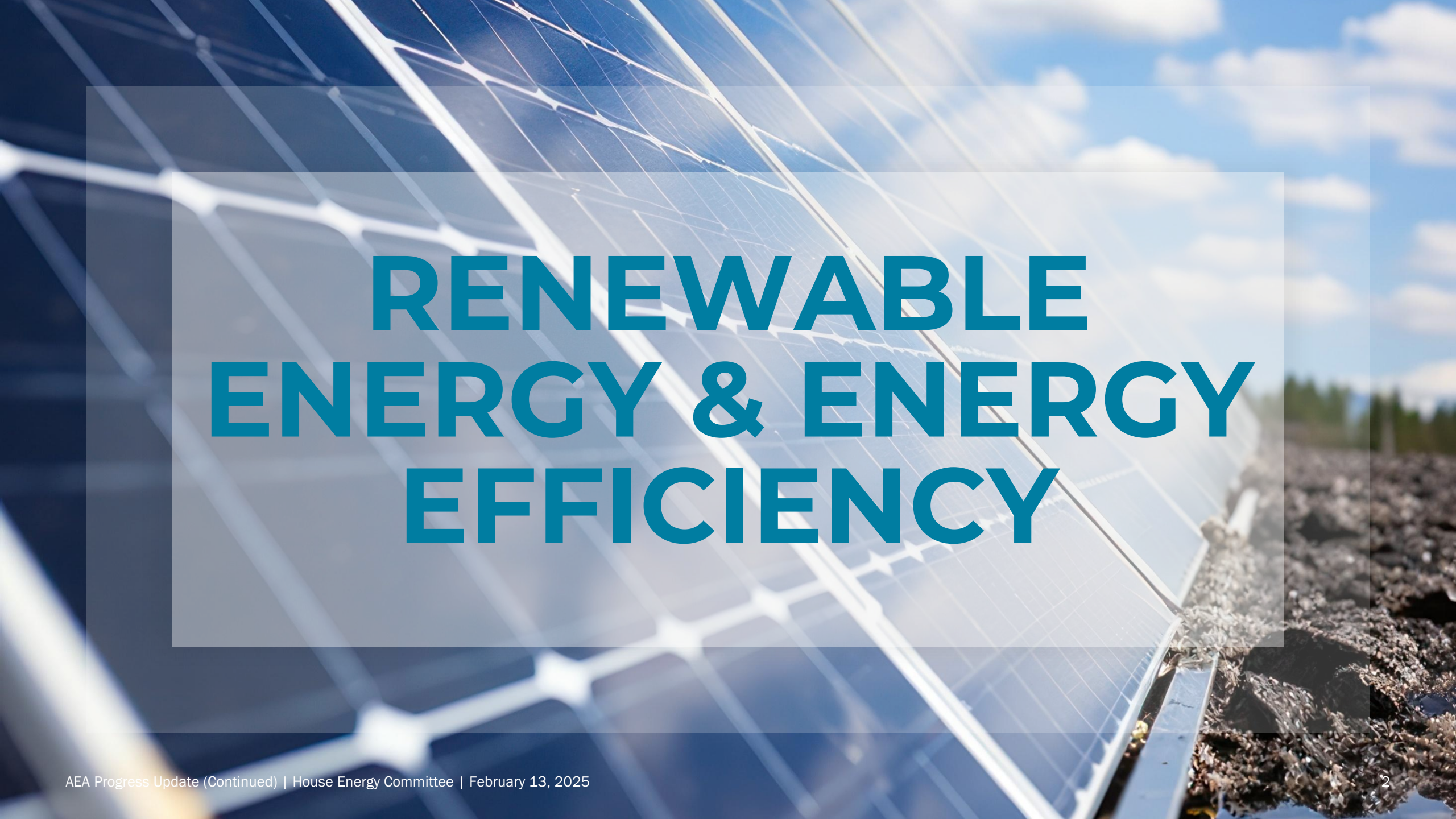
ALASKA ENERGY AUTHORITY

AEA PROGRESS UPDATE (CONTINUED)

Curtis W. Thayer, Executive Director
Conner Erickson, Planning Director

House Energy Committee
February 13, 2025

ALASKA ENERGY AUTHORITY



RENEWABLE ENERGY & ENERGY EFFICIENCY

Renewable Energy and Energy Efficiency Programs

AEA's renewable energy and efficiency programs provide technical and financial support for communities interested in developing renewable energy programs with the aim of growing Alaska's clean economy.

Houston Solar Farm, Houston, AK

Public Outreach

- Alaska Electric Vehicle Working Group
- Alaska Energy Efficiency Partnership
- Alaska Solar Working Group
- Alaska Wind Working Group
- Alaska Wood Energy Development Task Group

- BIOMASS
- ENERGY EFFICIENCY
- ELECTRIC VEHICLES
- ENERGY STORAGE
- GEOTHERMAL
- HEAT RECOVERY
- HYDROELECTRIC
- NUCLEAR
- SOLAR
- WIND

