

AHFC Energy Programs Update

Weatherization Program

- Assisting homeowners for 30 years
- Income based
- Homeowners and renters may apply
- Services provided at no cost by 17 providers
- Strong history of performance



Weatherization Program

Funding level prior to and after FY2008 appropriation

Average Expense Per Unit

Road & Marine Highway



Air only



FY 2012 100 % OF MEDIAN INCOME LIMITS FOR ALASKA

Effective
December 1,
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	59,700	69,900	76,700	85,200	92,100	98,000	105,000	111,700	6,768
Aleutians East Borough Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Aleutians West Census Low Income Limit	60,900	69,600	78,300	87,000	94,000	101,000	108,000	115,000	6,328
Bethel Census Area Low Income Limit	55,300	63,200	71,100	79,000	85,400	91,800	98,100	104,500	6,328
Bristol Bay Borough Low Income Limit	55,600	63,500	71,400	79,300	85,700	92,100	98,500	104,900	6,328
Denali Borough Low Income Limit	68,500	78,300	88,100	97,800	105,700	113,600	121,500	129,400	6,968
Dillingham Census Area Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Fairbanks North Star Borough Low Income Limit	59,300	67,700	76,200	84,600	91,400	98,200	105,000	111,700	6,768
Haines Borough Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Hoonah-Angoon Census Area Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Juneau Borough Low Income Limit	66,000	75,400	84,800	94,200	101,800	109,400	117,000	124,600	6,428
Kenai Peninsula Borough Low Income Limit	52,100	59,600	67,000	74,400	80,400	86,400	92,400	98,400	6,056
Ketchikan Gateway Borough Low Income Limit	54,600	62,400	70,200	78,000	84,300	90,600	96,900	103,200	6,328
Kodiak Island Borough Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Lake and Peninsula Borough Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Matanuska-Susitna Borough Low Income Limit	58,300	66,600	74,900	83,200	89,900	96,600	103,300	110,000	6,328
Nome Census Area Low Income Limit	50,100	57,200	64,400	71,500	77,300	83,100	88,900	94,700	6,056
North Slope Borough Low Income Limit	53,700	61,400	69,100	76,700	82,900	89,000	95,200	101,300	6,136
Northwest Arctic Borough Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Petersburg Census Area Low Income Limit	55,400	63,300	71,200	79,100	85,000	91,800	98,100	104,500	6,328
Prince of Wales-Hyder Census Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Sitka City & Borough Low Income Limit	53,000	60,600	68,200	75,700	81,800	87,900	93,900	100,000	6,056
Skagway Municipality Low Income Limit	55,400	63,300	71,200	79,100	85,500	91,800	98,100	104,500	6,328
Southeast Fairbanks Census Area Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Valdez-Cordova Census Low Income Limit	51,800	59,200	66,600	73,900	79,900	85,800	91,700	97,600	5,912
Wade Hampton Census Area Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Wrangell City and Borough Census Area Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
Yakutat City & Borough Low Income Limit	55,400	63,300	71,200	79,100	85,500	91,800	98,100	104,500	6,328
Yukon-Koyukuk Census Area Low Income Limit	49,800	56,900	64,000	71,100	76,800	82,500	88,200	93,900	5,688
2012 DOE Poverty Income Levels	25,080	33,860	42,640	51,420	60,200	68,980	77,760	86,540	8,780

\$59,700
1 Person in
Anchorage

\$25,080
DOE Income Level

Weatherization Program



Weatherization Program

State Funding Levels

SFY 2008 \$200 million

SFY 2011 \$64 million

Total \$264 million



Weatherization Program

Update

Current totals

December, 31 2011

Total expended

\$144.6m

Units complete

5,649

Projected totals

March 31, 2012

Total expended

\$164.2m

Total units complete

7,681

Projected totals

March 31, 2013

Total expended

\$245m

Total units complete

10,500

Weatherization Program



Benefits

- Resident health and safety
- Fire safety
- Improves building stock
- Job creation
- Invests in local communities
- **Energy Savings**

Home Energy Rebate Program

- Open to all Alaskans not participating in the Weatherization program
- No income requirements
- Owner-occupied, year-round residences
- Homeowners pay upfront and are then rebated
- “As-Is & Post” energy ratings



Home Energy Rebate Program

State Funding Levels

SFY 2008	\$100 million
SFY 2009	\$60 million
SFY 2011	\$37.5 million
Total	\$197.5 million



Home Energy Rebate Program

Results

April 2008 – Jan 30, 2012

➤ Rebates	16,098	\$102.6m
➤ As-Is	28,365	\$9.2m
➤ Post	16,158	\$2.8m
➤ 5 Star Plus	1,317	\$9.9m

Total Expended	\$130.5m
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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

1,746

Dispatch

500/month

Home Energy Rebate Program

Program Snapshot

Average Improvement Costs of 15,906 Homeowners

\$11,009 spent
-\$6,375 rebate
-\$325 As-Is
-\$175 Post

= **\$4,134** homeowner
investment

Home Energy Rebate Program

Savings

Average home energy savings

33 percent

Average home cost savings

\$1,297/year

Home Energy Rebate Program

Home Energy Rebate Program Statewide Annual Outcome Estimates as of 9/30/11

Estimates	Home Energy Rebate Program
Total Energy Savings	1,649,785 MMBTUs
Total CO2 Emissions Reduced	101,906 net tons
Average home energy savings	33%
Average home cost savings	\$1,297/year
Average Home Age	33.6 years
As is rating	2 Star Plus
Post rating	4 Star
Average increase in rating	3 Steps

5 Star Plus New Home Rebate

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

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

Rebates

Total Expended

1,317 rebates

\$9.9 million

Second Mortgage for Energy Conservation

- Second mortgage up to \$30,000
- 15 Year Loan at the Taxable Rate
- Active Loans: **77**
- Loans Paid Off: **59**



Alaska Energy Efficiency Revolving Loan Fund (AEERLF)

\$250m available for energy efficiency improvements for:

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

Savings from energy efficiency improvements are used to pay off the loan



Alaska Energy Efficiency Revolving Loan Fund (AEERLF)

- ☐ Benchmarked 1200+ facilities
- ☐ Over 300 Investment Grade Audits to be completed
- ☐ One loan application submitted to AHFC



Energy Efficiency Benefits



