

00 Enrolled HB3003

01 Making appropriations for the operating and loan program expenses of state government and
02 for certain programs; capitalizing funds; making capital appropriations and supplemental
03 appropriations; and providing for an effective date.

04

05 (SECTION 1 OF THIS ACT BEGINS ON PAGE 2)

01 * Section 1. The following appropriation items are for operating expenditures from the
02 general fund or other funds as set out in section 2 of this Act to the agencies named for the
03 purposes expressed for the fiscal year beginning July 1, 2021 and ending June 30, 2022,
04 unless otherwise indicated. A department-wide, agency-wide, or branch-wide unallocated
05 reduction set out in this section may be allocated among the appropriations made in this
06 section to that department, agency, or branch.

	Allocations	General Items Funds	Other Funds
* * * * *			
* * * * * Department of Commerce, Community, and Economic Development			* * * * *
* * * * *			* * * * *
Community and Regional Affairs	400,000	400,000	
Community and Regional Affairs	400,000		
Corporations, Business and Professional Licensing	1,500,000	1,500,000	
Corporations, Business and Professional Licensing	1,500,000		
* * * * *			
* * * * * Department of Corrections			* * * * *
* * * * *			* * * * *
Administration and Support	1,148,000		1,148,000
Office of the Commissioner	1,148,000		
* * * * *			
* * * * * Department of Health and Social Services			* * * * *
* * * * *			* * * * *
Alaska Pioneer Homes	408,100		408,100
Pioneer Homes	408,100		
Alaska Psychiatric Institute	501,600		501,600
Alaska Psychiatric Institute	501,600		
Public Health	1,250,000	1,250,000	
Nursing	1,250,000		
* * * * *			
* * * * * Department of Natural Resources			* * * * *
* * * * *			* * * * *
Fire Suppression, Land & Water Resources	1,070,000	270,000	800,000
Forest Management & Development	270,000		
Geological & Geophysical Surveys	800,000		
* * * * *			
* * * * * Department of Revenue			* * * * *
* * * * *			* * * * *
Taxation and Treasury	639,800	639,800	
Treasury Division	639,800		

17 (SECTION 2 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 2. The following sets out the funding by agency for the appropriations made in sec. 1 of
02 this Act.

Funding Source	Amount
Department of Commerce, Community, and Economic Development	
1004 Unrestricted General Fund Receipts	1,900,000
*** Total Agency Funding ***	1,900,000
Department of Corrections	
1269 Coronavirus State and Local Fiscal Recovery Fund	1,148,000
*** Total Agency Funding ***	1,148,000
Department of Health and Social Services	
1003 General Fund Match	1,250,000
1265 COVID-19 Federal	909,700
*** Total Agency Funding ***	2,159,700
Department of Natural Resources	
1004 Unrestricted General Fund Receipts	270,000
1108 Statutory Designated Program Receipts	800,000
*** Total Agency Funding ***	1,070,000
Department of Revenue	
1004 Unrestricted General Fund Receipts	639,800
*** Total Agency Funding ***	639,800
* * * * * Total Budget	6,917,500

22 (SECTION 3 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 3. The following sets out the statewide funding for the appropriations made in sec. 1 of
02 this Act.

03 Funding Source	Amount
04 Unrestricted General	
05 1003 General Fund Match 1,250,000	
06 1004 Unrestricted General Fund Receipts 2,809,800	
07 *** Total Unrestricted General *** 4,059,800	
08 Other Non-Duplicated	
09 1108 Statutory Designated Program Receipts	800,000
10 *** Total Other Non-Duplicated ***	800,000
11 Federal Receipts	
12 1265 COVID-19 Federal 909,700	
13 1269 Coronavirus State and Local Fiscal Recovery Fund 1,148,000	
14 *** Total Federal Receipts *** 2,057,700	

15 (SECTION 4 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 4. The following appropriation items are for operating expenditures from the general
 02 fund or other funds as set out in section 5 of this Act to the agencies named for the purposes
 03 expressed for the fiscal year beginning July 1, 2020 and ending June 30, 2021, unless
 04 otherwise indicated. A department-wide, agency-wide, or branch-wide unallocated reduction
 05 set out in this section may be allocated among the appropriations made in this section to that
 06 department, agency, or branch.

