

Alaska Energy Authority - Defense Community Infrastructure Pilot Program

FY2024 Request: \$0
Reference No: 64646

AP/AL: Appropriation **Project Type:** Energy
Category: Development
Location: Statewide **House District:** Statewide (HD 1 - 40)
Impact House District: Statewide (HD 1 - 40) **Contact:** Curtis W. Thayer
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)771-3000

Brief Summary and Statement of Need:

This project is for the extension of an electric power line to the Black Rapids Training Site in Delta Junction, Alaska. Funding is being awarded through the Defense Community Infrastructure Pilot Program that provides funding to state and local governments through competitive application to address deficiencies in community infrastructure supportive of a military installation. The Alaska Energy Authority partnered with Golden Valley Electric Cooperative (GVEA) to apply to this program. This increase is for federal receipt authority. A state match is not required. The GVEA has committed funds to complete the project.

Funding:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1002 Fed Rcpts	\$12,752,540						\$12,752,540
Total:	\$12,752,540	\$0	\$0	\$0	\$0	\$0	\$12,752,540

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> 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:

Project Description/Justification:

Alaska Energy Authority (AEA) partnered with GVEA to apply for funding in July 2022. GVEA will extend an electric power line approximately thirty-four miles to the south, making electrical power available to Black Rapids Training Site. Final details including exact route specifications are in process. The route is expected to transverse Department of Transportation and Public Facilities (DOT&PF) easements. The US Army Garrison Alaska and DOT&PF are supportive of the extension.

The Black Rapids Training Site (BRTS) is powered by three diesel gensets that are approaching the end of their useful life. Replacement costs are estimated at over \$25 million. The lack of an energy source that is reliable, safe, and clean creates significant challenges for the site and accounts for degradation of military value and resilience. A major concern is the lack of backup support for generators. The reliance on diesel fuel deliveries creates the possibility of a catastrophic failure, potentially stranding the site without electric or water, as the water supply is dependent on electric powered pumps.

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Funding is anticipated to be awarded by September 30, 2022. The start date for the project is 9/1/2022 and estimated completion 6/30/2026. A supplemental request is needed to meet the project timeline.

No cost match is required, and GVEA has committed \$272,328 for a total project \$13,024,868.