Energy Efficiency Revolving Loan Fund Capitalization Grant Program – Funding Allocations by State, Identification of Priority States, and Allocation Formula

Total 40502 Funding Allocation by State (Alphabetical Order)

Highlighted states indicate priority state

Alabama	$8,017,300
Alaska	$4,569,780
American Samoa	$544,210
Arizona	$1,660,180
Arkansas	$6,391,870
California	$6,595,810
Colorado	$1,602,890
Connecticut	$1,247,230
Delaware	$729,270
District of Columbia	$4,431,790
Florida	$3,803,700
Georgia	$2,413,600
Guam	$561,950
Hawaii	$756,900
Idaho	$885,100
Illinois	$15,305,750
Indiana	$9,569,310
Iowa	$6,766,360
Kansas	$6,415,220
Kentucky	$7,719,310
Louisiana	$8,842,900
Maine	$845,120
Maryland	$1,657,710
Massachusetts	$1,865,970
Michigan	$12,773,690
Minnesota	$1,854,610
Mississippi	$1,177,910
Missouri	$9,149,840

Montana	$4,884,800
Nebraska	$5,600,420
Nevada	$1,021,660
New Hampshire	$813,450
New Jersey	$2,349,120
New Mexico	$5,440,860
New York	$4,345,430
North Carolina	$2,358,830
North Dakota	$4,641,870
Northern Marianas	$541,760
Ohio	$3,202,320
Oklahoma	$7,266,050
Oregon	$1,300,570
Pennsylvania	$3,306,830
Puerto Rico	$1,050,860
Rhode Island	$746,060
South Carolina	$1,518,370
South Dakota	$4,650,600
Tennessee	$9,623,010
Texas	$22,250,630
U.S. Virgin Islands	$561,250
Utah	$1,109,810
Vermont	$674,070
Virginia	$10,932,870
Washington	$1,862,600
West Virginia	$5,433,380
Wisconsin	$1,881,930
Wyoming	$4,475,310

Identification of Priority States

Section 40501 of the Infrastructure Investment and Jobs Act (IIJA) defines a priority state as:

> *"Among the 15 States with the highest per-capita combined residential and commercial sector energy consumption, as most recently reported by the Energy Information Administration;* ***OR*** *among the 15 States with highest annual per-capita energy-related carbon emissions by State, as most recently reported by the Energy Information Administration."*

A state that meets either definition is a priority state. Per capita residential and commercial sector energy consumption data are sourced from the Energy Information Administration's State Energy Data System, *Total Energy Consumption Estimates per Capita by End-Use Sector, Ranked by State, 2019* (Table C14).[1] Per capita energy-related carbon emissions data are sourced from the Energy Information Administration's Environment Data, *Per Capita Energy-Related Carbon Dioxide Emissions by State, 2019* (Table 4). Based on the above data sources, there are seven states that appear on both lists for a total of 22 priority states and the District of Columbia.

Funding Allocation Formula

Section 40502 of the IIJA specifies that 40 percent of the funding go to states that are eligible for funding under the State Energy Program, in accordance with the allocation formula in 10 CFR 420.11. All states, territories, and the District of Columbia receive funding under the 40 percent "base" funding.

Additionally, section 40502 of the IIJA specifies that 60 percent supplemental shall go to priority states in accordance with a formula determined by the Secretary. The supplemental funding allocation formula is as follows:

Step 1

- 50% allocated based on equal distribution for each priority state
- 25% allocated based on number of households above each state's average energy burden[2]
- 25% allocated based on each state's number of small businesses[3]

Step 2

- Any state with an excess of $15 million in supplemental funding under the step 1 calculation receives a maximum of $15 million in supplemental funding as required in statute, and all funds exceeding the $15 million maximum are reallocated to the remaining states and District of Columbia according to the formula outlined in step 1.