Home Energy and High Efficiency Rebate Allocations

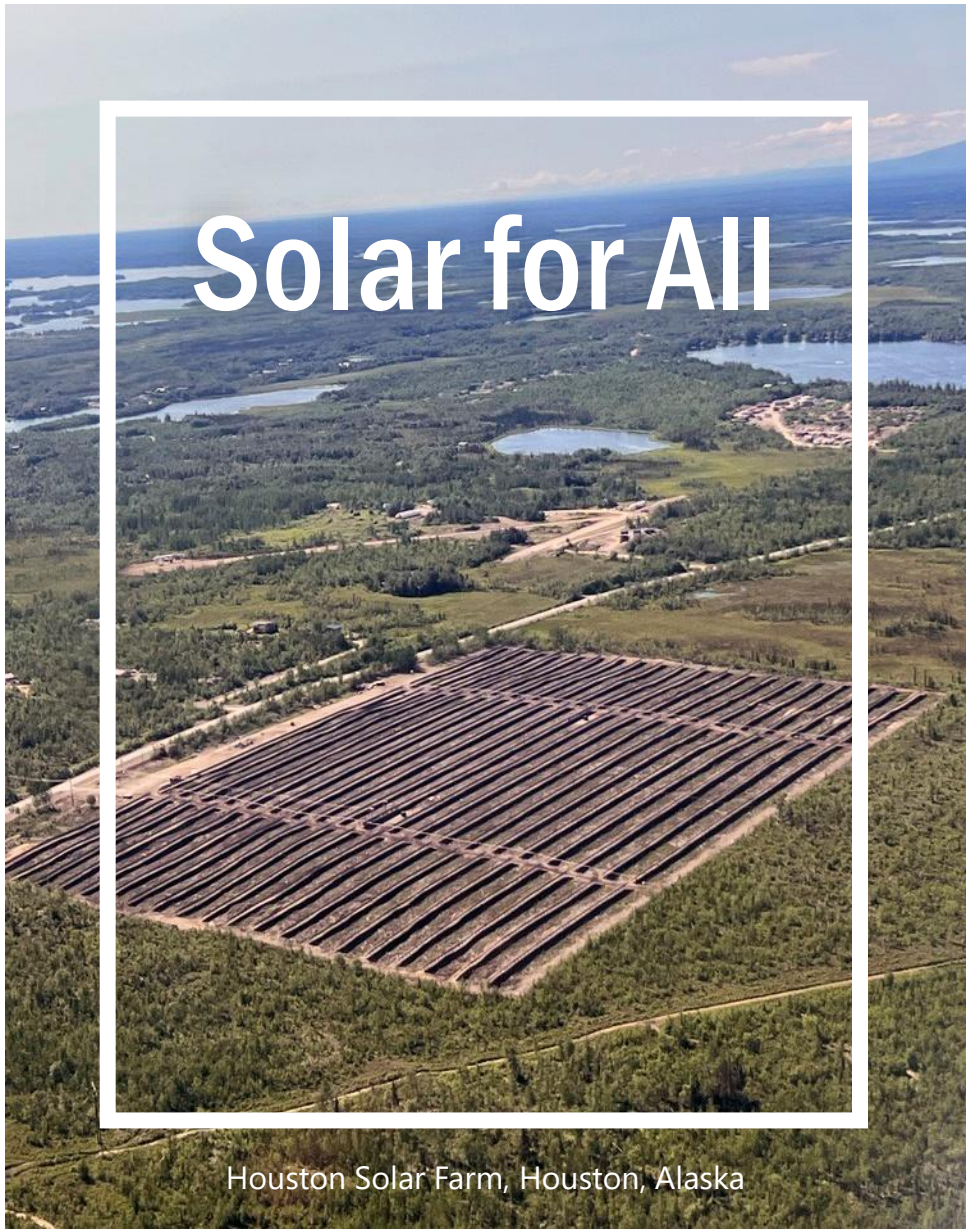
AEA is collaborating with Alaska House Finance Corporation (AHFC) to distribute Alaska's allocation of $74 Million

Home Efficiency Rebates

- Rebates for energy efficiency retrofits range from $2,000-$4,000 for individual households and up to $400,000 for multi-family buildings
- Grants to states to provide rebates for home retrofits
- Up to $2,000 for retrofits reducing energy use by 20 percent or more, and up to $4,000 for retrofits saving 35 percent or more
- Maximum rebate amounts are doubled for retrofits of low-and moderate-income homes
- **Alaska's allocation: $37.4 million; no State match required**
- **AEA received notice of conditional award in January 2025**

Home Electrification and Appliance Rebates

- Rebates for low- and moderate-income households to save energy and money toward energy upgrades made to their primary residence
- Includes means testing (income determination) and will provide 50 percent of the project cost to residents with incomes between 80 percent to 150 percent of area medium income. Rebates of 100 percent for incomes below 80 percent of area medium income, with similar tiers for multi-family buildings
- Includes a $14,000 cap per household, with an $8,000 cap for heat pump costs, $1,750 for a heat pump water heater, and $4,000 for electrical panel/service upgrade
- Other eligible rebates include electric stoves, clothes dryers, and insulation/air sealing measures
- **Alaska's allocation: $37.1 million; no State match required**
- **AEA received notice of conditional award in January 2025**



Houston Solar Farm, Houston, Alaska

$62.5 Million (Shared with AHFC)

- **In April 2024, AEA and AHFC were awarded a $62.5 million grant from the Environmental Protection Agency's Solar for All program**
  - AEA will develop community solar in disadvantaged communities
  - AHFC will develop residential rooftop solar for low-income households
- **Program benefits:**
  - Energy cost savings
  - Increased resiliency
  - Equitable access to solar
  - Asset ownership benefits low-income and disadvantaged communities
  - Workforce development, and
  - Reduction in greenhouse gas emissions
- **No match required for this competitive grant**

$60 Million (Over Five Years)

Grid Resilience Formula Grant Program IIJA 40101(d)

- Under 40101(d), AEA is expected to receive **$60 million in federal formula grants** to catalyze grid resilience projects. As of December 2024, the **first three of five allocations totaling $39.8 million** have been awarded to AEA.

- Under AEA's initial federal award of $22.2 million, comprising the initial two of five federal funding allocations, AEA competitively selected three projects for sub-awards, totaling $20.9 million. Federal approvals for these sub-awards were received in December 2024, with sub-award agreements to be issued in first quarter of 2025.

