

AHFC Weatherization Program**FY2013 Request: \$31,500,000****Reference No: 50683****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Les Campbell**Estimated Project Dates:** 07/01/2012 - 06/30/2017**Contact Phone:** (907)330-8356**Appropriation:** AHFC Energy Programs**Brief Summary and Statement of Need:**

The Weatherization Program utilizes Federal U. S. Department of Energy (DOE) and State General Funds (GF) funds to assist low and moderate income families attain decent, safe, and affordable housing through cost effective weatherization and rehabilitation of existing homes. Weatherization provides energy efficiency upgrades to homes using the latest building science tools to target heat loss areas and correct them. Installed measures must be cost effective. The program addresses health and safety through tune-ups for heating systems, electrical and chimney repairs, and woodstove improvements.

Funding:	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	Total
Fed Rcpts	\$1,500,000						\$1,500,000
Gen Fund	\$30,000,000						\$30,000,000
Total:	\$31,500,000	\$0	\$0	\$0	\$0	\$0	\$31,500,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Additional Information / Prior Funding History:

FY2012 - \$1,500,000 Federal and \$62,500,000 GF; FY2011 - \$3,000,000 Federal and \$1,000,000 AHFC Div; FY2010 - \$2,600,000 Federal; FY2009 - \$2,000,000 Federal ; FY2008 Supplemental \$200,000,000 GF; FY2008 - \$1,800,000 Federal and \$4,700,000 AHFC Div; FY2007 - \$1,800,000 Federal and \$4,200,000 AHFC Div; FY2006 - \$1,800,000 Federal and \$3,000,000 AHFC Div; FY2005 - \$1,837,500 Federal and \$2,231,500 Corporate; FY2004 - \$1,800,000 Federal and \$3,000,000 AHFC Div.

Project Description/Justification:**The purpose of the program is to:**

Provide cost-effective energy improvements to homes of low-income families.

The projected outcomes are:

- Reduce household operating costs of the resident;
- Improve resident health and safety;
- Improve durability and longevity of housing stock;
- Replace unsafe heating systems;

State of Alaska Capital Project Summary

FY2013 Governor

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Department of Revenue

Reference No: 50683

Released December 15th, 2011

- Install smoke detectors in homes;
- Install carbon monoxide detectors in homes.

Weatherization Program – Federal U. S. Department of Energy (DOE) and Alaska Housing Capital Corp (AHCC) funds to assist low- and moderate- income families attain decent, safe, and affordable housing through cost effective weatherization and rehabilitation of existing homes. Weatherization provides energy efficiency upgrades to homes using the latest building science tools to target heat loss areas and correct them. Installed measures must be cost effective. The program addresses health and safety through tune-ups for heating systems, electrical and chimney repairs, and woodstove improvements.

Program Description:

The Weatherization program utilizes DOE, Corporate funds, and State General Funds to assist families to attain decent, safe, efficient, and affordable housing through the weatherization and rehabilitation of existing homes. New funding levels are needed to continue this program at the current pace.

Weatherization provides services to the following:

- Approximately 70% of households contained either a senior citizen or a disabled person;
- 85% of the homes are owner occupied;
- 35% cent had children under the age of six;
- Many clients attended client education training that focused on long-term maintenance efforts as well as the effects of the weatherization work if successfully maintained;
- Weatherization addresses life-threatening, health, and safety issues in many homes.

Much of the older housing stock cannot maintain a minimally comfortable indoor temperature. Since April 2008 we have completed work on approximately 4,600 units expending over \$110,000,000 dollars. Program clients include elderly, disabled, or families with small children. Most of the families receiving services are 'working poor' and do not receive Public Assistance. With the extreme rise (up to 30%) in cost of materials and shipping to Alaska, the dollar invested does not stretch nearly as far. Increased funding has allowed priority measures to be implemented in homes as well as expanding services to a greater number of eligible participants.

Weatherization improves occupant health and safety through the replacement of unsafe heating systems and installation of carbon monoxide detectors. Carbon monoxide problems are resolved, fire safety threats alleviated, egress windows installed, handrails and steps repaired, and moisture and mold problems abated. Client health improves as toxins and asthma triggers are removed and ventilation issues are addressed. Technology has developed concurrently with the program and provides the foundation for improved approaches to new construction for arctic conditions.

Benefits of weatherization:

- Reduces overall fuel use / saves client's dollars;
- Contractors and crews are hired locally and receive training (wages spent locally);
- Materials are purchased from local Alaskan vendors;
- Helps keep people in their existing homes, reducing the need for public housing;
- Savings from fuel costs reinvested in local economy;

AHFC Weatherization Program

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- Client education on long-term operations and maintenance (O&M) required to maintain houses;
- Weatherization techniques improve building stock by addressing critical durability issues;
- Health and safety of residents are dramatically improved due to mitigation of problems in the home, i.e., rot, mildew; and helps in eliminating ice dams; and
- Egress windows, smoke alarms, and CO detectors are installed to protect families from fire and carbon monoxide poisoning.

