

**Alaska Renewable Energy Fund
Statewide Ranking and Funding Allocation - Round 6
January 18, 2013**



Count	Energy Region	ID	Project Name	Applicant	Energy Source	Stage 2		Stage 3 Review Scores (max)							Stage 3 Stage 4	State- wide Rank Post Stage 4	Cost Request			Development Phase			Recommendation					
						Tech Econ Score	Ben / Cost	1. Cost of Energy (35)	2. Match (15)	3. Tech & Econ Feas (20)	4. Readi- ness (5)	5. Benefit (15)	6. Local Supt (5)	7. Sustan- ability (5)			Total Stage 3 Score (100)	Project Cost	Grant Requested	Match Offered	Reconn/ Feasibility	Permitting /Final Design	Construct	Phase	Type	Funding	Cumulative	
Recommended for Funding (Third Rank up to \$56,846,066 total)																												
41	Lower Yukon-Kuskokwim	921	AVCP RHA Wood Biomass Heating System ³	AVCP Regional Housing Authority	Biomass	61.00	0.67	0.65	22.24	7.50	12.20	2.00	1.75	5.00	3.33	54.02	41	\$3,399,387	\$3,149,387	\$250,000		\$144,006	\$3,005,381	DesignConstruction	Full SP	\$862,618	\$50,862,618	
42	Northwest Arctic	903	Northwest Arctic Borough Solar PV	Northwest Arctic Borough	Solar	74.17	1.21	1.21	18.25	0.00	14.83	5.00	5.88	5.00	5.00	53.96	42	\$75,000	\$75,000		\$75,000		DesignConstruction	Full	\$75,000	\$50,937,618		
43	Lower Yukon-Kuskokwim	956	Goodnews Bay Wind Energy Feasibility and Conceptual Design	Alaska Village Electric Cooperative, Inc.	Wind	55.67	0.88	1.05	25.46	6.00	11.13	2.00	0.00	5.00	3.83	53.42	43	\$1,530,000	\$142,500	\$7,500	\$142,500		Feasibility	Full	\$142,500	\$51,080,118		
44	Southeast	914	Connelly Lake Hydroelectric Project	Alaska Power & Telephone Company	Hydro	60.50	4.47	0.11	9.52	10.50	12.10	2.00	11.38	5.00	1.83	52.33	44	\$46,475,000	\$1,752,000	\$438,000	\$180,000		Feasibility	Partial	\$180,000	\$51,260,118		
45	Bristol Bay	962	Manokotak Wind & Heat Feasibility Study	Manokotak Power Company	Wind	48.00	0.99	0.66	24.06	5.25	9.60	4.00	1.38	4.00	3.83	52.12	45	\$1,020,000	\$193,000	\$7,000	\$143,000		Feasibility	Partial	\$143,000	\$51,403,118		
46	Bering Straits	957	Shishmaref Wind Energy Feasibility and Conceptual Design Project	Alaska Village Electric Cooperative, Inc.	Wind	54.33	0.87	1.30	25.79	6.00	10.87	1.50	0.00	5.00	2.67	51.83	46	\$2,040,000	\$142,500	\$7,500	\$142,500		Feasibility	Full	\$142,500	\$51,545,618		
47	Lower Yukon-Kuskokwim	954	St. Mary's / Mountain Village Wind Energy Intertie Final Design	Alaska Village Electric Cooperative, Inc.	Wind	45.00	0.78	0.69	24.94	6.75	9.00	2.50	0.00	5.00	3.50	51.69	47	\$7,449,000	\$332,500	\$17,500		\$332,500	Design	Full SP	\$332,500	\$51,878,118		
48	Southeast	904	Dimond Park Library Geothermal HVAC System	City & Borough of Juneau	Geothermal	76.17	1.68	0.60	5.29	10.50	15.23	2.50	11.13	2.00	4.50	51.15	48	\$875,000	\$700,000	\$175,000		\$300,000	DesignConstruction	Partial SP	\$300,000	\$52,178,118		
49	Railbelt	975	Juniper Creek Hydroelectric Project Feasibility Study	Ram Valley LLC	Hydro	60.00	1.48	1.55	6.23	11.25	12.00	4.83	8.13	4.00	3.00	49.43	49	\$4,300,000	\$127,900	\$44,800	\$30,000		Recon	Partial SP	\$30,000	\$52,208,118		
50	Southeast	909	Mahoney Lake Hydroelectric Project: Phase III	City of Saxman	Hydro	49.33	3.08	8.67	4.46	14.25	9.87	1.50	11.75	5.00	1.17	48.00	50	\$51,100,000	\$1,000,000	\$100,000	\$500,000		Feasibility	Partial	\$500,000	\$52,708,118		
51	Railbelt	959	Ticasuk Brown School Pellet Boiler Project-Phase 2	Fairbanks North Star Borough (FNSB)	Biomass	87.17	1.80	1.80	9.81	0.00	17.43	3.17	13.00	0.00	4.50	47.91	51	\$350,000	\$350,000			\$250,000	Construction	Partial	\$250,000	\$52,958,118		
