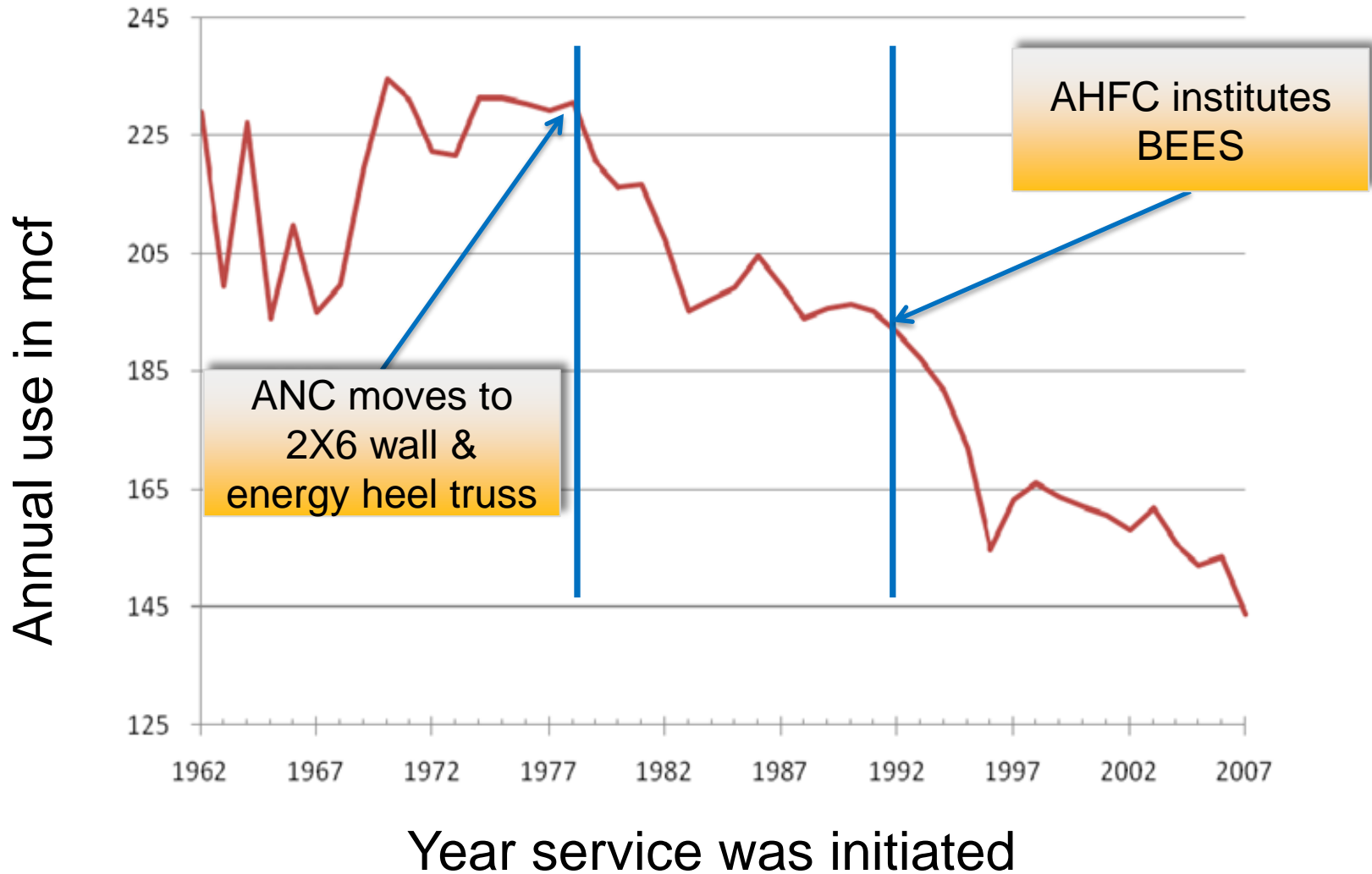
# BEES



- Building Energy Efficiency Standard
- Promote construction of energy-efficient buildings
- 36% of new construction from 2000 - 2010 has met BEES