AHFC's ability to properly diagnose and correct problems in existing housing stock through the Weatherization program helps provide a safe, clean environment to clients improving the overall quality of life and a better life for their families.

AHFC Energy Programs Update

Bob Breen

Don Anderson - weatherization

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

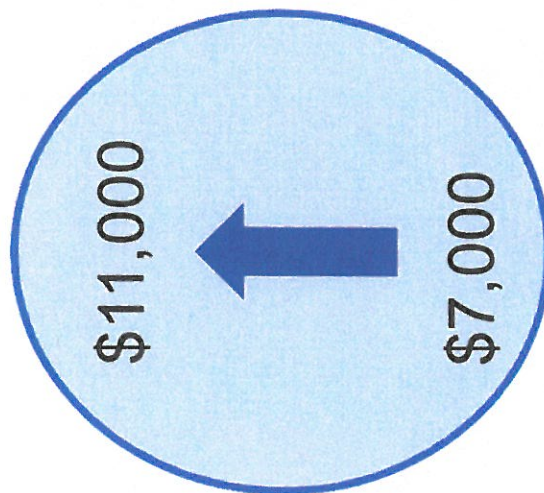


Weatherization Program

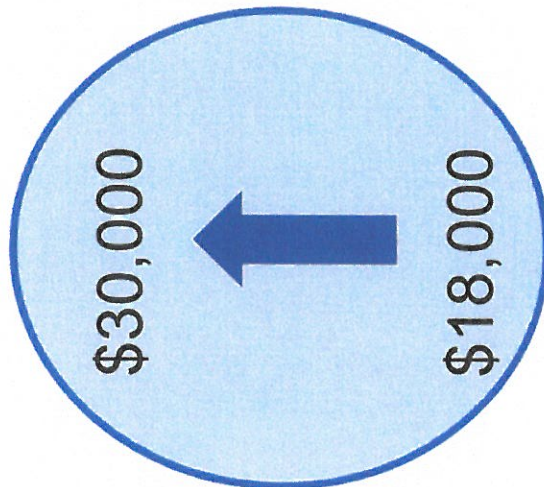
Funding level prior to and after FY2008 appropriation