52	Yukon-Koyukok/Upper Tanana	926	AGSD District Heat Loop Project	Alaska Gateway School District	Heat Recovery	42.00	0.72	1.05	21.25	6.00	8.40	2.00	1.00	5.00	4.17	47.82	52	\$2,848,939	\$2,753,364	\$95,575		\$349,621	\$2,403,743	DesignConstruction	Full SP	\$2,753,364	\$55,711,482	
53	Southeast	907	Petersburg Community Heating System Retrofit Feasibility Study	City of Petersburg	Biomass	63.83	1.59		4.46	9.00	12.77	1.17	9.75	5.00	4.50	46.65	53	\$51,360	\$41,360	\$10,000	\$41,360		ReconFeasibility	Full	\$41,360	\$55,752,842		
54	Lower Yukon-Kuskokwim	947	Marshall Wind Energy Design and Permitting Project	Alaska Village Electric Cooperative, Inc.	Wind	42.67	0.79	0.85	22.27	6.75	8.53	2.50	0.00	4.00	2.50	46.55	54	\$2,509,850	\$332,500	\$17,500		\$332,500	Design	Full SP	\$332,500	\$56,085,342		
55	Railbelt	902	Jack River Hydroelectric Project Feasibility Study	Native Village of Cantwell	Hydro	58.00	2.43	2.43	9.81	3.00	11.60	2.00	11.75	5.00	1.67	44.82	55	\$10,000,000	\$213,750	\$11,250	\$213,750		Feasibility	Full SP	\$213,750	\$56,299,092		
56	Southeast	918	West Creek Hydroelectric Project	Municipality of Skagway Borough	Hydro	42.00	1.45	1.53	9.52	11.25	8.40	1.17	8.25	5.00	1.00	44.59	56	\$140,000,000	\$236,000	\$84,000	\$236,000		Feasibility	Full	\$236,000	\$56,535,092		
57	Kodiak	901	Karluk Tribal Council - Wind Energy System	Karluk Tribal Council	Wind	28.17	0.43	0.48	26.25	0.00	5.63	4.00	0.38	5.00	2.67	43.93	57	\$1,300,000	\$81,000	\$300	\$70,000		FeasibilityDesign	Partial	\$70,000	\$56,605,092		
58	Kodiak	923	Afognak Biomass Feasibility Study	Native Village of Afognak	Biomass	57.00	3.47	3.22	8.32	0.00	11.40	0.83	11.88	5.00	3.00	40.43	58	\$1,633,974	\$170,974		\$170,974		ReconFeasibility	Full SP	\$170,974	\$56,776,066		
59	Railbelt	979	Waste-to-Energy Feasibility Study	Chugach Electric Association, Inc.	Biofuels	45.67	1.48	1.48	6.23	10.50	9.13	0.00	8.88	0.00	3.50	38.23	59		\$550,000	\$150,000	\$40,000		Feasibility	Partial	\$40,000	\$56,816,066		
60	Railbelt	977	Carlo Creek Hydroelectric Project Reconnaissance Study	Native Village of Cantwell	Hydro	39.50	0.94	4.59	9.81	6.00	7.90	2.00	1.25	5.00	3.33	35.29	60	\$7,500,000	\$66,500	\$3,500	\$30,000		Recon	Partial	\$30,000	\$56,846,066		
Subtotal		Count = 19															\$284,457,510	\$12,410,235	\$1,419,425	\$1,940,084	\$1,533,627	\$5,659,124			\$6,846,066			
61	Northwest Arctic	946	Shungnak Solar Energy Construction Project	Alaska Village Electric Cooperative, Inc.	Solar		0.66	0.63										\$650,000	\$585,000	\$65,000			Construction	NotRecomnd				
62	Aleutians	961	Atka Wind Power Project	City of Atka	Wind														\$140,000	\$50,000				ReconFeasibility	NotRecomnd			
63	Bristol Bay	910	Igiugig Wind Turbine Design	Lake and Peninsula Borough	Wind		0.52	1.21										\$250,000	\$205,000	\$45,000			Design	NotRecomnd				
64	Aleutians	969	Nelson Lagoon Wind Energy Project	Nelson Lagoon Electric Cooperative	Wind		0.93	0.56											\$218,195	\$5,000				Design	NotRecomnd			
65	Southeast	938	Feasibility Study and Conceptual Design of Tenakee Inlet Geothermal R	Inside Passage Electric Cooperative	Geothermal		0.38	1.06										\$27,000,000	\$3,485,000					Feasibility	NotRecomnd			
66	Lower Yukon-Kuskokwim	970	Kipnuk Wind Diesel Power Generation and Heating	Kipnuk Light Plant	Wind		0.81	1.49										\$4,067,778	\$2,567,778	\$1,500,000			DesignConstruction	NotRecomnd				