	Appropriation	General	Other
	Allocations	Items	Funds Funds
08	* * * * *		* * * * *
09	* * * * *		* * * * *
10	* * * * *	Department of Public Safety	* * * * *
11	* * * * *		* * * * *
12	Fire and Life Safety	26,300	26,300
13	Fire and Life Safety	26,300	
14	Alaska State Troopers	273,400	273,400
15	Alaska Bureau of Judicial Services	94,400	
16	Alaska State Trooper	179,000	
17	Detachments		

19 (SECTION 5 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 5. The following sets out the funding by agency for the appropriations made in sec. 4 of
 02 this Act.

03 Funding Source	Amount
04 Department of Public Safety	
05 1004 Unrestricted General Fund Receipts 283,700	
06 1005 General Fund/Program Receipts 16,000	
07 *** Total Agency Funding *** 299,700	
08 * * * * * Total Budget * * * * * 299,700	

09 (SECTION 6 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 6. The following sets out the statewide funding for the appropriations made in sec. 4 of
 02 this Act.

03 Funding Source	Amount
04 Unrestricted General	
05 1004 Unrestricted General Fund Receipts	283,700
06 *** Total Unrestricted General ***	283,700
07 Designated General	
08 1005 General Fund/Program Receipts	16,000
09 *** Total Designated General ***	16,000

10 (SECTION 7 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 7. The following appropriation items are for capital projects and grants from the
 02 general fund or other funds as set out in section 8 of this Act by funding source to the
 03 agencies named for the purposes expressed and lapse under AS 37.25.020, unless otherwise
 04 noted.

	Appropriation	General	Other
	Allocations	Items	Funds Funds
07	* * * * *		* * * * *
08	* * * * *	Department of Commerce, Community, and Economic Development	* * * * *
09	* * * * *		* * * * *
10	Federal Relief State Tourism Grant (HD 1-40)	10,481,300	10,481,300
11	Alaska Energy Authority - Round IX	4,750,973	4,750,973
12	Renewable Energy Project Grants (AS 42.45.045)		
13	City of Unalaska Wind Power Feasibility and Conceptual Design (HD 37)	139,000	
14	Kotzebue Community-Scale Energy Storage System (HD 40)	325,000	
15	Naknek Service Area Wind and Solar Power Feasibility and Conceptual Design (HD 37)	103,500	
16	Kotlik Wind Energy Feasibility and Conceptual Design Project (HD 39)	237,500	
17	Dillingham Nuyakuk River Hydroelectric Project (HD	1,000,000	

30 37)

31 Goodnews Bay Wind Energy 128,250

01 Feasibility and Conceptual

02 Design Project (HD 38)

03 Shungnak Heat Recovery 1,303,607

04 Expansion (HD 40)

05 Kongiganak Improved Airfoil 108,000

06 for Wind Turbines (HD 38)

07 Walter Northway School Wood 650,000

08 Chip Heating System (HD 6)

09 Hoonah Water Supply Creek 461,474

10 Hydro Final Design (HD 35)

11 Cordova Hydro Storage 294,642

12 Assessment Project (HD 32)

13 * * * * *

14 * * * * * Department of Education and Early Development * * * * *

15 * * * * *

16 William N. Miller K-12 School 3,132,000 3,132,000

17 Demolition, Napakiak (HD 38)

18 (SECTION 8 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 8. The following sets out the funding by agency for the appropriations made in sec. 7 of

02 this Act.

Funding Source	Amount
04 Department of Commerce, Community, and Economic Development	
05 1210 Renewable Energy Grant Fund 4,750,973	
06 1265 COVID-19 Federal 10,481,300	
07 *** Total Agency Funding *** 15,232,273	
08 Department of Education and Early Development	
09 1004 Unrestricted General Fund Receipts 3,132,000	
10 *** Total Agency Funding *** 3,132,000	
11 * * * * * Total Budget * * * * * 18,364,273	

12 (SECTION 9 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 9. The following sets out the statewide funding for the appropriations made in sec. 7 of

02 this Act.

Funding Source	Amount
04 Unrestricted General	
05 1004 Unrestricted General Fund Receipts 3,132,000	
06 *** Total Unrestricted General *** 3,132,000	
07 Designated General	
08 1210 Renewable Energy Grant Fund 4,750,973	
09 *** Total Designated General *** 4,750,973	
10 Federal Receipts	
11 1265 COVID-19 Federal 10,481,300	
12 *** Total Federal Receipts *** 10,481,300	

13 (SECTION 10 OF THIS ACT BEGINS ON THE NEXT PAGE)

01 * Sec. 10. ALASKA PERMANENT FUND. The sum of \$730,500,000 is appropriated to

02 the dividend fund (AS 43.23.045(a)) for the payment of a permanent fund dividend in the

03 amount of approximately \$1,100 to each eligible individual and for administrative and

04 associated costs for the fiscal year ending June 30, 2022, from the following sources:

05 (1) \$400,500,000 from the general fund;

06 (2) \$330,000,000 from the budget reserve fund (AS 37.05.540(a)).

