



## QUICK FACTS

Connecting communities with energy saving resources

Working closely in partnership with AHFC

The cheapest kWh and Btu are the ones not used

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REDUCING THE COST  
OF ENERGY IN ALASKA  
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# ENERGY TECHNOLOGIES: END-USE EFFICIENCY

## CURRENT STATUS

AEA is continuing to coordinate multi-party technical assistance (TA) provided to Community Energy Champions (CECs), the 64 communities that signed an energy efficiency pledge in phase one of the Remote Alaska Communities Energy Efficiency (RACEE) competition in winter 2016 and that now make up the RACEE Peer Network. A new approach to TA has been submitted to the RACEE funders to continue TA in the seven Phase III sites that did receive construction funding. This assistance will, in some cases, include a site visit and installation of building monitoring systems. Monthly calls will be scheduled with the building operator for at least one year to examine the buildings operation and recommendation for improvement. This will produce energy data that can be used for the final RACEE program report – did these communities meet the 15% by 2020 pledge made in Phase I? The final event for RACEE is expected to take place in 2020. This event is intended to be a peer networking opportunity with a focus on exploring best practices in the delivery of community-scale energy efficiency in remote communities.

AEA received an \$80,000 grant from USDA Rural Development to provide energy audits to owners of non-residential buildings in most of Alaska. AEA is currently accepting applications from interested building owners; audits must be completed by Summer 2019.

AEA was recently awarded a grant from the Department of Energy to support Property Assessed Clean Energy in commercial buildings (C-PACE) efforts in Alaska. AEA continues to provide technical support and stakeholder coordination in efforts to stand up a statewide program in Alaska's largest communities. While program planning slowed in 2018, AEA is back in the driver's seat and things are moving at a rapid pace. In March the C-PACE Advisory Group met twice. A request for proposals will be released in late spring to survey building owners and operators to better understand their needs from PACE. There is strong support across the state to work together toward uniform program parameters and the creation of a statewide administrator.

Each fall AEA participates and supports the power pledge challenge in middle school science classrooms throughout Alaska. The objective is to teach students about energy efficiency and conservation and encourage them to use energy wisely at home and school. Participating classes will receive an interactive classroom visit on energy efficiency and conservation by a Pledge Partner. Students who complete a simple online energy pledge enter their class to win prize. In 2018, more than 3000 students in 128 classrooms were reached. Planning for the 2019 program kicks off in April.

## PROGRAM OVERVIEW

AEA's Energy Efficiency and Conservation (EE&C) program is working to achieve the State's 15 percent by 2020 energy efficiency goal through a variety of means. Initiatives include the RACEE competition, C-PACE implementation coordination and technical assistance, the Village Energy Efficiency Program, Commercial Building Energy Audits, industrial audit toolkit, statewide outreach, and technical assistance with regional and community level energy efficiency planning and implementation. AEA also manages the State Energy Program (SEP) federal funds for Alaska, sharing revenue 50/50 with the Alaska Housing Finance Corporation (AHFC).

## ONGOING PARTNERSHIPS

Stakeholder engagement is managed through the Alaska Energy Efficiency Partnership. The Partnership has more than 70 member organizations and creates opportunity for collaboration and synergy among statewide stakeholders.