- AEA plans to issue its second competitive solicitation for resilience projects in the first quarter of 2025.

- In December 2024, the fourth-year formula funding allocations were announced, with AEA slated to receive $16.9 million, requiring $2.5 million in state matching funds. Applications for funding are delayed pending federal guidance.

- **Resilience measures include** but are not limited to:
  - Relocating or reconductoring powerlines
  - Improvements to make the grid resistant to extreme weather
  - Increasing fire resistant components
  - Integrating distributed energy resources like microgrids and energy storage

- Formula-based funding requires a **15 percent state match** and a **33 percent small utility match.**

$15.7 Million

Black Rapids Training Site (BRTS) Defense Community Infrastructure Pilot Program

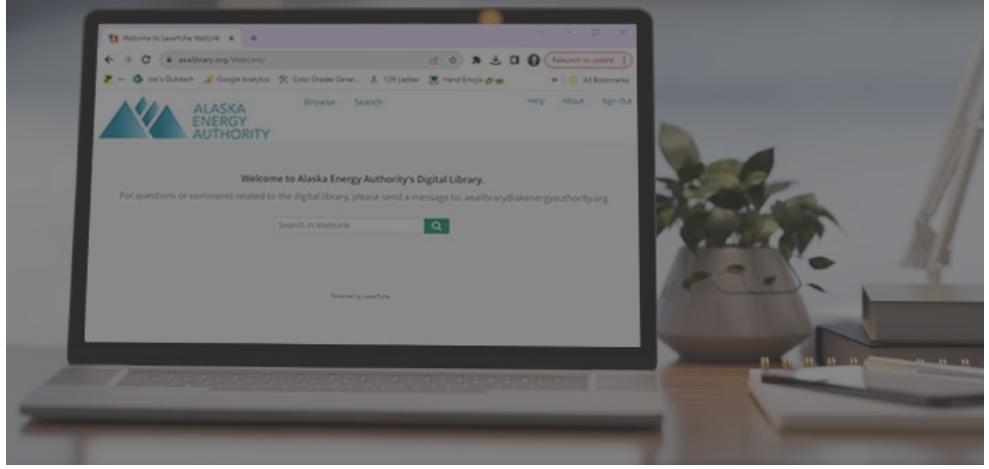
AEA, partnered with Golden Valley Electric Cooperative (GVEA), was awarded this grant from the Office of Local Defense Community Cooperation under the Defense Community Infrastructure Pilot Program. **Federal Receipt Authority of $15.7 Million received in fiscal year 2024. No State match is required**.

GVEA will use the funds to extend a transmission line 34 miles along the Richardson Highway to BRTS. Currently, BRTS is powered by three diesel generators that are nearing the end of their useful lives. This extension will improve long-term sustainability and reliability for BRTS by tying them into GVEA's power grid.


PLANNING

AEA Electronic Library (E-Library)

Provides the public with open, transparent access to over 50 years of Alaska energy data.



On December 11, 2023, AEA officially launched its digital e-library, which was funded by a $100,000 grant from the Denali Commission and $40,000 from AEA.

The e-library launched with 7,500 documents, including program publications, technical reports, research, and feasibility studies. Currently, over 11,000 documents are searchable.

Since its launch, the e-library has averaged over 650 unique visitors per month. Site visits to the e-library are reported to be trending positively, with an average 10 percent increase in site visits month over month.

The e-library is fully accessible to the public via the library tab on AEA's website, or directly at https://www.akenergyauthority.org/library

Power Project Fund (PPF) Loan Program

The PPF loan program continues to see an increase in applications due to federal matching fund requirements and other incentives. The Inflation Reduction Act provides tax credits of up to 60 percent for clean energy projects. Capitalization of the fund would allow for additional loans to be issued to support the increased demand.

Outstanding Loans
$31 Million
15 Loans

Uncommitted Cash Balance
$9.6 Million as of
December 2024

Competitive Rates
Current PPF Interest Rate
5.40% as of February 2025

House Bill 307
Offers Reduced Interest Rate
for Loans $5 Million or More

PPF Loan Portfolio Summary (As of December 31, 2024)

AEA PPF Loan Portfolio Summary - as of 12/31/2024

Loan No.	Borrower	Project	Community	Technology	Energy Region	Interest Rate	Current Balance	Initial Balance
40901099	Aleutian Wind Energy, LLC	Sand Point Wind	Sand Point	Wind	Aleutians	5.01%	$ 450,303	$ 815,575
40901101	City of Atka	Chuniisax Creek	Atka	Hydro	Aleutians	4.65%	$ 403,114	$ 705,818
40901112	Southfork Hydro, LLC	Southfork Hydro Facility	Eagle River	Hydro	Railbelt	2.81%	$ 1,676,036	$ 2,082,979
40901115	Haida Energy, Inc.	Hiilangaay Hydro	Prince of Wales Island	Hydro	Southeast	0% --> 3.78%	$ 17,934,783	$ 20,000,000
40901118	AK Environmental Power, LLC	Delta Wind Farm	Delta Junction	Wind	Railbelt	3.22%	$ 626,482	$ 1,906,285
40901132	City of King Cove	Waterfall Creek Hydro	King Cove	Hydro	Aleutians	4.34%	$ 1,354,581	$ 1,422,803
40901133	Newtok Village Council	Powerhouse Upgrades	Newtok	Diesel	Lower Yukon-Kuskokwim	4.34%	$ 135,875	$ 235,139
40901137	Native Village of Tanacross	Biomass Boilers Install	Tanacross	Biomass	Yukon-Koyukuk/Upper Tanana	3.90%	$ 52,143	$ 117,000
40901139	Tanalian Electric Cooperative, Inc.	Powerhouse Upgrades	Port Alsworth	Diesel	Bristol Bay	3.88%	$ 372,069	$ 498,186
40901140	Takotna Community Association	Powerhouse Upgrades	Takotna	Diesel	Yukon-Koyukuk/Upper Tanana	3.00%	$ 36,765	$ 57,197
40901143	Alaska Renewable Energy Partners, LLC	Willow Solar Farm	Willow	Solar	Railbelt	2.93%	$ 489,456	$ 814,234
40901148	City of Chefornak	Powerhouse Upgrades	Chefornak	Diesel	Lower Yukon-Kuskokwim	2.77%	$ 592,805	$ 703,276
40901149	City of Galena	Powerhouse Upgrades	Galena	Diesel	Yukon-Koyukuk/Upper Tanana	2.85%	$ 1,476,523	$ 1,476,523
40901151	Energy 49, LLC	Houston Solar Farm	Houston	Solar	Railbelt	3.05%	$ 4,794,720	$ 4,994,500
40901153	Peninsula Solar, LLC	Solar Array	Soldotna	Solar	Railbelt	4.59%	$ 499,800	$ 504,000
TOTAL							**$ 30,895,454**	