# Residential Gas Use

Average per home

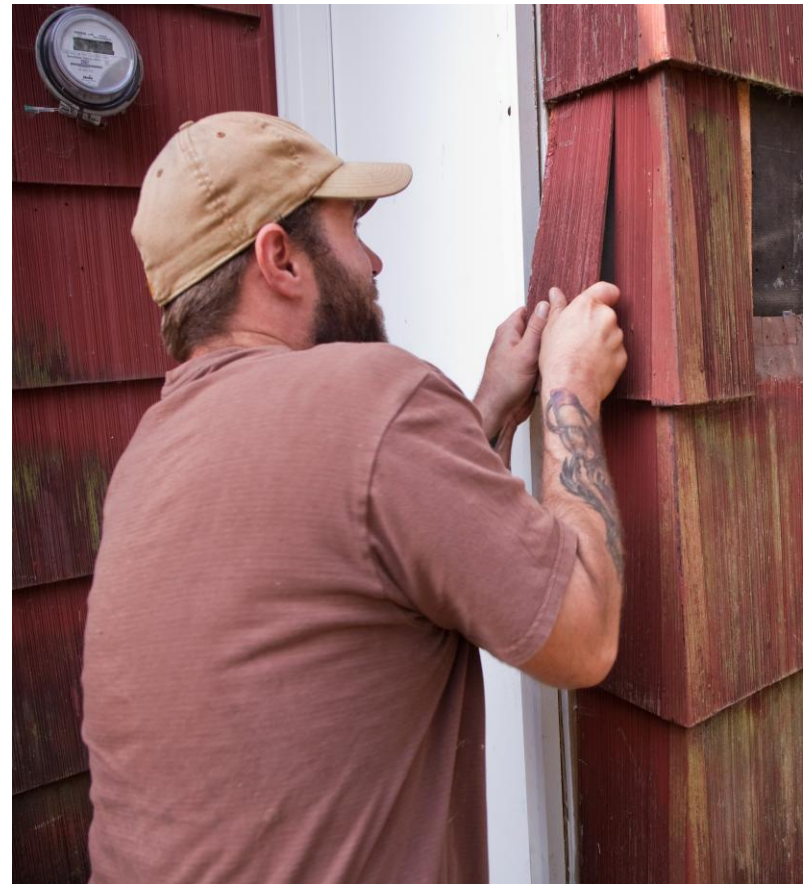


# Programs and Loans



# Weatherization Program

- Assisting homeowners for 30 years
- Income based
- Homeowners and renters may apply
- Services provided at no cost by 19 providers
- Strong history of performance



# Weatherization Program



- Benefits include:
  - Resident health and safety
  - Fire safety
  - Improves building stock
  - Invests in local communities
  - **Energy savings**

# Weatherization Program

Community of Atka on the Aleutian Islands

	Before 2009		After 2010
Gallons of Fuel Used	10,481		5,998
Dollars Spent	\$83,739		\$40,786

