





Alaska Energy Efficiency Partnership Meeting

January 15, 2025, 2pm-4pm | Microsoft Teams meeting

[Click here to join the meeting](#)

+1 907-313-5807,,244210900#

Phone Conference ID: 244 210 900#

Mission Statement: *To improve the coordination of efforts promoting the adoption of greater end-use energy efficiency measures and energy conservation behaviors in Alaska through information sharing and integrated planning so that Alaska may become the most energy-efficient state in the nation.*

AGENDA:

- I. **Welcome: (introductions in chat)**
- II. **Presentations:**
 - **2025 State Policy Update**, Chris Rose – Renewable Energy Alaska Project
 - **Intro to the Alaska Sustainable Energy Corporation**, Melanie Lucas-Conwell – Alaska Housing Finance Corporation
- III. **Project Updates:**
 - a. **Statewide/Federal organizations**
 - b. **Regional organizations**
 - c. **Upcoming Opportunities**

Order of project update slides:

- i. AEA
- ii. AHFC
- iii. Chugach Electric Association
- iv. REAP

Announcements/Events

April 22: Next Meeting. Location TBD.

Introducing the Alaska Sustainable Energy Corporation

2025.01.15 – Alaska Energy Efficiency Partnership

BACKGROUND

- Created by HB 273, signed into law by Governor Dunleavy on July 31, 2024
- Incorporated November 5, 2024 as a non-profit subsidiary of the Alaska Housing Finance Corporation
- Legislature appropriated operating funds and \$20M in federal receipt authority
- **Purpose:** Provide financing or facilitating the financing of sustainable energy developments or projects delivering energy to Alaska.
- **Focus:** Energy efficiency and renewable energy for residential buildings, commercial buildings, and community facilities in Alaska.

DEFINITION: SUSTAINABLE ENERGY DEVELOPMENT

- **Renewable energy generation** from sources that are continually replenished by nature, such as the sun, wind, water, or biological processes;
- **Building energy efficiency**, including switching to renewable fuels and electrification;
- **Electrical infrastructure** incorporating:
 - **Energy storage** to support **clean energy distribution**, including remote and non-remote microgrids and smart grid applications; or
 - Sustainable technologies, including **distributed generation**, advanced battery, and combined heat and power;
- **Clean transportation**, including:
 - Electric vehicles powered by batteries, hydrogen vehicles, plug-in hybrid electric vehicles, and other zero-emissions vehicles for consumers, businesses, government, and public transit; and
 - Electric vehicle charging and fueling infrastructure;
- Any greenhouse gas emissions reduction, energy efficiency, or zero-emission technology approved by the corporation.

WHY GREEN BANKS ARE INTERESTING

- Mission-driven institutions that focus on accelerating the transition to clean energy and improving access to clean energy projects.
- Use innovative financing tools, such as loans, equity investments, and green bonds, to support investment in clean energy infrastructure. Capital is eventually expected to be returned or repaid.
- Aimed at reducing the cost of clean energy developments and making capital more affordable and available to clean energy projects.
- Example techniques:
 - Credit enhancement
 - Aggregation and warehousing
 - Technical assistance
 - Co-investment
 - On-bill financing

ASEC POTENTIAL FUNDING SOURCES

- **National Clean Investment Fund (NCIF)**
 - [Climate United NEXT Grant](#): pre-development grant program (up to \$300,000) to help nonprofit organizations, state and local governments, tribes, and Institutions of Higher Education (IHE) accelerate early-stage clean energy projects through planning to project financing. **First round of grants will support projects in Native communities, deadline: January 24, 2025.** More rounds to follow.
 - [Coalition for Green Capital – ICLEI Municipal Investment Fund](#): CGC invites communities with populations less than 750,000 to develop market-building plans to finance clean energy projects. **Applications are due February 5th, 2025.**
 - [Coalition for Green Capital – RFP 1](#): rolling solicitation for clean energy projects \$50M+.
- **Clean Communities Investment Accelerator (CCIA)**
 - Mostly geared at CDFIs, credit unions, community lenders
- **Solar for All (SFA)**
 - Partner with AHFC and AEA