Renewable Energy Fund (REF)

AEA has recommended 18 REF projects to the 34th Legislature for funding consideration in the Fiscal Year 2026 capital budget, at a total funding request of $21.2 million. Any funding provided in support of recommended REF projects is at the full discretion of the Legislature. The proposed budget allocates $6.3 million in support of REF projects to fund the top six recommended projects.

REF Highlights
Round 13: 11 Projects – $4.75M
Round 14: 27 Projects – $15M
Round 15: 18 Projects – $17M
Round 16: 5 Projects – $10.5M
Round 17*: 18 Projects – $21.2M
***as recommended for funding**


Kongiganak, Alaska

- Since its inception, the State has invested $327 million in the REF;
- Over 110 operational projects, and 56 are under development; and
- The REF has offset the consumption of approximately 85 million gallons of diesel fuel, per an independent study, through 2022.

RENEWABLE ENERGY FUND: ROUND 17

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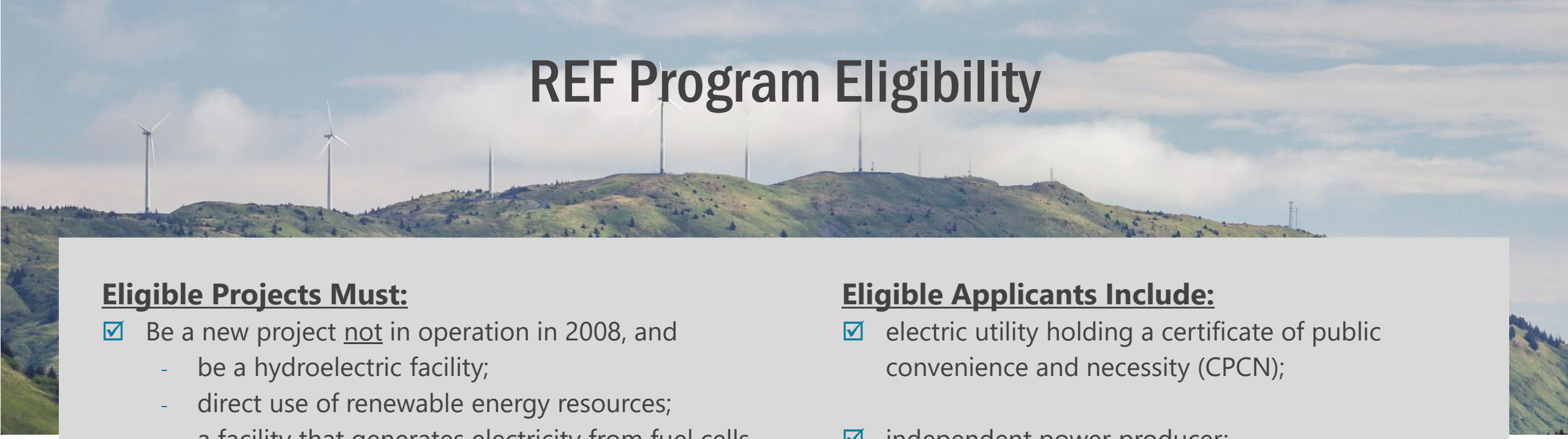
Renewable Energy Fund Advisory Committee (REFAC)

The REFAC works in consultation with AEA, offering valuable guidance and policy direction regarding the application and evaluation process, and final funding recommendations for submission to the Alaska State Legislature. The REFAC is comprised of nine members; five of which are appointed by the Governor.

Name	Title	Sector	Appointed By
Alicia Amberg	Executive Director, Associated General Contractors of Alaska	Denali Commission	Governor
Bradley Janorschke	General Manager, Homer Electric Association	Large urban electric utility	Governor
Clay Koplin	Chief Executive Officer, Cordova Electric Cooperative	Small rural electric utility	Governor
Iliodor Philemonof III	Government Relations Administrator, Calista Corporation	Representative of an Alaskan Native Organization	Governor
Chris Rose	Executive Director, Renewable Energy Alaska Project	Business/organization involved in renewable energy	Governor
To Be Determined	Senator	Senate Member 1	Senate President
To Be Determined	Senator	Senate Member 2	Senate President
To Be Determined	Representative	House Member 1	Speaker of the House
To Be Determined	Representative	House Member 2	Speaker of the House



REF Program Eligibility

Eligible Projects Must:

☑ Be a new project not in operation in 2008, and
- be a hydroelectric facility;
- direct use of renewable energy resources;
- a facility that generates electricity from fuel cells that use hydrogen from renewable energy sources or natural gas (subject to additional conditions); or
- be a facility that generates electricity using renewable energy.
- Natural gas applications must also benefit a community that:
  - has a population of 10,000 or less, and
  - does not have economically viable renewable energy resources it can develop.