07 * Sec. 11. DEPARTMENT OF COMMERCE, COMMUNITY, AND ECONOMIC

08 DEVELOPMENT. The amount of federal receipts received from the United States Economic

09 Development Administration as a result of the American Rescue Plan Act of 2021 (P.L. 117-

10 2), not to exceed \$1,000,000, is appropriated to the Department of Commerce, Community,

11 and Economic Development, economic development, for economic development planning

12 activities for the fiscal years ending June 30, 2022, June 30, 2023, and June 30, 2024.

13 * Sec. 12. DEPARTMENT OF EDUCATION AND EARLY DEVELOPMENT. The

14 amount of federal receipts received from sec. 2014, P.L. 117-2 (Subtitle A - Education

15 Matters, Part 1 - Funding for the Individuals with Disabilities Education Act, American

16 Rescue Plan Act of 2021) for funding for the Individuals with Disabilities Education Act,

17 estimated to be \$9,266,700, is appropriated to the Department of Education and Early

18 Development, education support and administrative services, student and school achievement,

19 for efforts to recover from the novel coronavirus disease (COVID-19) public health

20 emergency, safely reopen schools, and sustain safe operations for the fiscal years ending

21 June 30, 2022, June 30, 2023, and June 30, 2024.

22 * Sec. 13. DEPARTMENT OF HEALTH AND SOCIAL SERVICES. (a) The amount of

23 federal receipts received from sec. 2401, P.L. 117-2 (Subtitle E - Testing, Part 2 - Funding for

24 COVID-19 testing, contact tracing, and mitigation activities, American Rescue Plan Act of

25 2021) for the novel coronavirus disease (COVID-19) testing, contact tracing, and mitigation

26 activities in confinement facilities, estimated to be \$1,600,000, is appropriated to the

27 Department of Health and Social Services, division of public health, emergency programs, to

28 detect and mitigate COVID-19 in confinement facilities for the fiscal years ending June 30,

29 2022, June 30, 2023, and June 30, 2024.

30 (b) The amount of federal receipts received from the American Rescue Plan Act of

31 2021 (P.L. 117-2) to mitigate and respond to the novel coronavirus disease (COVID-19), not

01 to exceed \$50,222,500, is appropriated to the Department of Health and Social Services,

02 division of public health, emergency programs, for that purpose for the fiscal years ending

03 June 30, 2022, June 30, 2023, June 30, 2024, and June 30, 2025.

04 (c) The amount of federal receipts received from the American Rescue Plan Act of

05 2021 (P.L. 117-2) to support seniors and individuals with disabilities during the novel
06 coronavirus disease (COVID-19) public health emergency, estimated to be \$5,000,000, is
07 appropriated to the Department of Health and Social Services, senior and disabilities services,
08 for supporting home-delivered meals to seniors, family caregiver support, and transportation
09 services and expanding access to COVID-19 vaccines to seniors and individuals with
10 disabilities, for the fiscal years ending June 30, 2022, June 30, 2023, and June 30, 2024.

11 * Sec. 14. DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES. (a) The
12 sum of \$221,000 is appropriated from the general fund to the Department of Transportation
13 and Public Facilities, Alaska marine highway system, marine vessel operations, for salary and
14 benefit adjustments for public officials, officers, and employees of the executive branch and
15 to implement the monetary terms of the ongoing International Organization of Masters,
16 Mates, and Pilots collective bargaining agreement for the masters, mates, and pilots unit for
17 the fiscal year ending June 30, 2022.

18 (b) The sum of \$441,900 is appropriated from the general fund to the Department of
19 Transportation and Public Facilities, Alaska marine highway system, marine vessel
20 operations, for salary and benefit adjustments for public officials, officers, and employees of
21 the executive branch and to implement the monetary terms of the ongoing International
22 Organization of Masters, Mates, and Pilots collective bargaining agreement for the masters,
23 mates, and pilots unit for the fiscal years ending June 30, 2022, and June 30, 2023.

