
Accelerating Clean Energy Savings (ACES)

A Heat Pump Rebate Program Serving Coastal Communities from Metlakatla to Kodiak



Outline

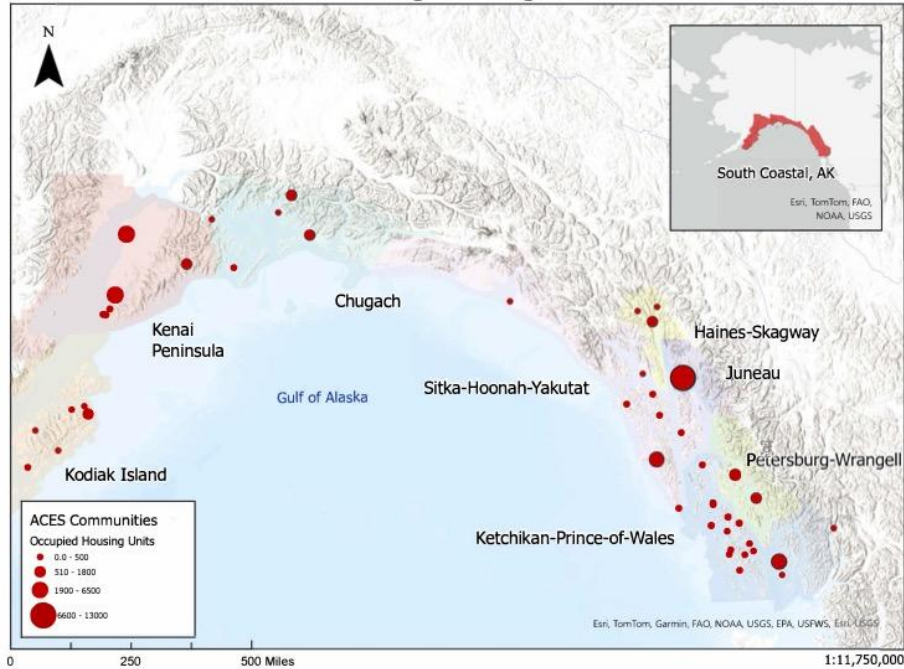
1. Program Overview
2. Contractor Information
3. Eligible Equipment Requirements
4. Rebates



What is ACES (Accelerating Clean Energy Savings)?

- \$38.6M 'Climate Pollution Reduction' grant from the Environmental Protection Agency
- Southeast Conference, grantee. Alaska Heat Smart (AHS), subawardee. Alaska Municipal League, subawardee.
- Financial rebate / assistance program available to homeowners and renters switching primary heating from fuel-based heating systems to heat pumps
 - Available in coastal communities from Metlakatla to Kodiak
 - Generous rebates available to qualified applicants to assist with the switch to energy efficient heat pumps
 - Oil, natural gas, propane, wood, pellets
- For residential buildings only

ACES Program Region



ACES Goals:

- 6,000 heat pump installations in 5 years
- Reduce home heating costs
- Dramatically reduce carbon emissions
- Expand the contractor workforce region-wide

ACES Process

Application

- Applicants complete ACES application
- Applicant home must be heated with a primary heating source of oil, natural gas, propane, wood, or pellets

Income Verification

- Applicants submit income docs or choose to self attest. Note that 50% of those who choose to self-attest will be selected for additional verification
- AHS verifies income and determines which rebate level the applicant will fall into

Home Energy Assessment

- Educates homeowners on home energy systems and heat pump options
- AHS energy advisors inform homeowners on costs, savings, and any existing home energy issues

Heat Pump Installation

- Applicants will hire installer and electrician
- Households with low income can choose to work with contractors managed by program or hire their own contractor

Rebate!

- Applicant submits reimbursement packet to confirm installation
- Southeast Conference sends check to the homeowner
- Households with low income that choose to work with contractors managed by program do not need to pay contractor directly

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ACES rebate recipients have the option to choose a contractor from the AHS Qualified Contractor List or a contractor who is not on the list. Contractors will need to complete forms in the reimbursement packet in order for their customers to receive the rebate.

If a contractor would like to be on the AHS Qualified Contractor List, the following is required:

- State of Alaska business license (and city business license, if applicable)
- Specialty contractor licenses
 - Heat pump installers: Mechanical Administrator, General Contractor, Residential Contractor, or Handyman Contractor License
 - Electrician: Electrical Administrator's License
- Certificate of Insurance
- Affirm that you have installed/wired 20+ heat pumps in the past 5 years
 - Include two references that can attest to successful installations
- EPA Section 608 Certificate, Type II or Universal (heat pump installers only)
 - One member of the installation team must have this certification

Documentation and questions can be sent to aces@akheatsmart.org.

Contractor Reporting Requirements

- Information that will be given to the homeowner/renter in their 'reimbursement packet':
 - Installation Checklist - to be filled out by the contractor
 - Invoice marked paid
- Homeowners/renters send the checklist, photos of the heat pump, and invoices to AHS to receive their rebate

Professional Heat Pump Installation

Request for Proposals

- Southeast Conference (SEC) is seeking proposals from qualified local contractors to provide and install residential energy-efficient heat pump systems in low-income households throughout the ACES region.
- Reach out to Jessie Huff, SEC Energy Program Manager, for more information at jessie@seconference.org.

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Eligible Equipment - ENERGY STAR Cold Climate Requirements

- HSPF2 ≥ 8.5 for HP Split Systems (Non-Ducted)
- HSPF2 ≥ 8.1 for HP Split Systems (Ducted)
- COP at 5°F ≥ 1.75
- Percent of heating capacity at 5°F $\geq 70\%$ of that at 47°F
- Output capacity that drops below 0°F
- Whole house surge protector or heat pump surge protector
- Drain pan heater
- Manufacturer's parts warranty

Air to water and ground source systems will need to be reviewed on a case-by-case basis by AHS to determine eligibility. Please submit equipment eligibility questions to aces@akheatsmart.org.

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\$4,000

Household income over 150% AMI

After applicant approval, installation process will be between applicant and contractors. AHS will not be involved with hiring contractors.

- Application
- Income verification
- Home Energy Assessment
- Heat Pump Installation
- AHS receives reimbursement packet
- Homeowner receives rebate

\$6,000

Household income between 80% and 150% AMI

After applicant approval, installation process will be between applicant and contractors. AHS will not be involved with hiring contractors.

- Application
- Income verification
- Home Energy Assessment
- Heat Pump Installation
- AHS receives reimbursement packet
- Homeowner receives rebate

\$8,500

Household income cap at or below 80% AMI

After application approval, AHS will work with applicant to choose contractors. Southeast Conference will handle contractor payments if the customer chooses to use a contractor managed by the program.

- Application
- Income verification
- Home Energy Assessment
- Heat Pump Installation
- AHS receives reimbursement packet
- Contractor receives payment
- Homeowner pays costs that exceed \$8,500

Questions

If you have any questions, please feel free to reach out to
aces@akheatsmart.org

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