Eligible Applicants Include:

☑ electric utility holding a certificate of public convenience and necessity (CPCN);

☑ independent power producer;

☑ local government; or

☑ other governmental utility, including a tribal council and housing authority.

REF Evaluation Process: Four Stage Review

Stage 1 – Evaluation of the Applicant

Evaluation of the applicant project eligibility and completeness of the application.

Stage 2 – Evaluation of the Project

Evaluation of the project's technical and economic feasibility. This stage includes independent reviews by the Department of Natural Resources and contracted third-party economists.

Stage 3 – Initial Project Ranking

Projects are ranked in consideration of multiple criteria, including, but not limited to, community cost of energy, applicant matching funds, project readiness, project sustainability, and public benefit.

Stage 4 – Final Project Ranking

In conjunction with the Renewable Energy Fund Advisory Committee, this stage balances / re-ranks projects, based on factors including the number and type of projects within each region and their Stage 3 regional and state rankings.

REF Round 17 Grant Funding Limits

Phase	Low Energy Cost Areas*	High Energy Cost Areas**
Total Project Grant Limit	$2 Million	$4 Million
Phase I: Reconnaissance Phase II: Feasibility and Conceptual Design	The per project total of Phase I and II is limited to 20% of anticipated construction cost (Phase IV), not to exceed $2 Million.	
Phase III: Final Design and Permitting	20% of anticipated construction cost (Phase IV) and counting against the total construction grant limit below.	
Phase IV: Construction and Commissioning	$2 Million per project, including final design and permitting (Phase III) costs, above.	$4 Million per project, including final design and permitting (Phase III) costs, above.
Notes	*Low energy cost areas are those communities interconnected with the Railbelt grid, or with a pre-PCE residential electric rate of below $0.20 / kWh	*High energy cost areas are those communities with a pre-PCE residential electric rate of $0.20 / kWh or greater.

Proposed REF Capitalization for FY2026/Round 17

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- The State of Alaska's proposed FY2026 capital budget allocates $6.3 million for REF Round 17 grant funding of recommended projects, fully funding the top six.
- A total of $21,214,676 is requested for 18 recommended projects. With the proposed REF budget of $6.3 million, there would be insufficient funding to cover all current Round 17 projects as recommended. An additional $14.9 million is needed to fund all Round 17 recommendations.
- The table to the right provides historical REF program funding from program inception through FY2025.
- FY2025 capital budget approved $10.5 million for the top five projects recommended in REF Round 16. As a result, the past three fiscal years' appropriations exceeded $10 million.

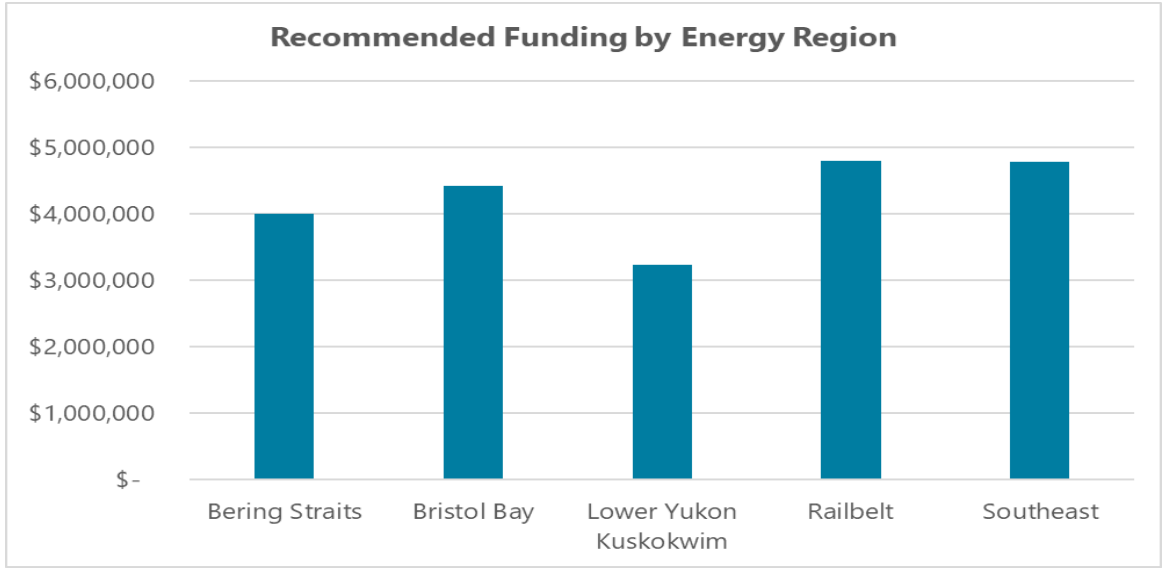
Legislative Appropriation		Fiscal Year
$	100,001,000	FY2008
$	25,000,000	FY2009
$	25,000,000	FY2010
$	36,620,231	FY2011
$	25,870,659	FY2012
$	25,000,000	FY2013
$	22,843,900	FY2014
$	11,512,659	FY2015
$	-	FY2016
$	-	FY2017
$	(3,156,000)	FY2018 - RPSU Reappropriation
$	11,000,000	FY2019
$	-	FY2020
$	-	FY2021
$	4,750,973	FY2022
$	15,000,000	FY2023
$	17,052,000	FY2024
$	10,521,836	FY2025
$	**327,017,258**	**TOTAL (excl. operating appropriation)**

