

Alaska Energy Authority - Renewable Energy Fund - Round 18 - Recommended Projects to Legislature\*



Statewide Rank	Energy Region	Project Name	Applicant	Recommend Funding	Technology Type	B/C Ratio	Household Energy Cost	Applicant Match Offered	Recommended Phase(s)	Cumulative Funding	Cumulative B/C Ratio**	Community	Est. Annual Fuel Displacement (Mcf)	Est. Annual Fuel Displacement (Gal)	Est. Annual Energy Generation (kWh)	Election District
1	Bristol Bay	Kokhanok Community Center Biomass Heating Project	Kokhanok Village Council	\$312,800	Biomass	1.43	\$13,491	\$63,200	Design, Construction	\$312,800	1.35	Kokhanok	N/A	4,000	131,219	S-37
2	Southeast	SEAPA Grid Resiliency (Tyee Hydro Upgrade)	Southeast Alaska Power Agency (SEAPA)	\$2,000,000	Hydro	7.56	\$6,251	\$18,592,510	Construction	\$2,312,800	7.19	Petersburg, Ketchikan, Wrangell	N/A	2,400,000	30,000,000	A-1
3	Yukon-Koyuk/Upper Tanana	Allakaket Village Community Solar and Battery IPP	Allakaket Village Council	\$2,953,085	Solar, Storage, NaturalGas	0.69	\$16,319	\$433,291	Design, Construction	\$5,265,885	6.35	Allakaket, Alatna	N/A	25,688	321,100	R-36
4	Southeast	Goat Lake Hydro Reservoir Expansion - Construction	Goat Lake Hydro, Inc.	\$2,000,000	Hydro	6.32	\$9,430	\$250,000	Construction	\$7,265,885	6.33	Haines, Skagway, Dyea, Klukwan, Chilkat Valley	N/A	141,844	2,000,000	B-3
5	Lower Yukon-Kuskokwim	500kwh BESS + Installation, Integration, including upgraded controls	Puvurnaq Power Company	\$596,000	Storage	1.24	\$10,283	\$152,000	Construction	\$7,861,885	6.20	Kongiganak	N/A	15,966	199,574	S-38
6	Bering Straits	Gambell Battery Energy Storage System Project	Alaska Village Electric Cooperative, Inc.	\$1,932,516	Wind	0.32	\$11,548	\$214,724	Construction	\$9,794,401	5.80	Gambell	N/A	14,056	203,812	T-39
7	Bering Straits	Elim Community Solar Project	Native Village of Elim	\$2,987,430	Solar, Storage	0.42	\$10,721	\$529,455	Design, Construction	\$12,781,831	5.25	Elim	N/A	23,475	309,407	T-39
8	Lower Yukon-Kuskokwim	Tuntutuliak Turbine Repair & Upgrades	Tuntutuliak Community Services Association	\$565,000	Wind, Storage	5.8	\$10,821	\$33,000	Construction	\$13,346,831	5.26	Tuntutuliak	N/A	56,000	700,000	S-38
9	Railbelt	Healy Volcanic Region Geothermal: Collaborative Data Collection and Subsurface Exploration	Alaska Renewables LLC	\$1,248,029	Transmission, Storage	2.44	\$6,168	\$4,992,116	Feasibility	\$14,594,860	35.06	Railbelt	-	N/A	473,040,000	O-30
10	Bering Straits	NJUS Solar- Nome Banner Ridge Solar Farm	Nome Joint Utility System	\$3,950,000	Solar	1.39	\$9,141	\$50,000	Construction	\$18,544,860	32.13	Nome	N/A	93,987	1,533,905	T-39
11	Bering Straits	Unalakleet Battery Energy Storage System (BESS) Project	Unalakleet Valley Electric Cooperative Inc. (UVEC)	\$1,060,595	Storage	0.5	\$9,494	\$454,540	Construction	\$19,605,455	31.13	Unalakleet	N/A	15,018	227,400	T-39
12	Railbelt	Anchorage Waste-to-Energy Facility Reconnaissance, Feasibility, Conceptual Design, and Permitting	Solid Waste Services, Municipality of Anchorage	\$2,000,000	Biomass	0.79	\$6,168	\$5,950,000	Recon, Feasibility	\$21,605,455	3.14	Railbelt	2,710,942	N/A	324,000,000	Anchorage
13	Lower Yukon-Kuskokwim	Kotlik Solar Battery Project	Kongnikinomuut Yuita Corporation	\$3,216,259	Solar, Storage	0.48	\$11,083	\$745,801	Design, Construction	\$24,821,714	3.12	Kotlik	N/A	32,588	472,525	T-39
14	Aleutians	Atka Hydrogen Power Project	Native Village of Atka	\$2,560,000	Hydro, Storage	0.18	\$10,896	\$4,060,000	Construction	\$27,381,714	3.09	Atka	N/A	7,558	94,469	S-37