**43% Fuel savings from 13 homeowners**



# FY 2011 100% OF MEDIAN INCOME LIMITS FOR ALASKA

Effective May 31, 2011



Community Name	INCOME LIMIT - 1 PERSON	INCOME LIMIT - 2 PERSONS	INCOME LIMIT - 3 PERSONS	INCOME LIMIT - 4 PERSONS	INCOME LIMIT - 5 PERSONS	INCOME LIMIT - 6 PERSONS	INCOME LIMIT - 7 PERSONS	INCOME LIMIT - 8 PERSONS	EA ADDED FAMILY MEMBER
Anchorage Municipality Low Income Limit	58,800	67,200	75,600	84,000	90,800	97,500	104,200	110,900	6,720
Aleutians East Borough Low Income Limit	49,100	56,100	63,100	70,100	75,800	81,400	87,000	92,600	5,608
Aleutians West Census Low Income Limit	64,100	73,200	82,400	91,500	98,900	106,200	113,500	120,800	7,320
Bethel Census Area Low Income Limit	56,400	64,400	72,500	80,500	87,000	93,400	99,900	106,300	6,440
Bristol Bay Borough Low Income Limit	54,900	62,700	70,500	78,300	84,600	90,900	97,100	103,400	6,264
Denali Borough Low Income Limit	67,600	77,200	86,900	96,500					7,720
Dillingham Census Area Low Income Limit	49,100	56,100	63,100	70,100					5,608
Fairbanks North Star Borough Low Income Limit	56,500	64,500	72,600	80,600					6,448
Haines Borough Low Income Limit	49,100	56,100	63,000	70,100					5,608
Hoonah-Angoon Census Area Low Income Limit	49,100	56,100	63,100	70,100					5,608
Juneau Borough Low Income Limit	65,100	74,400	83,700	92,900					7,432
Kenai Peninsula Borough Low Income Limit	51,400	58,800	66,100	73,400	79,300	85,200	91,100	96,900	5,872
Ketchikan Gateway Borough Low Income Limit	53,900	61,600	69,300	77,000	83,200	89,400	95,500	101,700	6,160
Kodiak Island Borough Low Income Limit	52,100	59,500	66,900	74,300	80,200	86,200	92,200	98,100	5,944
Lake Peninsula Borough Low Income Limit	49,000	56,100	63,100	70,100					5,608
Matanuska-Susitna Borough Low Income Limit	55,600	63,500	71,400	79,300					6,344
Nome Census Area Low Income Limit	49,100	56,100	63,100	70,100					5,608
North Slope Borough Low Income Limit	56,500	64,600	72,700	80,700					6,456
Northwest Arctic Borough Low Income Limit	49,100	56,100	63,100	70,100					5,608
Petersburg Census Area Low Income Limit	52,800	60,400	67,900	75,400	81,500	87,500	93,500	99,600	6,032
Prince of Wales-Hyder Census Low Income Limit	49,100	56,100	63,100	70,100	75,800	81,400	87,000	92,600	5,608
Sitka City & Borough Low Income Limit	55,200	63,100	71,000	78,800	85,200	91,500	97,800	104,100	6,304
Skagway Municipality Low Income Limit	52,800	60,400	67,900	75,400	81,500	87,500	93,500	99,600	6,032
Southeast Fairbanks Census Area Low Income Limit	49,100	56,100	63,100	70,100	75,800	81,400	87,000	92,600	5,608
Valdez-Cordova Census Low Income Limit	53,500	61,200	68,800	76,400	82,600	88,700	94,800	100,900	6,112
Wade Hampton Census Area Low Income Limit	49,100	56,100	63,100	70,100	75,800	81,400	87,000	92,600	5,608
Wrangell City and Borough Census Area Low Income Limit	49,100	56,100	63,100	70,100	75,800	81,400	87,000	92,600	5,608
Yakutat City & Borough Low Income Limit	52,800	60,400	67,900	75,400	81,500	87,500	93,500	99,600	6,032
Yukon-Koyukuk Census Area Low Income Limit	49,100	56,100	63,100	70,100	75,800	81,400	87,000	92,600	5,608
2011 DOE Poverty Income Levels	25,080	33,860	42,640	51,420	60,200	68,980	77,760	86,540	9 8,780