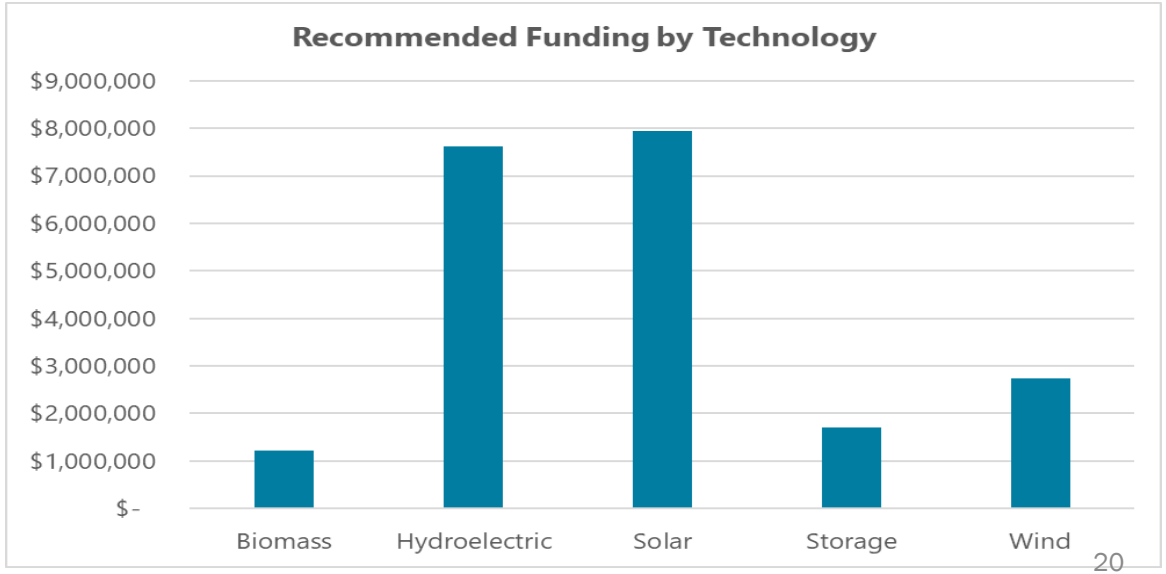
REF Round 17 Recommended Applications

There are 18 recommended applications, totaling a request of $21.2 million.

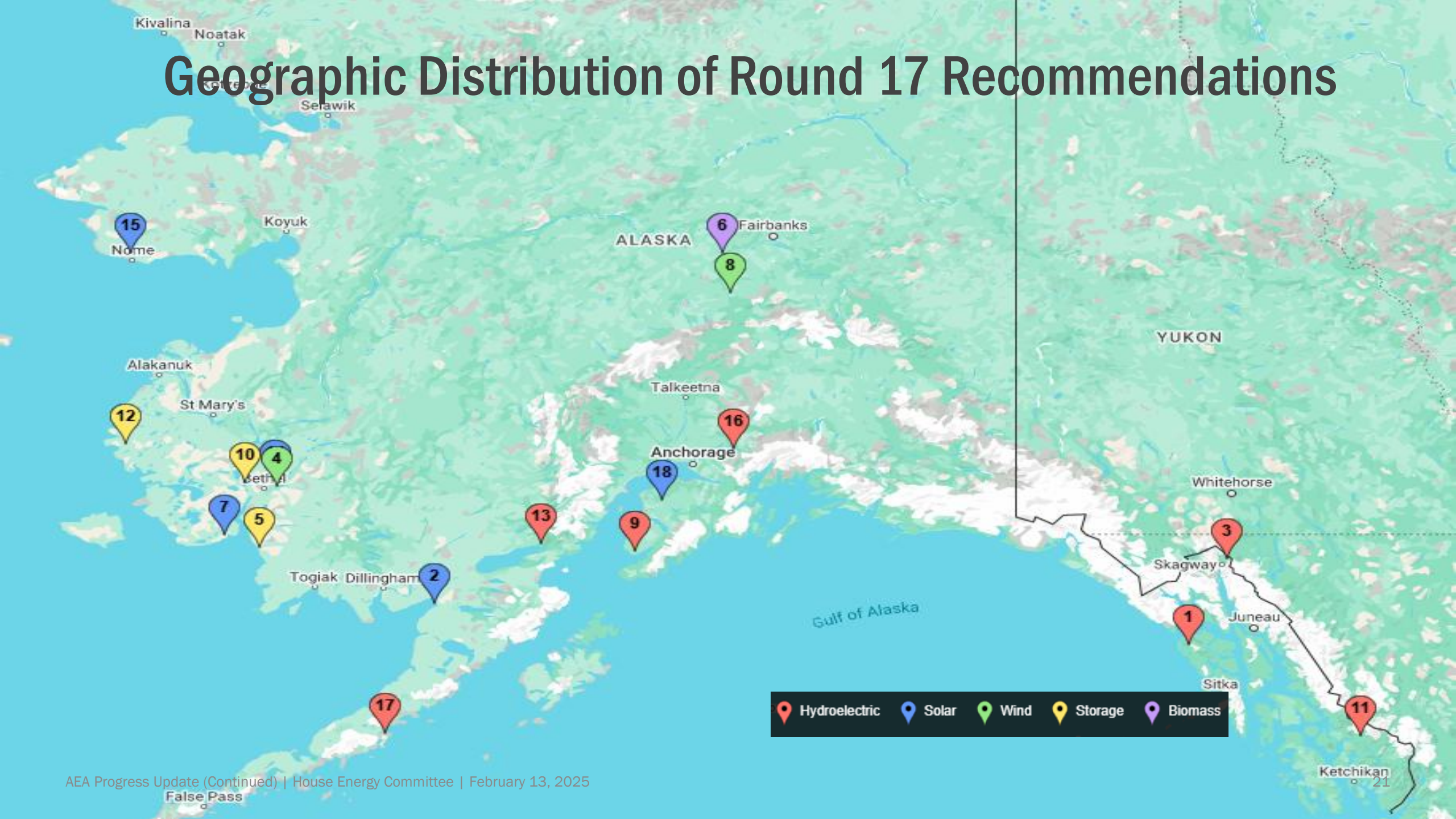
Applications by Energy Region	No. of Applications	REF Funds Requested
Bering Straits	1	$ 4,000,000
Bristol Bay	3	$ 4,420,860
Lower Yukon-Kuskokwim	6	$ 3,226,092
Railbelt	5	$ 4,796,000
Southeast	3	$ 4,771,724
Total	18	$ 21,214,676