[1] Only per capita residential and commercial sector energy consumption are considered in determining Priority States (industrial and transportation energy consumption are excluded).
[2] Data is sourced from DOE's *Low-Income Energy Affordability Tool* available online at: Low-Income Energy Affordability Data (LEAD) Tool | Department of Energy.
[3] Data is sourced from the Small Business Administration's *Small Business Profiles for the States, District of Columbia, and the U.S.* (2021) available online at: 2021 Small Business Profiles For The States, The District of Columbia, and The U.S. – SBA's Office of Advocacy.

OMB Number: 4040-004
Expiration Date: 10/31/2019

APPLICATION FOR FEDERAL ASSISTANCE SF-424

Version 02

1. Type of Submission: ☐ Preapplication ☒ Application ☐ Changed/Corrected Application	2. Type of Application: ☒ New ☐ Continuation ☐ Revision If Revision, select appropriate letter(s) Other (specify):
3. Date Received	4. Applicant Identifier: Alaska Energy Authority
5a. Fed Entity Identifier:	5b. Federal Award Identifier: DE-EE0010323

State Use Only:

6. Date Received by State:	7. State Application Identifier:

8. APPLICANT INFORMATION:

a. Legal Name: Alaska Energy Authority

b. Employer/Taxpayer Identification Number (EIN/TIN):	c. UEI: F3N8ZSHJXUH8

d. Address:

Street 1: 813 W Northern Lights Blvd

Street 2:

City: Anchorage

County: ANCHORAGE Municipality

State: AK

Province:

Country: U.S.A.

Zip / Postal Code: 995032407

e. Organizational Unit:

Department Name: Commerce, Community, and Economic Development	Division Name: State of Alaska

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

First Name:

Middle Name:

Last Name:

Suffix:

Title:

Organizational Affiliation:

Telephone Number:

Fax Number:

Email:

APPLICATION FOR FEDERAL ASSISTANCE SF-424

Version 02

9. Type of Applicant:

A State Government

10. Name of Federal Agency:

U. S. Department of Energy

11. Catalog of Federal Domestic Assistance Number:

81.041

CFDA Title:

State Energy Program: Energy Efficiency Revolving Loan Fund

12. Funding Opportunity Number:

DE-RLF-0002022

Title:

2022 SEP Energy Efficiency Revolving Loan Fund

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Statewide

15. Descriptive Title of Applicant's Project:

BIL - Section 40502 - State Energy Program (SEP) Energy Efficiency Revolving Loan Fund Capitalization Grant Program

OMB Number: 4040-004
Expiration Date: 10/31/2019

APPLICATION FOR FEDERAL ASSISTANCE SF-424

Version 02

16.Congressional District Of:

a. Applicant: Alaska At-Large Congressional District

b. Program/Project: AK-00

Attach an additional list of Program/Project Congressional Districts if needed:

17. Proposed Project:

a. Start Date: 08/01/2023

b. End Date: 08/01/2028

18. Estimated Funding ($):

a. Federal	4,569,780.00
b. Applicant	0.00
c. State	0.00
d. Local	0.00
e. Other	0.00
f. Program Income	0.00
g. TOTAL	4,569,780.00

19. Is Application subject to Review By State Under Executive Order 12372 Process?:

☐ a. This application was made available to the State under the Executive Order 12372 Process for review

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372

20. Is the applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation)

No

21. By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to**

☑ I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency

Authorized Representative:

Prefix: Mr

First Name: Curtis

Middle Name:

Last Name: Thayer

Suffix:

Title: Executive Director, Alaska Energy Authority

Telephone Number: 9077713000

Fax Number: 9077713044

Email: cthayer@akenergyauthority.org

Signature of Authorized Representative:

Date Signed: 5/18/23

Authorized for Local Reproduction

Standard Form 424 (Revised 10/2005)
Prescribed by OMB Circular A-102

OMB Approval No. 0348-0044

BUDGET INFORMATION - Non-Construction Programs

1. Program/Project Identification No. EE0010323	2. Program/Project Title State Energy Program: Energy Efficiency Revolving Loan Fund	
3. Name and Address	Alaska Energy Authority 813 W Northern Lights Blvd Anchorage, AK 995032407	4. Program/Project Start Date 08/01/2023 5. Completion Date 08/01/2028