\$58,800  
1 Person in  
Anchorage

\$25,080  
DOE Income Level

# Weatherization Program

Funding level prior to and after FY2008 appropriation

## Average Cost Per Unit

Urban

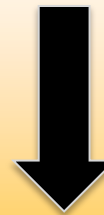
\$7,000



\$11,000

Rural

\$18,000



\$30,000

# Weatherization Program

Before

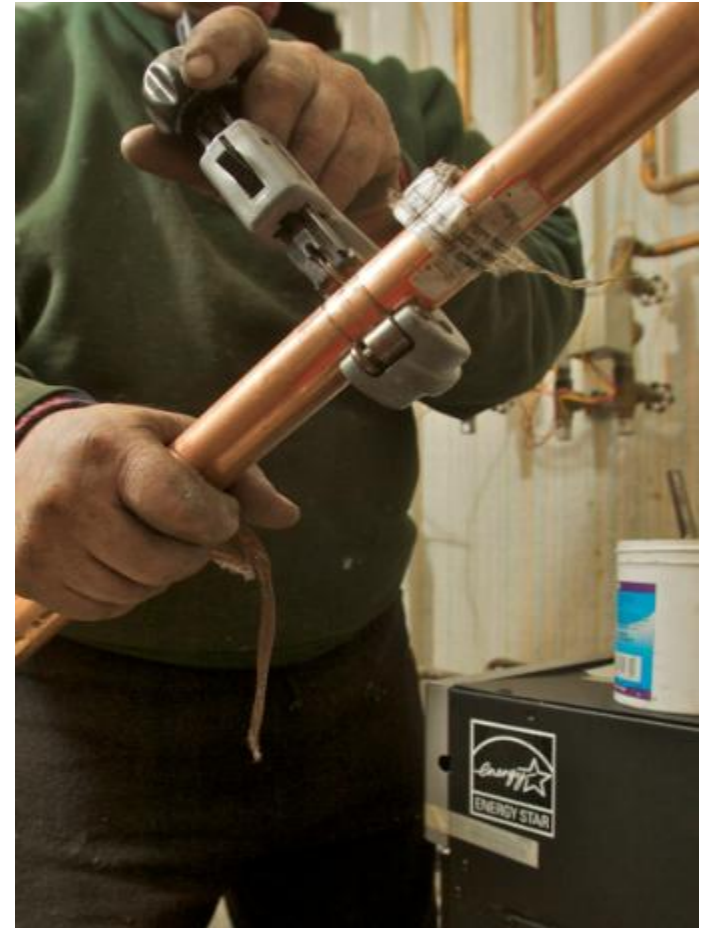


After



# Home Energy Rebate Program

- Open to all Alaskans
- No income requirements
- Owner-occupied, year-round residences
- Homeowners pay upfront and are then rebated
- “Before & After” energy ratings required



# Home Energy Rebate Program

## *Results*

April 2008 – Oct 20, 2011

- |            |                        |
|------------|------------------------|
| • Spent    | <b>\$125.6 million</b> |
| • Rebates  | <b>15,582</b>          |
| • As-Is    | <b>27,484</b>          |
| • 5+ Homes | <b>1,211</b>           |



# Home Energy Rebate Program

First Name\*

Middle Name

Last Name\*

**Physical Address**

Address 1\*

Address 2

City\*

Zip Code\*

**Mailing Address** ☐ Same as Physical Address

Address 1\*

Address 2

City\*

Zip Code\*

Primary Phone\* 907

Secondary Phone

Email Address

## ***Waitlist***

All communities

2,549

Anchorage

1,167

## ***Dispatched***

Total

35,653

Per week

125

# Home Energy Rebate Program

## *Savings*

	State
Average home energy savings	32.9%

Average home cost savings	\$1,347.59/year
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	Anchorage
Average home energy savings	34%

Average home cost savings	\$1,101.54/year
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# Second Mortgage for Energy Conservation

- Second mortgage up to \$30,000
- 15 Year Loan at the Taxable Rate
- Active Loans: **85**
- Loans Paid Off: **50**



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# 5 Star Plus New Home Rebate

**AHFC provides a \$7,500 rebate for new 5 Star Plus homes.**

- Not more than one year old at time of sale
- For original owner
- Must meet all AHFC property financing requirements
- 5 Star Plus energy rating

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# Energy Efficiency Interest Rate Reduction Program

- New homes or existing homes
- Interest rate applies to the first \$200,000 of the loan
- No access to natural gas and improve 4 steps = .750% reduction (existing homes)



# Alaska Energy Efficiency Revolving Loan Fund (AEERLF)

Energy efficiency improvements for:

- |                       |                       |
|-----------------------|-----------------------|
| -Schools              | -State facilities     |
| -University of Alaska | -Municipal facilities |

Guaranteed savings from energy efficiency improvements are used to pay off the loan