24 (c) If a collective bargaining agreement described in (a) or (b) of this section is not
25 ratified by the membership of the masters, mates, and pilots collective bargaining unit, the
26 appropriations made in (a) and (b) of this section applicable to the collective bargaining unit's
27 agreement are adjusted proportionately by the amount for that collective bargaining
28 agreement, and the corresponding funding source amounts are adjusted accordingly.

29 * Sec. 15. FUND CAPITALIZATION. The sum of \$114,000,000 is appropriated to the oil
30 and gas tax credit fund (AS 43.55.028), from the following sources:

31 (1) \$54,000,000 from the general fund;

01 (2) (This paragraph did not receive the affirmative vote of three-fourths of the
02 members of each house of the legislature required by art. IX, sec. 17(c), Constitution of the
03 State of Alaska.)

04 * Sec. 16. LAPSE OF APPROPRIATIONS. (a) The appropriations made in secs. 10 and 15 of
05 this Act are for the capitalization of funds and do not lapse.

06 (b) The appropriations made in sec. 7 of this Act are for capital projects and lapse
07 under AS 37.25.020.

08 * Sec. 17. RETROACTIVITY. (a) Sections 4 - 6 of this Act are retroactive to June 30,
09 2021.

10 (b) Sections 1 - 3, 7 - 13, 14(a) and (c), 15, and 16 of this Act are retroactive to July 1,
11 2021.

12 * Sec. 18. Section 14(b) of this Act takes effect January 1, 2022.

13 * Sec. 19. Except as provided in sec. 18 of this Act, this Act takes effect immediately under
14 AS 01.10.070(c).

15

**Alaska Energy Authority - Round XIII Renewable Energy
Project Grants (AS 42.45.045)****FY2022 Request: \$4,750,973**
Reference No: AMD 57255**AP/AL:** Appropriation with Allocations**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)771-3000**Brief Summary and Statement of Need:**

The Renewable Energy Grant Recommendation Program (REGRP) was created in 2008 with the intent to appropriate \$50 million annually for five years. In 2012, the program was extended to June 30, 2023. The Legislature has appropriated \$282 million to date for this program since its creation. Applications received in 2020 are reconsidered for this round. This project funds the top \$4.7 million of recommended renewable energy projects that have been vetted through AEA's application review process including AEA's solicitation of advice from the Renewable Energy Fund Advisory Committee (REFAC). The REFAC unanimously voted in agreement with the recommendations and ranking as presented by AEA.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$4,750,973						\$4,750,973
Total:	\$4,750,973	\$0	\$0	\$0	\$0	\$0	\$4,750,973

☐ State Match Required	☐ One-Time Project	☐ Phased - new	☐ Phased - underway	☒ Ongoing
0% = Minimum State Match % Required		☒ Amendment	☐ 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:

Secx Ch1 SLA2019 P2 L23 SB142 \$11,000,000
Sec1 Ch38 SLA2015 P2 L17 SB26 \$11,512,659
Sec1 Ch18 SLA2014 P4 L8 SB119 \$22,843,900
Sec1 Ch16 SLA2013 P4 L20 SB18 \$25,000,000
Sec1 Ch17 SLA2012 P6 L15 SB160 \$25,870,659
Sec4 Ch5 SLA2011 P127 L23 SB46 \$26,620,231
Sec7 Ch43 SLA2010 P19 L20 SB230 \$25,000,000
Sec1 Ch15 SLA2009 P2 L23 SB75 \$25,013,014
Sec13 Ch29 SLA2008 P87 L20 SB221 \$100,000,000

Kongiganak Improved Airfoil for Wind Turbines**FY2022 Request: \$108,000****Reference No: AMD 63449****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Kongiganak**House District:** Lower Kuskokwim (HD 38)**Impact House District:** Lower Kuskokwim (HD 38)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

The Puvurna Power Company will retrofit the turbine blade sets on two of the existing Windmatic 17S wind turbines. The improved blades restrain peak power for greater drive train life; have reduced sensitivity to turbulence; and significantly improve annual energy production, by and estimated 30%. The retrofit of existing turbines with the advanced Solar Energy Research Institute (SERI) thin airfoils also serves as a test case for the potential upgrade of other aging wind turbines in rural Alaska. An in-kind match of \$9,000 will be provided.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$108,000						\$108,000
Total:	\$108,000	\$0	\$0	\$0	\$0	\$0	\$108,000