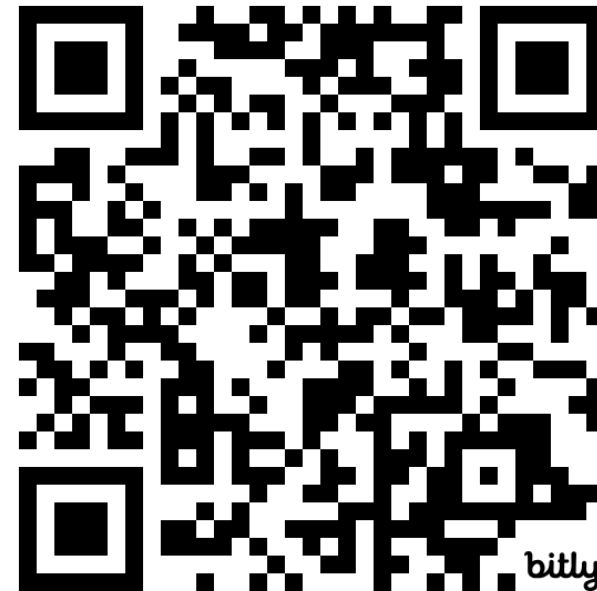
ASK: HELP INFORM ASEC'S DIRECTION

- Share your thoughts on financing sustainable energy projects in Alaska
 - <https://bit.ly/3PAdvWi> or scan:



STAY IN TOUCH!

- Melanie Lucas-Conwell
- mlucasconwell@ahfc.us
- 907.330.8270
- <https://ahfc.us/asec>
- <https://bit.ly/asec-news> or scan:



Alaska Energy Efficiency Partnership Webpage

- If you haven't already, sign up for and share our emailing list!
 - [Alaska Energy Authority > What We Do > Renewable Energy and Energy Efficiency Programs > Energy Efficiency & Conservation > Alaska Energy Efficiency Partnership \(akenergyauthority.org\)](https://akenergyauthority.org/What-We-Do/Renewable-Energy-and-Energy-Efficiency-Programs/Energy-Efficiency-&-Conservation/Alaska-Energy-Efficiency-Partnership)

Energy Efficiency List Server

- If you haven't already, sign up for and share our general efficiency emailing list!
 - Visit list.state.ak.us, scroll down until you find the listserve "aea.efficiency," click on it, and follow the subscription instructions.

FY25 State Energy Program (SEP)

- Awarded \$480,580.00. Split 50/50 with AHFC.
 - Program activities are ongoing.

Home Energy Rebates (HER) Programs – Early Admin funds

- Allocation amounts:
 - \$37,293,071.00 for HER – Efficiency Rebates
 - \$37,150,940.00 for HER – Electrification Rebates
- Early admin funds were awarded in June.
 - \$934,127.96 for HER – Efficiency Rebates. \$858,468.76 will be passed through to AHFC.
 - \$928,655.94 for HER – Electrification Rebates. \$852,996.74 will be passed through to AHFC.
- HER – Efficiency Rebates application was submitted for the remaining \$36,358,943.04 in December and awarded today, January 15, 2025.
- HER – Electrification Rebates application for the remaining \$36,222,284.06 is in final review. The application deadline is January 31, 2025.

Training for Residential Energy Contractors (TREC)

- Awarded \$1,296,870 in formula funds on January 6, 2025.

Training for Residential Energy Contractors (TREC) – Competitive

- Application for \$2,103,646 in TREC competitive grant funds with AHFC providing an additional \$52,350 in cost share submitted today, January 15, 2025.

AEA Update (continued)



Energy Efficiency and Conservation Block Grant (EECBG) & SEP BIL

- The nine RE-VEEP projects are ongoing.

Energy Efficiency Revolving Loan Fund application submitted to DOE

- Awarded \$4,782,480. \$4,400,551.00 will be passed through to AHFC.

Solar for All Grant

- AEA and its partner, AHFC, were selected for a \$62.45M award from the Environmental Protection Agency's (EPA) Solar for All program.
- Official Workplan approved and first amendment given in December.
- If you haven't already, sign up for and share our solar emailing list!
 - Visit list.state.ak.us, scroll down until you find the listserve "aea.solar," click on it, and follow the subscription instructions.

Energy Innovator Fellowship (EIF) Program

- AEA is applying to be a host institution again. The application deadline for host institutions is January 31, 2025.

Delivering Statewide Projects and Investments: AHFC Programs

**EE Partnership Meeting
1.15.25**



Introduction



MISSION
To provide Alaskans access to
safe, quality, affordable housing.



Alaska Housing Finance Corporation (AHFC) is a self-supporting public corporation with offices in 16 communities statewide. AHFC provides statewide financing for multi-family complexes and single-family homes with loan options for low- to moderate-income borrowers, veterans, teachers, nurses, public safety officers and those living in rural areas. AHFC provides energy efficiency programs, low-income rental assistance, and programs for those who are homeless and those seeking to become financially self-sufficient.