Applications by Technology	No. of Applications	REF Funds Requested
Biomass	1	$ 1,223,000
Hydroelectric	7	$ 7,615,236
Solar	5	$ 7,938,634
Storage	3	$ 1,698,827
Wind	2	$ 2,738,979
Total	18	$ 21,214,676





Geographic Distribution of Round 17 Recommendations



REF Applications Sent to the Legislature for Funding Decision

Round 17 Projects Summary																	REF Round 17 Recommended Funding		
Application No.	Applicant	Project Title	Phase	Nameplate Capacity (MW)	Est. Annual Energy (MWh)	Energy Region	Election District	Technology	Community	Grant Funds Requested	Matching Funds	Stage 3 Score	Benefit / Cost Ratio	HEC	Region Rank	State Rank	Funding Level	Rec. Funding Amount ($)
17006	City of Pelican, Pelican Utilities	Pelican Hydro Relicensing Project, Restoration, Repair	Final Design & Permitting, Construction	0.70	426	Southeast	2-A	Hydroelectric	Pelican	$ 650,474	$ 50,000	76	1.63	$6,374	1	1	Full Funding	$ 650,474
17014	Naknek Electric Association, Inc.	Naknek Solar PV on Cape Suwarof	Construction	1.00	1,038	Bristol Bay	37-S	Solar	Naknek	$ 3,210,000	$ 900,000	74	0.57	$9,551	1	2	Partial Funding	$ 3,137,848
17010	Goat Lake Hydro, Inc.	Goat Lake Hydro Storage Expansion Study	Reconnaissance	4.0	900	Southeast	3-B	Hydroelectric	Skagway, Haines, Dyea, Klukwan	$ 121,250	$ 52,250	71	0	$6,371	2	3	Full Funding	$ 121,250
17002	Nuvista Light and Electric Cooperative Inc	Nuvista Kwethluk Wind and Battery Project Completion	Construction	.40 / .50 (storage)	896	Lower Yukon-Kuskokwim	38-S	Wind, Storage	Kwethluk	$ 738,979	$ -	71	0.67	$7,869	1	4	Full Funding w/ Special Provision	$ 738,979
17005	Alaska Village Electric Cooperative, Inc.	Quinhagak Battery Energy Storage System Project	Construction	.60 (storage)	574	Lower Yukon-Kuskokwim	38-S	Storage	Quinhagak	$ 443,956	$ 707,625	70	0.88	$6,962	2	5	Full Funding	$ 443,956
17012	City of Nenana	Nenana Biomass District Heat System, Final Phase	Construction	2.2MMBtu/hr (biomass boiler)	46,000 gal (heating oil)	Railbelt	36-R	Biomass	Nenana	$ 1,223,000	$ 168,322	69	1.14	$6,864	1	6	Full Funding	$ 1,223,000
17017	Puvurnaq Power Company	Kongiganak 100 kW Solar Energy Project	Final Design & Permitting, Construction	0.20	210	Lower Yukon-Kuskokwim	38-S	Solar	Kongiganak	$ 728,603	$ 674,330	69	0.6	$9,427	3	7	Partial Funding	$ 720,453
17007	Alaska Renewables LLC	Railbelt Wind Diversification Alaska Renewables	Feasibility and Conceptual Design	609 (across 3 sites)	2,133,936	Railbelt	Various	Wind	Various	$ 2,000,000	$ 2,187,000	69	1.22	$5,458	2	8	Full Funding	$ 2,000,000
17001	City of Homer	Homer Energy Recovery Project	Construction	0.01	42	Railbelt	6-C	Hydroelectric	Homer	$ 280,000	$ 90,000	68	0.01	$7,120	3	9	Full Funding	$ 280,000
17018	Atmautluak Tribal Utilities	Atmautluak ETS Installation, Integration and Commissioning	Construction	30 Electric Thermal Stoves	1,541 gal (diesel)	Lower Yukon-Kuskokwim	38-S	Storage	Atmautluak	$ 286,227	$ 188,160	68	0.29	$8,538	4	10	Full Funding	$ 286,227
17015	Southeast Alaska Power Agency (SEAPA)	Southeast Alaska Grid Resiliency (SEAGR)	Final Design & Permitting, Construction	12	30,000	Southeast	1-A; 2-A	Hydroelectric	Petersburg, Ketchikan, Wrangell, Metlakatla	$ 4,000,000	$18,592,510	68	0	$6,730	3	11	Full Funding	$ 4,000,000

*If appropriated by the Legislature and approved the Governor, this funding would become effective July 1, 2025, for inclusion in the Fiscal Year 2026 budget. Projects above orange line denote those currently funded in Fiscal Year 2026 Proposed Capital Budget. Please see related summary report for details concerning the evaluation and description of the individual applications.