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Federal	81.041	$ 0.00		$ 4,569,780.00		$ 4,569,780.00
2.						
3.						
4.						
5. TOTAL		$ 0.00	$ 0.00	$ 4,569,780.00	$ 0.00	$ 4,569,780.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	Grant Program, Function or Activity				Total
	(1) DOE	(2)	(3)	(4)	(5)
a. Personnel	$ 82,580.00				$ 82,580.00
b. Fringe Benefits	$ 0.00				$ 0.00
c. Travel	$ 0.00				$ 0.00
d. Equipment	$ 0.00				$ 0.00
e. Supplies	$ 0.00				$ 0.00
f. Contract	$ 4,476,442.00				$ 4,476,442.00
g. Construction	$ 0.00				$ 0.00
h. Other Direct Costs	$ 0.00				$ 0.00
i. Total Direct Charges	$ 4,559,022.00				$ 4,559,022.00
j. Indirect Costs	$ 10,758.00				$ 10,758.00
k. Totals	$ 4,569,780.00				$ 4,569,780.00
7. Program Income	$ 0.00				$ 0.00

U.S. DEPARTMENT OF ENERGY

BUDGET JUSTIFICATION FOR FORMULA GRANTS

Applicant: Alaska Energy Authority
Award number: EE0010323

Budget period: 08/01/2023 - 08/01/2028

1. PERSONNEL - Prime Applicant only (all other participant costs are listed in 6 below and form SF-242A, Section B. Line 6.f. Contracts and Sub-Grants).

Positions to be supported under the proposed award and brief description of the duties of professionals:

Position	Description of Duties of Professionals
AEA Direct #1	DOE Compliance and Reporting as required by BIL Sec 40502
AEA Direct #2	DOE Compliance and Reporting as required by BIL Sec 40502

Direct Personnel Compensation:

Position	Salary/Rate	Time	Direct Pay
AEA Direct #1	$106.56	389.9900 hours	$41,557.33
AEA Direct #2	$105.19	389.9900 hours	$41,023.05
		Direct Pay Total	$82,580.38

2. FRINGE BENEFITS

a. Are the fringe cost rates approved by a Federal Agency? If so, identify the agency and date of latest rate agreement or audit below, and attach a copy of the rate agreement to the application.

b. If a. above does not apply, please use this box (or an attachment) to further explain how your total fringe benefits costs were calculated. Your calculations should identify all rates used, along with the base they were applied to (and how the base was derived), and a total for each (along with grand total). If there is an established computation methodology approved for state-wide use, please provide a copy. Also, please fill out the table below with the Fringe Benefits Calculations.

3. TRAVEL

a. Please provide the purpose of travel, such as professional conference(s), DOE sponsored meeting(s), project management meeting, etc. If there is any foreign travel, please identify.

Purpose of Trip	Number of Trips	Cost Per Trip	Total

4. EQUIPMENT - Equipment is generally defined as an item with an acquisition cost greater than $5,000 and a useful life expectancy of more than one year.

a. List all proposed equipment below and briefly justify its need as it applies to the objectives of the award.

Equipment	Unit Cost	Number	Total Cost	Justification of Need

b. Please provide a basis of cost such as vendor quotes, catalog prices, prior invoices, etc. and justify need. If the Equipment is being proposed as Cost Share and was previously acquired, please provide the source and value of its contribution to the project and logical support for the estimated value shown. If it is new equipment which will retain a useful life upon completion of the project, provide logical support for the estimated value shown. Also, please indicate whether the Equipment is being used for other projects or is 100% dedicated to the DOE project.

5. SUPPLIES - Supplies are generally defined as an item with an acquisition cost of $5,000 or less and a useful life expectancy of less than one year. Supplies are generally consumed during the project performance.

a. List all proposed supplies below, the estimated cost, and briefly justify the need for the supplies as they apply to the objectives of the award. Note that all direct costs, including Supply items, may not be duplicative of supply costs included in the indirect pool that is the basis of the indirect rate applied for this project.