New Rebate Focused Landing Page

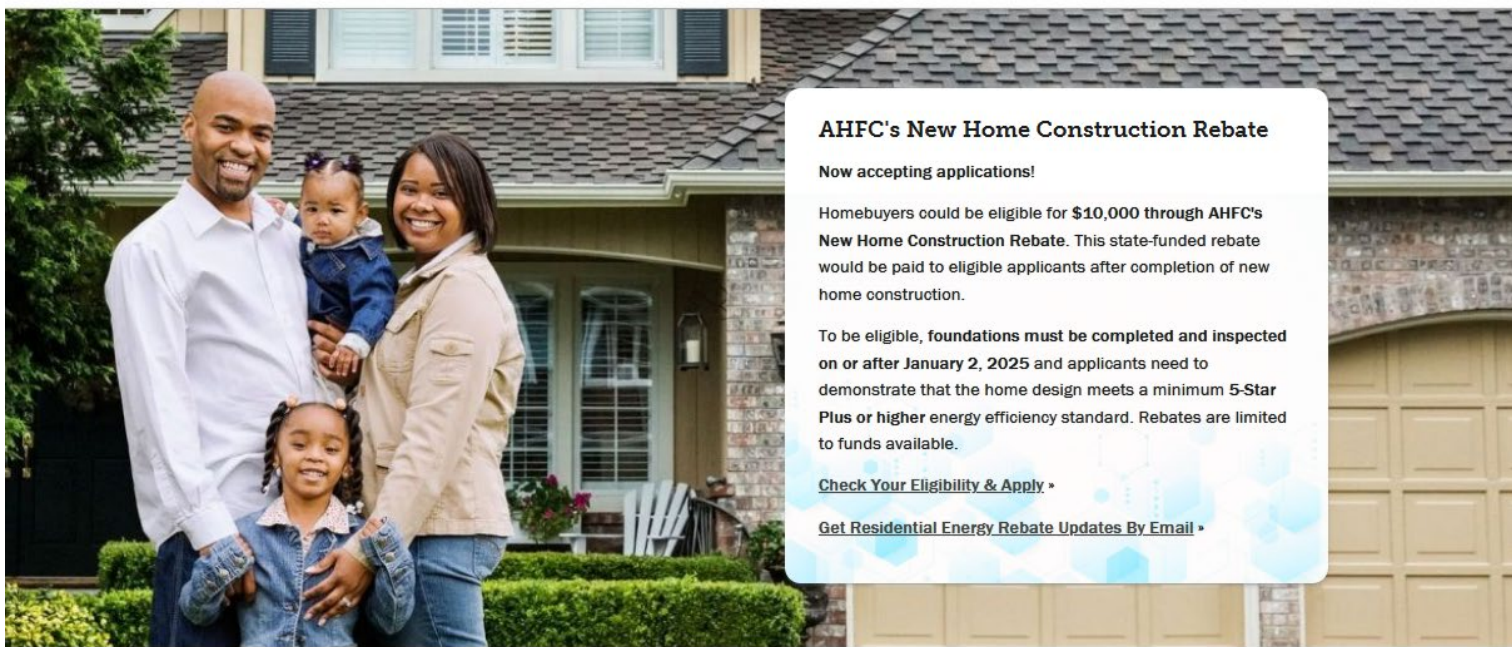


Alaskahousingenergy.us



Alaska Housing Energy

FOR APPLICANTS FOR BUILDERS & CONTRACTORS FOR ENERGY RATERS FOR LENDERS & PARTNERS

A photograph of a diverse family of four (father, mother, and two young children) standing in front of a modern, two-story house with a stone and brick facade and a large garage door. The family is smiling and looking towards the camera.

AHFC's New Home Construction Rebate

Now accepting applications!

Homebuyers could be eligible for \$10,000 through AHFC's New Home Construction Rebate. This state-funded rebate would be paid to eligible applicants after completion of new home construction.

To be eligible, foundations must be completed and inspected on or after January 2, 2025 and applicants need to demonstrate that the home design meets a minimum 5-Star Plus or higher energy efficiency standard. Rebates are limited to funds available.

[Check Your Eligibility & Apply »](#)

[Get Residential Energy Rebate Updates By Email »](#)

A small, circular inset image showing a close-up of a woman's face, smiling.

For Applicants

Now Accepting Applications!

New Rebate Focused Landing Page



Eligibility Checker | Log In | 

Power up an energy efficient home with AHFC's New Home Construction Rebate!

Building an energy efficient home is a smart investment — especially in Alaska. Homes that prioritize energy efficiency enhance overall comfort year round and can significantly reduce heating bills and utility costs.

AHFC's New Home Construction Rebate applies to new, single-family residential 1 to 4-unit construction homes that achieve a 5-Star Plus or higher energy rating. Are you eligible for this \$10,000 energy rebate?

Check your eligibility

☒ If you have an address for your new construction, enter it below

☐ If you do not have an address for your new construction, drop a pin in the map below

Physical address



Leaflet | © OpenStreetMap

New Home Construction Rebate



Funded by \$7 Million State appropriation to Alaska Housing Finance Corporation and intended to make more new housing available to Alaskans and relieve pressure on markets due to a lack of inventory.

- \$10,000 rebate available to eligible homebuyers in 2025
- Homes must meet AHFC 5-star plus energy standard
- Foundations must be poured after January 1, 2025
- AHFC home loan is not required to access the rebate.
- Launched January 2nd, 2025





Energy Efficiency NOW: Energy Performance Training February 11 - 12, 2025

This two day training provides an opportunity to learn, network and share information about energy efficiency in commercial and residential buildings through expert presentations and stakeholder dialogue.

Expert Presentations

Training highlights include a keynote address on thermodynamics by **Joe Lstiberuk**, a full-day Passive House workshop led by **Ken Levenson**, and a two-day National Association of Realtors Green Designation certification course presented by **Craig Foley**.

Who should come?

Architects, engineers, real estate professionals, appraisers, building owners, building managers and building maintenance will want to take advantage of this opportunity.

Sessions will cover

- Home systems,
- Heat pumps,
- Net zero homes,
- Cold climate construction,
- Energy Star and building/energy codes,
- and much more.

REGISTER!

Anchorage Marriott Downtown
820 West 7th Avenue
Anchorage, Alaska 99501

*Discounted room reservations link available at
ahfc.us/eenow-2025

Scan the QR code or visit
ahfc.us/eenow-2025
to register for EE Now.

Use discount code EARLYBIRD2025
for \$50 off registration before
February 1, 2025.



Tuesday, February 11				
8:00 a.m.	Registration			
8:30 a.m.	Welcome Jimmy Ord, Director of Research and Rural Development, AHFC			
9:00 a.m.	New AHFC Programs			
10:00 a.m.	Plenary Session: To Ventilate or Not to Ventilate: Shakespeare Does Ventilation* Joe Lstiberuk		NAR Green Designation, Part I* Craig Foley	2021 IECC Essentials Class I* International Code Council
11:50 a.m.	Lunch			
1:00 p.m.	AkWarm to Houserater Connor Dillon	Heat Pumps for Contractors* Paul Cotter	NAR Green Designation, Part II* Craig Foley	2021 IECC Essentials Class II* International Code Council
	Break			
3:10 p.m.	Heat Pumps for Raters* Paul Cotter	Building in Extreme Cold Climates* Joe Lstiberuk	NAR Green Designation, Part III* Craig Foley	2021 IECC Essentials Class III* International Code Council
5:00 p.m.	Adjourn			

* Continuing Education Units available

Rater track
Professional track
Real Estate track
ICC track

Register at ahfc.us/eenow2025 | efficiency@ahfc.us | 907-330-8252

Wednesday, February 12				
8:00 a.m.	Registration			
8:30 a.m.	Keynote Presentation Joe Lstiberuk			
10:00 a.m.	45L Overview and Eliibility Connor Dillon	Introduction to Passive House* Ken Levenson	NAR Green Designation* Craig Foley	2021 IRC Essentials, Class I* International Code Council
11:50 a.m.	Lunch			
1:00 p.m.	Methods of Analysis for Residential Structures, Part I* Paul Cotter	Passive House Design and Construction* Ken Levenson	NAR Green Designation* Craig Foley	2021 IRC Essentials, Class II* International Code Council
	Break			
3:10 p.m.	Methods of Analysis for Residential Structures, Part II* Paul Cotter	Passive House, Part III Ken Levenson	NAR Green Designation* Craig Foley	2021 IRC Essentials, Class III* International Code Council
5:00 p.m.	Adjourn			

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Professional track
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Register at ahfc.us/eenow2025 | efficiency@ahfc.us | 907-330-8252