☐ State Match Required	☒ One-Time Project	☐ Phased - new	☐ Phased - underway	☐ Ongoing
0% = Minimum State Match % Required		☒ Amendment	☐ Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Dillingham Nuyakuk River Hydroelectric Project**FY2022 Request: \$1,000,000****Reference No: AMD 63452****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Dillingham**House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Impact House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

The proposed Project is to assess the feasibility of a new 10-12 MW run of river hydropower project approximately 4 miles downstream of the Tikchik Lake outlet above a natural falls on the Nuyakuk River. Hydro power produced by the project would be available to those customers of Nushagak Electric & Telephone Cooperation, and potentially other proximate communities in the region. Such hydro power development would reduce the Cooperative's reliance on diesel fuel for power production. A cash match of \$175,000 will be provided.

Funding:	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1210 Renew Ener	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

☐ State Match Required	☒ One-Time Project	☐ Phased - new	☐ Phased - underway	☐ Ongoing
0% = Minimum State Match % Required		☒ Amendment	☐ Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Hoonah Water Supply Creek Hydro Final Design**FY2022 Request: \$461,474****Reference No: AMD 63447****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Hoonah**House District:** Sitka/Petersburg (HD 35)**Impact House District:** Sitka/Petersburg (HD 35)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

The Inside Passage Electric Cooperative (IPEC) will prepare the final design and permitting for Water Supply Creek Hydro (WSCH). IPEC will provide in-kind match of \$75,000. This final design and permitting will, upon completion, bring the project into the "shovel-ready" phase.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$461,474						\$461,474
Total:	\$461,474	\$0	\$0	\$0	\$0	\$0	\$461,474

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ 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:

Shungnak Heat Recovery Expansion**FY2022 Request: \$1,303,607****Reference No: AMD 63450****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Shungnak**House District:** Arctic (HD 40)**Impact House District:** Arctic (HD 40)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

The proposed project will expand the heat recovery system in Shungnak, AK to provide heat for the health clinic, cookhouse community center, VPSO housing, and community store, displacing an estimated 14,036 gallons of fuel oil being used annually in these community facilities, for an estimated cost savings of \$115,797 per year at the current fuel price of \$8.25 per gallon. The heat recovery system currently serves the collective heating needs of the water treatment plant and city office.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$1,303,607						\$1,303,607
Total:	\$1,303,607	\$0	\$0	\$0	\$0	\$0	\$1,303,607

☐ State Match Required	☒ One-Time Project	☐ Phased - new	☐ Phased - underway	☐ Ongoing
0% = Minimum State Match % Required		☒ Amendment	☐ Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Goodnews Bay Wind Energy Feasibility and Conceptual Design Project

FY2022 Request: \$128,250
Reference No: AMD 63451

AP/AL: Allocation

Project Type: Energy

Category: Development

Location: Goodnews Bay

House District: Lower Kuskokwim (HD 38)

Impact House District: Lower Kuskokwim (HD 38)

Contact: Curtis Thayer

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)771-3000

Appropriation: Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)

Brief Summary and Statement of Need:

The Alaska Village Electric Cooperative, Inc. (AVEC), with the cooperation of the community, will assess the feasibility of wind resources suited to provide power to the community and prepare a conceptual design of a wind facility. AVEC will provide a match of \$6,750.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$128,250						\$128,250
Total:	\$128,250	\$0	\$0	\$0	\$0	\$0	\$128,250

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
0% = Minimum State Match % Required ☒ Amendment ☐ 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:

Walter Northway School Wood Chip Heating System**FY2022 Request:****\$650,000****Reference No:****AMD 63448****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Northway**House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Impact House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

The Northway School Woodchip Heating Project will construct a biomass wood chip district heating system to service the Northway School and Garage. This project will replace about 23,166 gallons of imported heating fuel, which is approximately 90% of the current usage. An in-kind match of \$62,375 will be provided. This project will create local wood harvesting and small business opportunities, providing a use for wood that is harvested to protect communities from wildfire risk while decreasing the community's dependence on diesel fuel.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$650,000						\$650,000
Total:	\$650,000	\$0	\$0	\$0	\$0	\$0	\$650,000

☐ State Match Required	☒ One-Time Project	☐ Phased - new	☐ Phased - underway	☐ Ongoing
0% = Minimum State Match % Required		☒ Amendment	☐ Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Kotlik Wind Energy Feasibility and Conceptual Design Project	FY2022 Request:	\$237,500
	Reference No:	AMD 63453

AP/AL: Allocation Category: Development Location: Kotlik Impact House District: Bering Straits/Yukon Delta (HD 39) Estimated Project Dates: 07/01/2021 - 06/30/2026 Appropriation: Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)	Project Type: Energy House District: Bering Straits/Yukon Delta (HD 39) Contact: Curtis Thayer Contact Phone: (907)771-3000
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Brief Summary and Statement of Need:

The Alaska Village Electric Cooperative, Inc. (AVEC), with the cooperation of the community, will assess the feasibility of wind resources suited to provide power to the community and to prepare a conceptual design of a wind facility. AVEC will provide a match of \$12,500.