General Category	Cost	Justification of Need

b. Please provide a basis of cost for each item listed above and justify need. Examples include vendor quotes, prior purchases of similar or like items, published price list, etc.

6. CONTRACTS AND SUBGRANTS - Provide the following information for New proposed subrecipients and subcontractors. For ongoing subcontractors and subrecipients, this information does not have to be restated here, if it is provided elsewhere in the application; under Name of Proposed Sub, indicate purpose of work and where additional information can be found (i.e weatherization subgrants, Annual File section IV.1).

Name of Proposed Sub and Associated Market Title	Total Cost	Basis of Cost*
Alaska Housing Finance Corporation	$4,476,442.00	Alaska Energy Authority (AEA) will transfer the $4,569,780 EE RLF capitalization, net of AEA's direct and indirect costs related to program compliance and reporting as the prime recipient, to Alaska Housing Finance Corporation (AHFC) under an Reimbursable Services Agreement (RSA), and accompanying Memorandum of Agreement (MOA). AHFC is aware of the 10% administrative cap, inclusive of AEA's portion (2%), and will be integrating the EE RLF into their existing energy efficiency and residential loan programs, as described in the master file. This is the same practice, with respect to the RSA/MOA with AHFC, which is done for the standard State Energy Program (SEP) state formula allocation, of which AHFC administers a portion of the SEP funds, under their existing programs.
Contracts and Subgrants Total	$4,476,442.00	

*For example, Competitive, Historical, Quote, Catalog

7. OTHER DIRECT COSTS - Other direct costs are direct cost items required for the project which do not fit clearly into other categories. These direct costs may not be duplicative of costs included in the indirect pool that is the basis of the indirect rate applied for this project. Examples are: conference fees, subscription costs, printing costs, etc.

a. Please provide a General Description, Cost and Justification of Need.

General Description	Cost	Justification of Need

b. Please provide a basis of cost for each item listed above. Examples include vendor quotes, prior purchases of similar or like items, published price list, etc.

8. INDIRECT COSTS

a. Are the indirect cost rates approved by a Federal agency? If so, identify the agency and date of latest rate agreement or audit and provide a copy of the rate agreement.

b. If the above does not apply, indicate the basis for computation of rates, including the types of benefits to be provided, the rate(s) used, and the cost base for each rate. You may provide the information below or provide the calculations separately.

AEA currently utilizes the 10% de Minimis rate allowed under 2 CFR 200.414(f) for indirect costs. AEA is in the process of developing an indirect cost allocation plan (ICAP) and is working with independent contractor to develop a cost model to track and allocate indirect costs for federal cost recovery. AEA will seek approval of the ICAP by their cognizant agency as required.

The name and phone number of the individual responsible for negotiating the State's indirect cost rates.

Name: Pamela Ellis   Phone Number: 9077713981

Indirect costs calculations:

Indirect Cost Account	Direct Total	Indirect Rate	Total Indirect
2500	$25,000.00	10.0000 %	$2,500.00
8258	$82,580.00	10.0000 %	$8,258.00
		Indirect Costs Total	$10,758.00

U.S. Department of Energy

STATE ENERGY PROGRAM (SEP)

NARRATIVE INFORMATION WORKSHEET

Grant: EE0010323; Recipient: Alaska Energy Authority; Program Year: 2022

SEO title : Admin

Revision status: Active (pending add)

1. Activity

☐ Economic Development	☐ Education and Outreach	☐ Energy Security
☐ Funding and/or Financing	☐ Policy, Planning, and/or Program Development	☑ Program Management
☐ Technical Assistance	☐ Training and/or Workforce Development	☐ Technology Action Group (TAG)