THE PROJECT

- Chugach is developing a 500 kilowatt (kW) AC solar installation for community solar
- Located on E. 94th Avenue, a half mile south of the Dimond Center at Chugach's Retherford Substation
- Will include approximately 1,080 bifacial solar panels
- Each panel is expected to have a capacity of 585 watts, with an expected annual generation of approximately 535 kilowatt-hours (kWh)*
- Subscribers share the cost of the facility and the benefit of the energy generated
- The kWh of energy generated will be credited to subscribers' electric bill as if the panels were on the member's roof (net metered)
- Dollar credits on bill do not expire or otherwise revert to Chugach
- The cost of the subscription will depend on the total project cost*

MORE DETAILS

- Chugach received regulatory approval in February 2024
- Chugach issued a request for proposals in July 2024
- Chugach awarded Alaska Solar to build the solar facility in December 2024
- Construction completion is expected summer 2025
- Enrollment and program initiation is expected in 2025
- A lottery will be held if enrollments exceed solar capacity
- The project is expected to receive the federal Investment Tax Credit*
- All tax credit savings reduce subscription costs

*All project features are subject to final engineering report. Energy production fluctuate over time; projections listed will vary. Subscription cost, tax credit, and start date will be finalized in 2025.



Scan the QR
code to sign up
for program
announcements



Renewable Energy
Alaska Project

Updates from:

ANEEE

Energy Education

Energy Transition Initiative Partnership Project

Alaska Energy Efficiency Partnership Meeting

Jan. 15, 2025

Organizational Updates

We're hiring!

- Southeast-based Community Energy Educator
 - alaskarenewableenergy.org/reap-is-hiring-community-energy-educator/

We're kicking off new partnership programs!

- Serving as a regional partner for NREL's Community Microgrid Assistance Partnership (C-MAP)
 - Community applications open until Jan. 31:
www.energy.gov/oe/community-microgrid-assistance-partnership
- Serving as a navigator for NREL's Clean Energy Navigators Training & Regional Assistance (CENTRA) pilot program
- Facilitating a virtual rural energy learning cohort in partnership with the Northwest Environmental Justice Center, beginning in summer 2025



Alaska Network for Energy Education & Employment (ANEEEE) Updates



Photo by Bethany Goodrich/Sustainable Southeast Partnership

- Alaska Energy Training Group met last month for weatherization and energy rater training. Key takeaways are [on REAP's website](#)
- Next Alaska Energy Training Group meeting
- WRISE Alaska coffee meetup Feb. 5 at 8am, open to all!

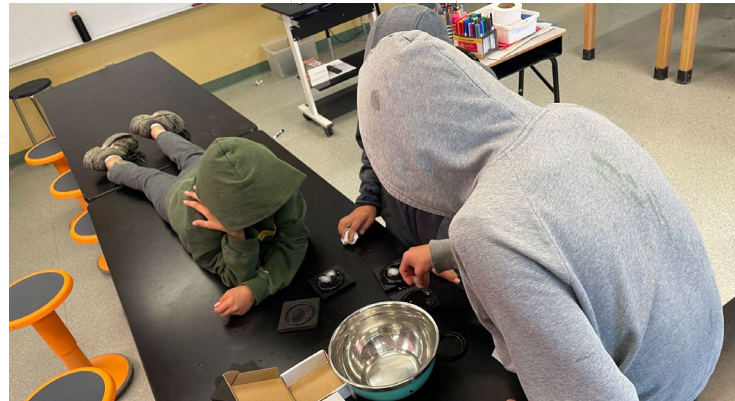
Education/AK EnergySmart Updates

- Power Pledge Challenge wrapped up
 - More than 2,000 students reached
- Started Basics of Sustainable Energy Class with KCA
- Clean Energy Olympics coming up March 29
- March teacher training
- Clay retiring at the end of February :(



State Power Pledge Champs
tour the Bethel power plant

Thermal conduction
lab in Brevig
Mission





ETIPP Update

Energy Transitions Initiative Partnership Project

Community Energy Planning Track

- Native Village of Kotzebue
 - Defining community energy priorities/IPP
- Native Village of Kotlik
 - Solar focus
- Native Village of Scammon Bay
 - Wind focus

Technical Assistance Track

- Juneau: AEL&P
 - Heat pumps & EV charging in multi-family and low income residences
- Galena: SEGA
 - Heat recovery
- Organized Village of Saxman
 - Defining community energy priorities