Funding:	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1210 Renew Ener	\$237,500						\$237,500
Total:	\$237,500	\$0	\$0	\$0	\$0	\$0	\$237,500

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing 0% = Minimum State Match % Required ☒ Amendment ☐ 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:

Naknek Service Area Wind and Solar Power Feasibility and Conceptual Design **FY2022 Request:** **\$103,500**
Reference No: **AMD 63454**

AP/AL: Allocation

Project Type: Energy

Category: Development

Location: Naknek

House District: Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)

Impact House District: Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)

Contact: Curtis Thayer

Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)771-3000

Appropriation: Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)

Brief Summary and Statement of Need:

Naknek Electric Association (NEA) will assess, via a feasibility study and conceptual design process, the technical and economic feasibility of constructing a wind farm and expanding the Community's solar PV capacity. A cash match of \$11,500 will be provided.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$103,500						\$103,500
Total:	\$103,500	\$0	\$0	\$0	\$0	\$0	\$103,500

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Kotzebue Community-Scale Energy Storage System**FY2022 Request:****\$325,000****Reference No:****AMD 63455****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Kotzebue**House District:** Arctic (HD 40)**Impact House District:** Arctic (HD 40)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

The Kotzebue Electric Association (KEA) will install a community-scale Battery Energy Storage System (BESS) to manage variable generation from wind and solar power. The BESS will allow for 100+% renewable power generation from renewable resources and maximize use of KEA's wind and solar assets, and aligns with the KEA Board of Director's goal to achieve 50% renewable energy generation by 2025. A total match, both cash and in-kind of \$100,000 will be provided.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$325,000						\$325,000
Total:	\$325,000	\$0	\$0	\$0	\$0	\$0	\$325,000

☐ State Match Required	☒ One-Time Project	☐ Phased - new	☐ Phased - underway	☐ Ongoing
0% = Minimum State Match % Required		☒ Amendment	☐ Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

City of Unalaska Wind Power Feasibility and Conceptual Design**FY2022 Request: \$139,000**
Reference No: AMD 63456**AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Unalaska**House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Impact House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

City of Unalaska (COU) will initiate a feasibility assessment to determine the best method to integrate wind power with the planned geothermal power project (to be operational in 2024). The COU anticipates installing 2 to 5 MW of wind generation capacity, as to be determined by the results of this study. Design and construction funding will also be explored during this feasibility phase. The COU will provide a cash match of \$13,900 for this project.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$139,000						\$139,000
Total:	\$139,000	\$0	\$0	\$0	\$0	\$0	\$139,000

☐ State Match Required	☒ One-Time Project	☐ Phased - new	☐ Phased - underway	☐ Ongoing
0% = Minimum State Match % Required		☒ Amendment	☐ 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:

Cordova Hydro Storage Assessment Project**FY2022 Request: \$294,642****Reference No: AMD 60785**

AP/AL: Allocation
Category: Development
Location: Cordova

Project Type: Energy**House District:** Kodiak/Cordova/Seldovia (HD 32)**Impact House District:** Kodiak/Cordova/Seldovia (HD 32)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)771-3000**Appropriation:** Alaska Energy Authority - Round XIII Renewable Energy Project Grants (AS 42.45.045)**Brief Summary and Statement of Need:**

Cordova Electric Cooperative (CEC) will conduct an analysis of the hydroelectric resources in the area, per AEA's recommendation. CEC intends to collect LIDAR imagery and develop feasibility assessments on at least four potential storage locations. The results of this analysis will inform the strategic direction of CEC in the short and long term. The priority assessment is for storage capacity upstream of the existing Humpback Creek Hydroelectric project.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1210 Renew Ener	\$294,642						\$294,642
Total:	\$294,642	\$0	\$0	\$0	\$0	\$0	\$294,642

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ 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: