

Alaska Energy Authority - Alternative Energy and Energy Efficiency Programs

FY2017 Request: \$1,200,000
Reference No: 49735

AP/AL: Appropriation

Project Type: Energy

Category: Development

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Sara Fisher-Goad

Estimated Project Dates: 07/01/2016 - 06/30/2021

Contact Phone: (907)771-3000

Brief Summary and Statement of Need:

This project is for the development of alternative energy research and development, resource assessments, regulatory and permitting issues, outreach and stakeholder involvement for alternative energy programs. Funding will be used to meet a minimum 20 percent match that is required for federal funding. The Alternative Energy and Energy Efficiency Programs are critical to the development of cost effective and technically effective Renewable Energy, Alternative Energy and energy efficiency projects. These funds are also used as a match for federal awards in conjunction with AEA's role as the Statewide Energy Office.

Funding:	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Total
1002 Fed Rcpts	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000
1004 Gen Fund	\$200,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,200,000
Total:	\$1,200,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$11,200,000

<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	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec1 Ch16 SLA2013 P4 L11 SB18 \$2,000,000

Sec1 Ch17 SLA2012 P6 L3 SB160 \$4,800,000

Project Description/Justification:

The Alternative Energy and Energy Efficiency (AEEE) Program provides two core functions: 1) advancing renewable energy and alternative energy fields in Alaska; and 2) providing energy efficiency and conservation programs.

This project will fund the continued development of alternative energy fields specific to Alaska, such as the continued rapid development of woody biomass as a heating fuel source, the improved development and integration of wind energy, the wind meteorological tower loan program, initial hydroelectric resource studies for high energy cost areas of the state, improved methods of heat recovery from diesel generators, and the development of geothermal, hydrokinetic, solar, peat, coal and other renewable and local alternative energy sources. The alternative energy work conducted

Alaska Energy Authority - Alternative Energy and Energy Efficiency Programs

FY2017 Request: \$1,200,000
Reference No: 49735

with these funds strongly supports the success of the Renewable Energy Fund, assures quality development of these resources, and supports achieving the 50% renewable energy goal. Program funds are critical to the development of cost effective and technically effective renewable energy and alternative energy projects. This funding is also used to match federal awards.

AEA coordinates closely with Alaska Housing Finance Corporation, Division of Natural Resources, Division of Forestry, Department of Environmental Conservation, Division of Economic Development, University of Alaska, Alaska Center for Energy and Power, Institute of Social and Economic Research, U.S. Army Corps of Engineers, Department of Energy, National Renewable Energy Lab, U.S. Department of Agriculture, the Denali Commission, and many others on the successful advancement of AEEE projects. Coordination is different for each agency, but often takes place through energy technology specific working groups.