67	Yukon-Koyukok/Upper Tanana	932	Design and Construction of Biomass Systems in Interior Villages	Interior Regional Housing Authority	Biomass		1.90	1.47										\$1,314,380	\$1,314,380	\$108,313			DesignConstruction	NotRecomnd				
68	Bering Straits	951	St. Michael/Stebbins Wind Energy Final Design and Permitting Project	Alaska Village Electric Cooperative, Inc.	Wind		1.64	1.76										\$5,000,000	\$332,500	\$17,500			Design	NotRecomnd				
69	Lower Yukon-Kuskokwim	950	Russian Mission Wind Feasibility and Conceptual Design Project	Alaska Village Electric Cooperative, Inc.	Wind		0.52	0.89										\$1,530,000	\$142,500	\$7,500			Feasibility	NotRecomnd				
70	Northwest Arctic	984	Noatak Wind Resource Assessment	Noatak IRA	Wind		0.98	1.53										\$2,000,000	\$181,000				FeasibilityDesign	NotRecomnd				
71	Bering Straits	973	Elim Geothermal Resource Assessment I Feasibility	City of Elim	Geothermal		0.28	0.39										\$10,000,000	\$527,908					Recon	NotRecomnd			
72	Aleutians	968	False Pass Wind Energy Project	City of False Pass Electric Utility	Wind		0.64	0.30										\$190,195	\$185,195	\$5,000				Design	NotRecomnd			
73	Railbelt	960	TidGen™ Array Project	ORPC Alaska 2, LLC	Other		-0.01	0.01										\$8,696,494	\$2,000,000	\$6,696,494				Construction	NotRecomnd			
74	Lower Yukon-Kuskokwim	972	Akiak Wind Resource Assessment	Akiak Native Community/ Akiak IRA Council	Wind		0.58	1.24										\$2,000,000	\$181,000					Feasibility	NotRecomnd			
75	Bristol Bay	980	Bristol Bay Borough School District Energy Project	Bristol Bay Borough School District	Solar		1.45	1.06										\$460,000	\$45,000	\$10,000				DesignConstruction	NotRecomnd			
76	Aleutians	963	Mount Makushin Geothermal Project	The Aleut Corporation	Geothermal		0.49	3.13										\$311,304,000	\$32,464,000	\$540,000				ReconFeasDesnConst	NotRecomnd			
77	Copper River/Chugach	971	Eastern Copper Basin Geothermal Assessment	Copper Valley Development Association	Geothermal		0.68	0.00										\$0	\$695,950						Recon	NotRecomnd		
78	Southeast	905	HydroPower Surplus to Stored Hydrogen Feasibility Study	The Southeast Alaska Power Agency	Other		0.15											\$244,385	\$244,385	\$5,000				Feasibility	NotRecomnd			
79	Southeast	919	Medaklatla-Ketchikan Intertie	Medaklatla Indian Community (MIC)	Transmission		1.94	1.94										\$14,510,599	\$9,570,434						DesignConstruction	NotRecomnd		
80	Southeast	974	Neck Lake Hydro Project	Alaska Power Company (APC)	Hydro	28.83	0.74	0.88										\$2,777,885	\$297,600	\$74,400				FeasibilityDesign	NotPassStage2			
81	Southeast	920	Walker Lake Hydro Feasibility Project	Tlingit-Haida Regional Electric Authority	Hydro	29.50	0.01	0.01										\$690,000	\$640,000	\$50,000				ReconFeasDesign	NotPassStage2			
82	Southeast	964	Excursion Inlet Hydro Project- Phase II	Haines Borough	Hydro	29.83	1.09	1.86										\$15,900,000	\$213,536	\$10,000				Feasibility	NotPassStage2			
83	Southeast	958	Wrangell Power Plant Upgrade	City & Borough of Wrangell	TransmissionHydro													\$117,136	\$117,136						FeasDesignConstructi	NotPassStage1		
84	Lower Yukon-Kuskokwim	985	Electrical Power Lines -Western Alaska	Nuvista Light & Electric Cooperative, Inc.	TransmissionWind													\$82,000	\$82,000						Recon	NotPassStage1		
85	Southeast	906	Coffman Cove Hydropower Line Extension	City of Coffman Cove	Transmission	77.00	3.52	34.74	19.88	0.00	15.40	3.00	11.63	5.00	4.00	58.91		\$175,000	\$175,000	\$36,000					DesignConstruction	Withdrawn		
Subtotal		Count = 25																\$408,959,852	\$56,610,497	\$9,225,207								