2. State: AK

3. Sector

☐ Agriculture / Agricultural	☐ Institutional	☑ Not Applicable
☐ Buildings	☐ Landlord / Tenant	☐ Private Sector
☐ Commercial	☐ Local Government	☐ Residential
☐ Federal Government	☐ Low / Limited Income	☐ Rural
☐ General Public	☐ Manufacturing	☐ State or Territory Government
☐ K-12 Schools	☐ Multi-state Collaboration	☐ Transportation
☐ Higher Education	☐ Non-building Infrastructure	☐ Tribal / Native American
☐ Industrial	☐ Non-profits	☐ Utilities

4. Technology and/or Topic Areas

☐ Alternative Fuels and Advanced Vehicle Technologies	☐ Environmental Justice
☐ Appliance Efficiency or Standards	☐ Fuel Cell and Hydrogen Technologies
☐ Audits and Assessments (Energy, Water, and Process)	☐ Geothermal
☐ Benchmarking	☐ Grid Modernization
☐ Biofuels	☐ Hydropower / Hydrokinetic Power
☐ Biomass	☐ Natural Gas
☐ Building Energy Codes or Standards	☑ Not Applicable
☐ Carbon Capture, Utilization and Storage	☐ Propane
☐ Clean Energy / Clean Energy Technologies	☐ Renewable Energy
☐ Combined Heat and Power	☐ Resiliency
☐ Cybersecurity	☐ Smart Grid
☐ Distributed Energy Resources	☐ STEM Education
☐ Electric Vehicles and Infrastructure	☐ Solar
☐ Energy Affordability	☐ Storage
☐ Energy Certification Programs	☐ U.S. DOE Accelerators
☐ Energy Conservation	☐ U.S. DOE Clean Cities
☐ Energy Efficiency	☐ Waste to Energy / Solid Waste Minimization
☐ Energy Equity	☐ Water Nexus
☐ Energy Management	☐ Weatherization
☐ Energy Savings Performance Contracting	☐ Wind
☐ ENERGY STAR	

5. Estimated annual energy savings: ☐ MBtus

6. Description (executive summary of goals and objectives)*

Alaska Energy Authority Admin portion for reporting and compliance required as part of the EE RLF program. This is reflected in the Form 424 and the associated budget justification.

7. Program year milestones

8. Program year metrics

a. Specific metric activity (required)**

Metric area:
11. Other

Metric:
11a. Administrative

This is an administrative activity	Yes

b. User specified metrics (optional)*

No records found

9. Program year funds by source

a. SEP grant (all funds in the approved budget)

Fund Source	Planned Amount
Federal Fund Source Type: Federal	$93,338.00
Total	$93,338.00

b. Leveraged funds anticipated (outside approved budget)

Fund Source	Planned Amount
No records found	
Total	$0.00

*Please use additional pages if more space is needed.
**Mandatory requirement

U.S. Department of Energy

STATE ENERGY PROGRAM (SEP)

NARRATIVE INFORMATION WORKSHEET

Grant: EE0010323; Recipient: Alaska Energy Authority; Program Year: 2022

SEO title : AHFC EE RLF

Revision status: Active (pending add)

1. Activity

☐ Economic Development	☐ Education and Outreach	☐ Energy Security
☑ Funding and/or Financing	☐ Policy, Planning, and/or Program Development	☐ Program Management
☐ Technical Assistance	☐ Training and/or Workforce Development	☐ Technology Action Group (TAG)

2. State: AK

3. Sector

☐ Agriculture / Agricultural	☐ Institutional	☐ Not Applicable
☐ Buildings	☐ Landlord / Tenant	☐ Private Sector
☐ Commercial	☐ Local Government	☑ Residential
☐ Federal Government	☐ Low / Limited Income	☐ Rural
☐ General Public	☐ Manufacturing	☐ State or Territory Government
☐ K-12 Schools	☐ Multi-state Collaboration	☐ Transportation
☐ Higher Education	☐ Non-building Infrastructure	☐ Tribal / Native American
☐ Industrial	☐ Non-profits	☐ Utilities