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Application No.	Applicant	Project Title	Phase	Nameplate Capacity (MW)	Est. Annual Energy (MWh)	Energy Region	Election District	Technology	Community	Grant Funds Requested	Matching Funds	Stage 3 Score	Benefit / Cost Ratio	HEC	Region Rank	State Rank	Funding Level	Rec. Funding Amount ($)
17004	Alaska Village Electric Cooperative, Inc.	Chevak Battery Energy Storage System Project	Construction	0.60 (storage)	470	Lower Yukon-Kuskokwim	38-S	Solar, Storage	Chevak	$ 968,644	$ 170,937	66	0.62	$6,902	5	12	Full Funding	$ 968,644
17016	Pedro Bay Village Council	Knutson Creek Hydro Project Construction	Construction	0.15	183	Bristol Bay	37-S	Hydroelectric	Pedro Bay	$ 400,000	$ 7,200,000	65	0.08	$9,390	2	13	Full Funding w/ Special Provision	$ 400,000
17011	Akiachak, Ltd	Akiachak Native Community 200 kW Solar Energy Project	Final Design & Permitting, Construction	0.40	452	Lower Yukon-Kuskokwim	38-S	Solar	Akiachak	$ 1,443,257	$ 2,265,809	64	0.33	$8,870	6	14	Partial Funding w/ Special Provision	$ 67,833
17013	Nome Joint Utility System	NJUS Solar Nome Banner Ridge Solar Farm	Construction	1.00	1,051	Bering Straits	39-T	Solar, Storage	Nome	$ 4,000,000	$ 50,000	60	0.57	$9,139	1	15	Full Funding	$ 4,000,000
17009	Matanuska Electric Association	Hunter Creek Hydroelectric Feasibility Study Project	Feasibility and Conceptual Design	7.70	27,100	Railbelt	Various	Hydroelectric	MEA service area	$ 1,280,500	$ 384,500	58	0.67	$5,920	4	16	Full Funding	$ 1,280,500
17008	City of Chignik	Chignik Hydroelectric Power System	Final Design & Permitting	0.32	559	Bristol Bay	37-S	Hydroelectric	Chignik	$ 883,012	$ 44,346	57	1.06	$7,701	3	17	Full Funding	$ 883,012
17003	Utopian Power LLC	Sterling Solar Project	Final Design & Permitting, Construction	3.2	3,238	Railbelt	Various	Solar	Sterling	$ 2,000,000	$ 2,000,000	37	0.7	$7,120	5	18	Partial Funding w/ Special Provision	$ 12,500

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All REF Projects Summary

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Since the program's establishment in 2008, the REF has supported nearly 300 projects through appropriations totaling $327 million. Below is a summary of projects categorized by energy region.

REF Projects - All Projects by Energy Region & Status								
Energy Region	**Total REF Budget ($)**	**Total REF Budget (as % of total)**	**Operational**	**Closed**	**Development**	**In Development Total ($)**	**No. of Projects (All Phases)**	**No. of Projects (as % of total)**
Aleutians	$ 18,424,940	6%	10	10	3	$ 957,650	23	8%
Bering Straits	$ 23,486,724	8%	9	9	1	$ 2,000,000	19	6%
Bristol Bay	$ 17,590,323	6%	8	13	4	$ 4,423,693	25	9%
Copper River/Chugach	$ 28,047,612	9%	11	5	2	$ 4,480,000	18	6%
Kodiak	$ 16,659,519	6%	2	5	1	$ 172,600	8	3%
Lower Yukon-Kuskokwim	$ 39,888,116	13%	25	12	11	$ 2,850,982	48	16%
Non-Specified	$ 1,035,888	0%	0	2	0	$ -	2	1%
North Slope	$ 1,251,859	0%	1	5	0	$ -	6	2%
Northwest Arctic	$ 32,841,133	11%	7	5	6	$ 7,730,542	18	6%
Railbelt	$ 35,226,299	12%	9	21	19	$ 12,480,740	49	17%
Southeast	$ 66,251,014	22%	22	22	4	$ 13,055,717	48	16%
Yukon-Koyukuk/Upper Tanana	$ 20,941,945	7%	12	13	5	$ 6,875,113	30	10%
TOTAL	**$ 301,645,374**	**100%**	**116**	**122**	**56**	**$ 55,027,037**	**294**	**100%**

REF Annual Diesel and Natural Gas Displacement

With over 100 operational projects, REF has offset significant amounts of diesel and natural gas-fired generation annually, reducing costs for local utilities and reducing reliance on Cook Inlet gas supplies. Below is a summary of annual diesel and natural gas displacement by energy region

REF Projects - Nameplate Capacity (MW) & Displacement by Energy Region - Operational Projects			
Energy Region	**Nameplate Capacity Additions (Megawatts)**	**Annual Estimated Diesel Fuel / Fuel Oil Displacement (Gallons)**	**Annual Natural Gas Displacement (Bcf)**
Aleutians	2.3	222,161	-
Bering Straits	3.8	402,331	-
Bristol Bay	1.4	223,977	-
Copper River/Chugach	7.8	720,081	-
Kodiak	20.3	4,751,110	-
Lower Yukon-Kuskokwim	5.4	576,222	-
Non-Specified	0.0	-	-
North Slope	0.0	100,000	-
Northwest Arctic	2.6	657,559	-
Railbelt	33.5	118,604	1.15
Southeast	21.4	4,769,522	-
Yukon-Koyukuk/Upper Tanana	0.03	539,582	-
TOTAL	**98.5**	**13,081,150**	**1.15**

Thank You

Alaska Energy Authority
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