Average Expense Per Unit

Road & Marine Highway



Air only



FY 2012 100 % OF MEDIAN INCOME LIMITS FOR ALASKA

Effective
December 1,
2011

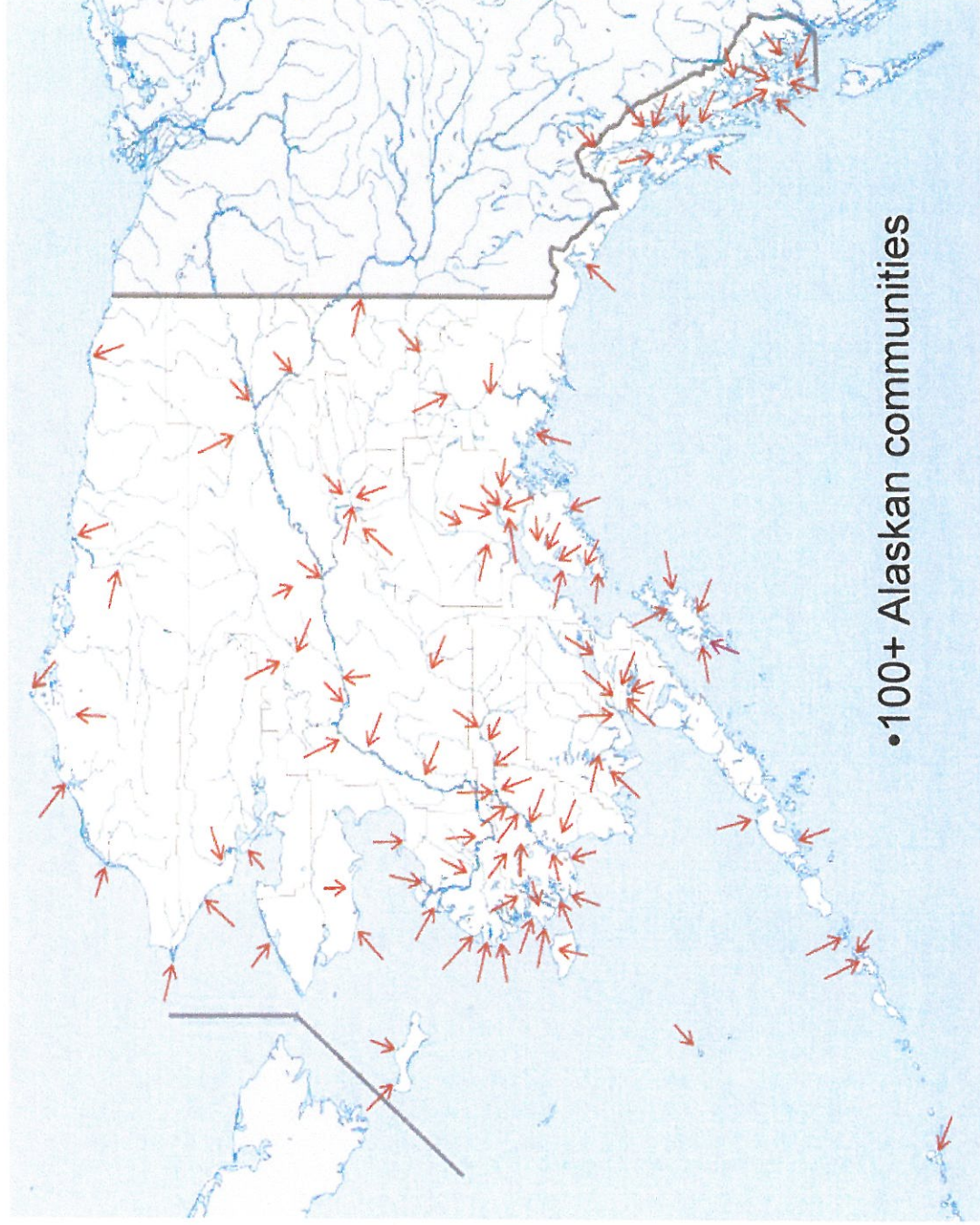
Community Name	INCOME LIMIT - 1 PERSON	INCOME LIMIT - 2 PERSONS	INCOME LIMIT - 3 PERSONS	INCOME LIMIT - 4 PERSONS	INCOME LIMIT - 5 PERSONS	INCOME LIMIT - 6 PERSONS	INCOME LIMIT - 7 PERSONS	INCOME LIMIT - 8 PERSONS	EA ADDED FAMILY MEMBER
Anchorage Municipality Low Income Limit	59,700	69,900	76,700	85,200	92,100	9			
Aleutians East Borough Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Aleutians West Census Low Income Limit	60,900	69,600	78,300	87,000	94,000	10			
Bethel Census Area Low Income Limit	55,300	63,200	71,100	79,000	85,400	9			
Bristol Bay Borough Low Income Limit	55,600	63,500	71,400	79,300	85,700	9			
Denali Borough Low Income Limit	68,500	78,300	88,100	97,800	105,700	11			
Dillingham Census Area Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Fairbanks North Star Borough Low Income Limit	59,300	67,700	76,200	84,600	91,400	9			
Haines Borough Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Hoonah-Angoon Census Area Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Juneau Borough Low Income Limit	66,000	75,400	84,800	94,200	101,800	10			
Kenai Peninsula Borough Low Income Limit	52,100	59,600	67,000	74,400	80,400	8			
Ketchikan Gateway Borough Low Income Limit	54,600	62,400	70,200	78,000	84,300	9			
Kodiak Island Borough Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Lake and Peninsula Borough Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Matanuska-Susitna Borough Low Income Limit	58,300	66,500	74,900	83,200	89,900	9			
Nome Census Area Low Income Limit	50,100	57,200	64,400	71,500	77,300	8			
North Slope Borough Low Income Limit	53,700	61,400	69,100	76,700	82,900	8			
Northwest Arctic Borough Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Petersburg Census Area Low Income Limit	55,400	63,300	71,200	79,100	85,500	9			
Prince of Wales-Hyder Census Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Sitka City & Borough Low Income Limit	53,000	60,600	68,200	75,700	81,800	8			
Skagway Municipality Low Income Limit	55,400	63,300	71,200	79,100	85,500	9			
Southeast Fairbanks Census Area Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Valdez-Cordova Census Low Income Limit	51,800	59,200	66,600	73,900	79,900	8			
Wade Hampton Census Area Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Wrangell City and Borough Census Area Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
Yakutat City & Borough Low Income Limit	55,400	63,300	71,200	79,100	85,500	9			
Yukon-Koyukuk Census Area Low Income Limit	49,800	56,900	64,000	71,100	78,200	8			
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

U's Dept. of Energy

Weatherization Program



•100+ Alaskan communities

Weatherization Program

State Funding Levels

SFY 2008	\$200 million
SFY 2011	\$64 million
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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**