4. Technology and / or Topic Areas

☐ Alternative Fuels and Advanced Vehicle Technologies	☐ Environmental Justice
☐ Appliance Efficiency or Standards	☐ Fuel Cell and Hydrogen Technologies
☐ Audits and Assessments (Energy, Water, and Process)	☐ Geothermal
☐ Benchmarking	☐ Grid Modernization
☐ Biofuels	☐ Hydropower / Hydrokinetic Power
☐ Biomass	☐ Natural Gas
☐ Building Energy Codes or Standards	☐ Not Applicable
☐ Carbon Capture, Utilization and Storage	☐ Propane
☐ Clean Energy / Clean Energy Technologies	☐ Renewable Energy
☐ Combined Heat and Power	☐ Resiliency
☐ Cybersecurity	☐ Smart Grid
☐ Distributed Energy Resources	☐ STEM Education
☐ Electric Vehicles and Infrastructure	☐ Solar
☐ Energy Affordability	☐ Storage
☐ Energy Certification Programs	☐ U.S. DOE Accelerators
☐ Energy Conservation	☐ U.S. DOE Clean Cities
☑ Energy Efficiency	☐ Waste to Energy / Solid Waste Minimization
☐ Energy Equity	☐ Water Nexus
☐ Energy Management	☐ Weatherization
☐ Energy Savings Performance Contracting	☐ Wind
☐ ENERGY STAR	

5. Estimated annual energy savings: ☐ MBtus

6. Description (executive summary of goals and objectives)*

With the use of AHFC corporate funds the Energy Efficiency Rate Reduction option promotes energy efficiency of existing properties by encouraging a borrower to make improvements to their home that will increase the home's energy efficiency. The borrower has one year from the Note date to make the improvements. The amount of the interest rate reduction is based on the energy improvements made to the home. The rate deduction starts at .125% and moves is one-eighth increments up to .625% depending on the increased efficiency of the home.

7. Program year milestones

Milestone Description	**Planned Amount**
Loans Approved	35

8. Program year metrics

a. Specific metric activity (required)**

Metric area:
7. Financial Instruments

Metric:
7b. Existing or new financial programs utilized/created, by sector, program type, and savings unit type

Sector: Residential
Program type: Interest rate buy-downs
Savings unit type: Energy savings ($)

Number of customers newly utilizing program (count)	35
Private dollars leveraged (dollars)	$0
Total dollars invested as a result of financial mechanism (dollars)	$0
Projected energy, cost savings (user-specified units)	0
Number of financial programs developed or updated (count)	1

b. User specified metrics (optional)*

No records found

9. Program year funds by source

a. SEP grant (all funds in the approved budget)

Fund Source	Planned Amount
Federal Fund Source Type: Federal	$4,476,442.00
Total	$4,476,442.00

b. Leveraged funds anticipated (outside approved budget)

Fund Source	Planned Amount
Other (Alaska Housing Finance Corporation) Fund Source Type: Leveraged Leveraged Category: Other Agency: Alaska Housing Finance Corporation	$3,500,000.00
Total	$3,500,000.00

*Please use additional pages if more space is needed.
**Mandatory requirement

U.S. Department of Energy

STATE ENERGY PROGRAM (SEP)

STATE PLAN / MASTER FILE WORKSHEET

(Grant Number: EE0010323, State: AK, Program Year: 2022)

This worksheet should be completed as specified in Section III of the State Energy Program Application Package.

1. How will the grant funds be used? Please include a detailed explanation describing whether the plan is to establish a new revolving loan fund or use an existing revolving loan fund. Additionally, please describe other federal or non-federal funds that the state is considering strategically deploying in coordination with these funds.

The Alaska Housing Finance Corporation (AHFC) has an existing Energy Efficiency Rate Reduction Program to promote the energy efficiency of existing homes. AHFC offers interest rate reductions to homebuyers for properties meeting certain criteria. Alaska Housing offers interest rate reductions when financing new or existing energy efficient homes or when borrowers make energy improvements to an existing home. Any property that can be energy rated, and otherwise eligible for Alaska Housing financing, may qualify for this program.