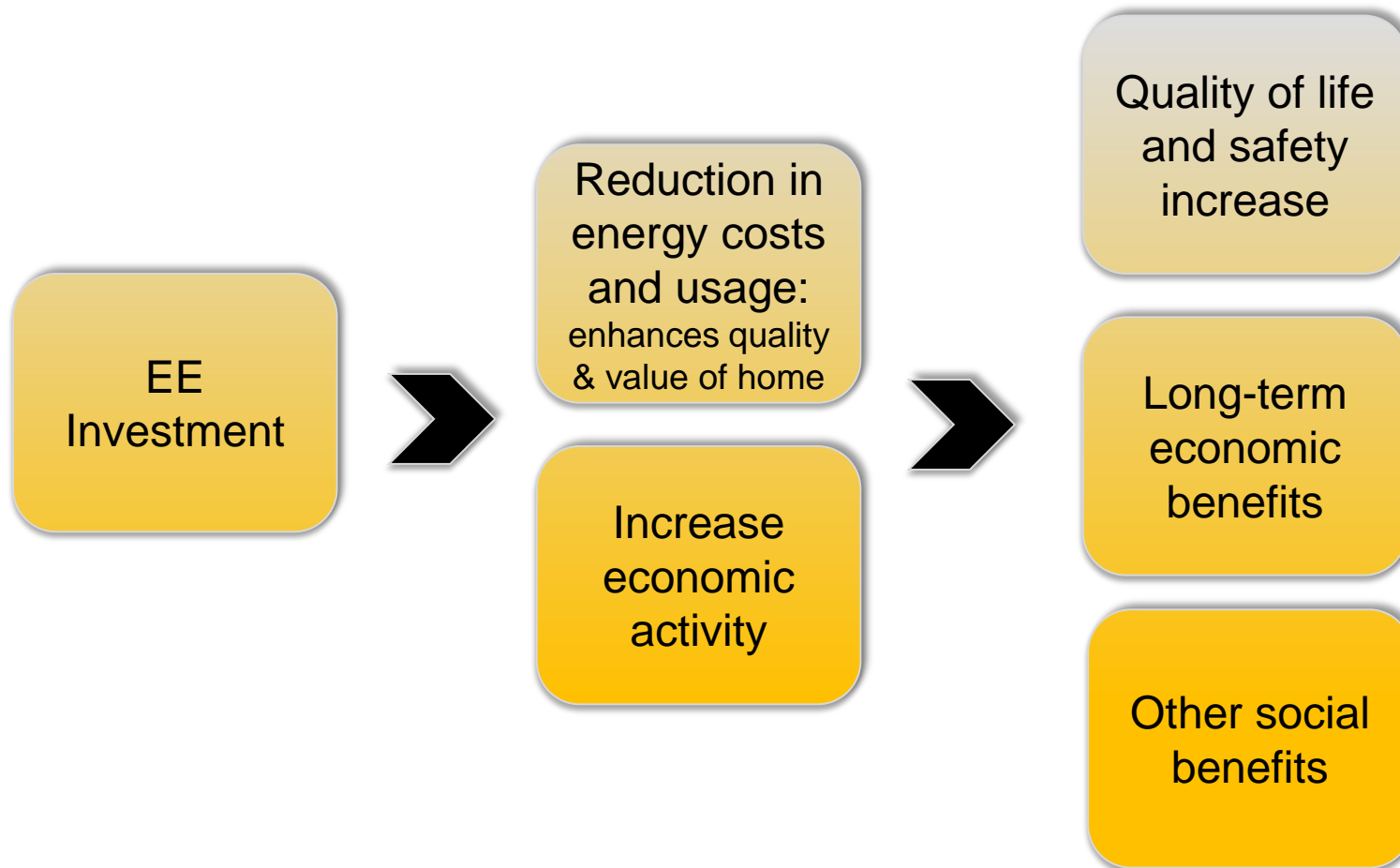


# Supplemental Housing Development Grant Program



- Established 1981 to supplement HUD Indian Housing Development funds
- Funds are used for:
  - Water and sewer facilities
  - Roads
  - Electrical systems
  - Energy efficiency measures
- Up to 90% local hire

# Energy Efficiency Benefits





**For 40 years, here when you need us.**