15	Railbelt	Walker Dome Wind Final Design and Permitting	Walker Dome Wind LLC	\$2,000,000	Wind, Transmission, Storage	1.81	\$6,168	\$8,000,000	Design	\$29,381,714	3.93	Railbelt	-	N/A	196,000,000	O-30
16	Lower Yukon-Kuskokwim	500kwh BESS + Installation, Integration, including upgraded controls.	Kwig Power Company	\$598,000	Storage	0.65	\$11,195	\$153,000	Construction	\$29,979,714	3.93	Kwigillingok	N/A	8,000	100,000	S-38
17	Copper River/Chugach	Solomon Gulch Hydroelectric Facility Pool Raise	Copper Valley Electric Association, Inc.	\$1,490,136	Hydro	1.06	\$6,682	\$300,000	Feasibility	\$31,469,850	3.88	Valdez District, Copper River Basin District	N/A	209,684	2,759,000	O-29; R-36
18	Railbelt	Beluga Solar Array	Chugach Electric Association Inc.	\$2,000,000	Solar	0.77	\$3,887	\$24,534,000	Construction	\$33,469,850	3.81	CEA Serving Area	54,528	N/A	6,517,000	Anchorage
19	Southeast	Elfin Cove Hydro Final Permitting and Design	Community of Elfin Cove Non-Profit Corporation, Elfin Cove Utility Commission	\$130,000	Hydro, Storage	0.57	\$9,402	\$32,500	Design	\$33,599,850	3.78	Elfin Cove	N/A	26,320	329,000	A-2
20	Railbelt	Hunter Creek Hydro Electric Feasibility Study Project	Matanuska Electric Association	\$112,000	Hydro	1.05	\$3,170	\$48,000	Feasibility	\$33,711,850	3.50	Mat-Su Region	226,749	N/A	27,100,000	Mat-Su Borough
21	Lower Yukon-Kuskokwim	Wind Power in Scammon Bay	The Native Village of Scammon Bay	\$1,172,401	Wind	0.61	\$11,482	\$0	Design	\$34,884,251	3.52	Scammon Bay	N/A	140,120	1,600,000	T-39
22	Railbelt	Chatanika Wind Feasibility and Conceptual Design	Chatanika Wind LLC	\$583,000	Wind, Transmission, Storage	1.62	\$6,168	\$80,000	Feasibility	\$35,467,251	4.48	Railbelt	-	N/A	236,520,000	R-36
23	Railbelt	Kenai Peninsula Energy Strategy Planning Project	Chugachmiut	\$707,050	Hydrokinetic	1.1	\$8,891	\$416,869	Recon, Feasibility	\$36,174,301	4.45	Seldovia, Halibut Cove, Homer	25,654	N/A	3,066,000	C-6
24	Lower Yukon-Kuskokwim	ATU BESS Battery Replacement Project	Atmautluak Tribal Utilities	\$444,500	Storage	1.18	\$10,059	\$75,000	Construction	\$36,618,801	4.45	Atmautluak	N/A	7,883	100,000	S-38
25	Southeast	Hoonah Battery Energy Storage System (BESS) Installation Project	Inside Passage Electric Cooperative	\$2,350,000	Storage	0.53	\$9,149	\$0	Construction	\$38,968,801	4.44	Hoonah, Kake, Chilkat Valley, Angoon, Klukwan	N/A	32,653	486,000	A-2
26	Railbelt	Solar in the Heart of the Railbelt	Knik Tribe	\$292,640	Transmission, Solar, Storage	0.45	\$3,191	\$52,720	Design	\$39,261,441	4.43	Knik Tribal members, Mat-Su Region	8,785	N/A	1,050,000	Mat-Su Borough
27	Lower Yukon-Kuskokwim	Akiachak Wind System Design and Integration	Akiachak Native Community	\$797,510	Wind, Solar, Storage	0.74	\$10,539	\$25,000	Feasibility, Design	\$40,058,951	4.43	Akiachak	N/A	90,621	1,314,000	S-38
28	Railbelt	Bald Hills Wind Feasibility and Conceptual Design	Bald Hills Wind LLC	\$528,000	Wind, Transmission, Storage	0.94	\$6,168	\$80,000	Feasibility	\$40,586,951	4.98	Railbelt	2,453,938	N/A	293,284,000	S-37
29	Railbelt	Knik Tribe Renewable Reconnaissance and Feasibility Study	Knik Tribe	\$577,100	Wind	0.18	\$3,170	\$180,700	Recon	\$41,164,051	4.97	Mat-Su Region	11,647	N/A	1,391,974	Mat-Su Borough

\*If appropriated by the Legislature and approved by the Governor, this funding would be anticipated to become effective July 1, 2026 and included in the Fiscal Year 2027 capital budget

\*\*Cumulative B/C Ratio is calculated based on the cumulative Net Present Value of Benefits and total Project costs (match, in-kind, and state funding)