With the use of AHFC corporate funds the Energy Efficiency Rate Reduction option promotes energy efficiency of existing properties by encouraging a borrower to make improvements to their home that will increase the home's energy efficiency. The borrower has one year from the Note date to make the improvements. The amount of the interest rate reduction is based on the energy improvements made to the home. The rate deduction starts at .125% and moves is one-eighth increments up to .625% depending on the increased efficiency of the home.

It is AHFC's intent to modify this program to increase the interest rate reduction higher than the existing $200,000 of the loan amount. With this extra money we would be able to increase the level that the interest rate will blend at.

The addition of the federal funds will mean that this program will be able to reach a larger potential pool of users statewide and will have the ability to last longer than if only corporate funds were used.

2. What is the need of eligible recipients for loans and grants in the state to conduct energy audits and retrofits? Please describe the basis for needing assistance and how the state is contemplating the use of loans vs. grants in meeting the needs of different types of eligible recipients in the building sub-sectors described in section 2.2 of this document.

The majority of homes built in Alaska were built in the 1980's and are not up to date with the energy standards. Many of these areas are considered to be disadvantaged communities.

3. In the case of a Priority State seeking a supplemental capitalization grant under subsection (b)(2): Please justify the need for supplemental funding.

N/A

4. What are the expected benefits that building infrastructure and energy system upgrades and retrofits will have on communities in the state?

Energy efficient homes use energy more efficiently, with respect to both heating and power applications. The reduced heating and electric utility use results in lower costs to the homeowner which equates to an equal increase in the homeowner's discretionary income, which will result in a greater quality of life.

5. How will mandatory metrics in section 6.3D of the application instructions (e.g., auditor's projection of energy savings, loan performance metrics) be collected?

Since 2020 an average of 83 homeowners have entered into this loan each year. For those that choose to participate in this loan program, energy audits will be performed on the dwelling and the homeowner will be provided with a list of recommended improvement options. The homeowner will have the option to choose which improvements, if not all, will be made. An energy audit will be done after such chosen improvements are installed, to validate the increase in energy efficiency and possible savings.

6. What are the existing or potential partnerships the state will use to facilitate loan origination and servicing activities? Please describe the state's identified and preferred pathways to leverage capital (e.g., credit enhancements, utility rebates, and/or creative financing structures such as on-bill or C-PACE), estimated target leveraging ratio, as well as existing or potential partnerships to drive loan uptake, marketing, and stakeholder engagement. Partners may include but not be limited to utilities, financial institutions (including Community Development Financial Institutions), contractors, and

other public or private organizations.

There are no partnerships outside of AHFC. In addition to the EE RLF, AHFC will continue to use corporate funds to operate this program.

7. How will loans and grants be prioritized for disadvantaged communities as defined by DOE? Please include a description of existing or potential partnerships with financial institutions (e.g., Community Development Financial Institutions) as well as environmental justice and community groups, and the extent to which the program will promote consumer protections and meaningfully engage, and benefit, underserved communities.

This program is projected to continue well past the initial funding sources. All Alaskan communities will be eligible to participate. Outreach will be focused in rural Alaskan communities, including but not limited to, native housing authorities and individuals in disadvantaged communities.

8. How will loans and grants be used to maximize energy savings and greenhouse gas emissions reductions through deep retrofits, beneficial electrification, and other high-impact measures?

Any improvements to a home will result in energy being conserved with the occupant comfort levels remaining the same. Elimination of inefficient energy use is the most cost effective use of money. Assuming that there is no change in the occupant's behavior after the energy improvements have been made, the occupant will be able to budget the savings and spend those savings on other necessities perhaps not procured as part of the initial retrofit. This would mean that the housing stock becomes more resilient, energy use is decreased, and greenhouse gas emissions are consequentially lowered.

Retrofits may require the use of specialty trades such as solar or heat pump installers as the homes might need additional retrofits to support that technology.

9. How will workforce resources and partnerships be leveraged for program implementation? Please describe existing or potential partnerships with audit training and certification organizations, youth corps, labor unions, Historically Black Colleges and Universities, minority serving institutions, non-profit organizations, colleges, and trade schools.

