

# Wells Fargo VEEP Outdoor Lighting

- \$1,000,000 from Wells Fargo Foundation
  - \$200,000 AEA Match
  - Minimum 20% Community Match
  - 46 Successful Applicants
  - Project Total ~\$1.5 M
- Original project September 2019 – September 2020 (current request to September 2022)
  - Delays due to Covid related manufacturing delays, shipping and travel.
  - 35 projects completed to date.
  - 1,119 lights replaced
  - 506,714 kWh saved (over 60% reduction!)
  - An average of \$0.4356 (range \$0.19 - \$0.86)
  - An annual savings of \$220,740.73 (based on average total kWh)



# Denali Commission VEEP

- Funding to continue the Wells Fargo Outdoor Lighting Retrofits
- 20% community match required
- Project Total ~\$539,400
- 17 grants awarded in October 2020, work must be completed September 2022.
- Two sites are complete, one site is reporting savings:
  - 28 bulbs replaced
  - 13,736 kWh saved annually
  - \$14,540.59 savings at \$1.05/kWh

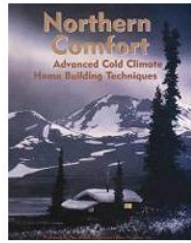
# Village Energy Efficiency Program

- AEA received funding from Denali Commission to perform a traditional VEEP solicitation
  - Eligible projects include: building audit, thermal envelope, heating, air conditioning and/or ventilation systems, lighting, motors, pumps, water heaters, heat trace, control equipment, exit signs, refrigeration, appliances, and other electrical loads. Public facility upgrades such as street or trail lightings, and energy conservation measures.
- Request for Application and documents are being prepared – estimate December 2021 release.
- Expect to be able to fund 3-5 projects.
- 30% match will be required.

# EVs

- RCA Order – EVSE not public utilities, allow for filing of tariffs for DCFC rate
- Homer site installed, Cantwell nearly installed
- Interagency collaboration/policy considerations
- Infrastructure Bill
- Meeting Tuesday, November 16<sup>th</sup> 10am-12pm

Building Manual(s)



ICC Inspector Training



Building Monitoring (BMON)



Energy Rater Summit



New Energy Rater Training



Housing Assessment

# Rural Energy Program



ALASKA NATIVE  
TRIBAL HEALTH  
CONSORTIUM

- **New stuff:**
  - ANTHC is now a member of the Railbelt Reliability Council Implementation Committee
  - Heat recovery expansion in Shungnak (AEA)
  - Clean energy heating system assessment & optimization:
    - 10 communities (Denali Commission / USDA)
- **Remote monitoring (<https://anthc.bmon.org/>):**
  - LoraWAN gateways: other orgs can use the system
  - BTU meters at all heat recovery end-users + automated reports
- **Technical Assistance: DOE-OIE & Denali Commission**
  - Available for tribal entities at no-cost; easy application
  - Strategic energy planning, energy audits, feasibility studies, etc.
- **Energy Efficiency for Sanitation Systems (Denali C, USDA)**
  - Active projects in 33 communities in various stages
- **Active Heat Recovery Projects (DOE, AEA, USDA, HUD)**
  - Koyuk, Shishmaref, Teller, Togiak, Toksook Bay



# REAP Energy Ed Update

- Power Pledge Challenge:
  - 900+ students reached with presentations so far
  - 40 teachers signed up
  - September and October winners selected
- Distance teacher training this week: 25 teachers signed up
- AK EnergySmart Website & curriculum update completed
- Clean Energy Olympics upcoming in the spring
- Adult Education workshops
- REAP Speaker Series recordings available on YouTube; Tidal Energy webinar 11/17 noon-1pm
- Contact Colleen for more info on REAP energy ed work: [education@realaska.org](mailto:education@realaska.org)

# Energy Audit & Renewable Energy Development Assistance Grant (EA/REDA)



## Southwest Alaska Municipal Conference (SWAMC) Energy Audit & Grant Support Program

**Who:** Small businesses in Alaska (excluding the Municipality of Anchorage)

**What:** Energy audits for business properties: offices, stores, hotels, warehouses, commercial fishing boats, & more

**Why:** Increase energy independence in the private sector by cutting up-front expenses for

**Energy audits (75% discount) & Efficiency upgrades (25% reimbursement)**

## Funder & Timeline

USDA Rural Development  
April 2018 – April 2022

## Project Website:

[swamc.org/2021-programs/energy-audit](http://swamc.org/2021-programs/energy-audit)



Southwest Alaska  
Municipal  
Conference - SWAMC

## Project Manager:

Laura Vaught, SWAMC  
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**\$330,000** awarded (as of Oct. 2021)

**81**

audits  
completed

**5**

audits in  
progress

**27**

REAP  
awards