Through workforce development grants, AHFC corporate funds, personal and private individual company resources will be used to train energy auditors and increase the number of auditors available around the state. Focus for these additional raters will be from rural and underserved communities. These additional energy auditors will lower overall audit costs, owing to reduced site visit costs, and can increase the demand for energy audits.

We currently have working relationships with the various Housing Authorities in Alaska (AHAA), the Cold Climate Research Center (CCHRC), the University of Alaska, and Alaska Vocational Technical Center (ACTEC) a State of Alaska, Department of Labor and Workforce Development program. Other partnerships include non-profits, private and public entities.

10. What technical assistance support from DOE will help address anticipated barriers the state may face? Please describe the barriers and desired outcomes from the technical assistance.

No technical assistance support will be required from DOE. We are a state-wide corporation already offering a similar service which is both currently operational and successful. We will improve this service by making it more readily available and more attractive to those interested Alaskans.

From:	Williamson, Sean
To:	Spencer, Michael; Bell, Kelsie; "Jeff Pitkin"
Cc:	Kidd, Amy; Conner T. Erickson; EERevolvingLoanFund
Subject:	RE: RLF Call
Date:	Monday, May 15, 2023 10:16:41 AM

CAUTION: This email originated from outside of AIDEA / AEA. Do not click Hyper Links or open attachments unless you recognize the sender and know the content is safe.

Hi Mike,

The environmental questionnaire (EQ-1) is not applicable and does not need to be submitted with the application. It is only applicable if you know you're going to fall outside of a bounded category and know the project location. We do not expect states to have this information at the time of application.

Thanks,

From: Michael Spencer <mspencer@ahfc.us>
Sent: Monday, May 15, 2023 1:55 PM
To: Bell, Kelsie <kelsie.bell@hq.doe.gov>; Williamson, Sean <sean.williamson@hq.doe.gov>; 'Jeff Pitkin' <jeff.pitkin@outlook.com>
Cc: Kidd, Amy <amy.kidd@hq.doe.gov>; 'Conner T. Erickson' <CErickson@akenergyauthority.org>
Subject: [EXTERNAL] RE: RLF Call

Kelsie, one last question (only because your days are numbered whereby you can help me) Is the EQ-1 NEPA Environmental submission required as we are not going to touch the homes, but the homeowners will be doing any and all work?

Thanks
Mike

Alaska Housing
FINANCE CORPORATION

Michael Spencer
Energy Program Manager, Research & Rural Development
4300 Boniface Parkway | Anchorage, Alaska 99504
Direct: 907-330-8197 | Fax: 907-330-8247 | ahfc.us

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U.S. DEPARTMENT OF ENERGY | Office of the Under Secretary for Infrastructure

State And Community Energy Programs

Performance and Accountability for Grants in Energy (PAGE)

Grant Search:

Grant #: EE0010323 **Grantee:** Alaska Energy Authority **Status:** Active

Verify and Submit

After your Application Package has been completed, and the required documents have been entered, the application package can be verified as an entire package. This allows for any program-specific or cross-page validation to occur in a push of a button. Any issues that may be found will be noted, and the ability to go directly to the screen requiring attention is given.

Once the package has successfully been validated, recipients may submit them to PMC for approval signatures. In addition, for qualified Opportunities, the Application Package may be submitted electronically to Grants.Gov after PMC approval.

Application Package: Program Year 2022 (Revision 0); Submitted on 05/19/2023

APPLICATION PACKAGE GENERAL INFORMATION

Program: State Energy Program: Energy Efficiency Revolving Loan Fund
Program year: 2022
Opportunity code: DE-RLF-0002022
Period: 04/01/2023 - 03/31/2028
Description: AK State Energy Program RLF 2022 Award
Grant number: EE0010323
Recipient name: Alaska Energy Authority
Status: Submitted
Documents:
- Application For Federal Assistance (SF-424)
- Budget (SF-424A)
- Annual File
- Master File

Submission History *(click here to hide details...)*

Submitted on 05/19/2023 04:39:41 PM by Conner Erickson