

Three-Phase Power Extensions and Upgrades to Delta Farm Region and Co-Op

FY2024 Request: \$3,000,000
Reference No: 64822

AP/AL: Appropriation
Category: Development
Location: Delta Junction

Project Type: Energy
Recipient: Golden Valley Electric Association
House District: Richardson Hwy/East Mat-Su (HD 9)

Impact House District: Richardson Hwy/East Mat-Su (HD 9)

Contact: Micaela Fowler

Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)465-2506

Brief Summary and Statement of Need:

This appropriation provides a \$3 million grant to the Golden Valley Electric Association for the purpose of extending three-phase power throughout the Delta region to enhance production, incentivize expansion, and lower input costs for producers as well as customers.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund	\$3,000,000						\$3,000,000
Total:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

<input type="checkbox"/> State Match Required	<input 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:

To further food security objectives in Alaska, priorities in the near term will focus on enhancing existing production and incentivizing expansion. Many farms in the Delta region either lack three-phase power or are off the power grid entirely.

The Delta Co-Op is currently served by single phase power but must use a diesel-powered three-phase generator to operate its grain dryer at a dramatically higher cost. By extending three-phase power to the remaining farms that lack three-phase service, along with the Co-Op, this extension and upgrade will lower input costs for producers, prices for their customers, and potentially facilitate expanded use of irrigation and drying equipment.

This project is in Golden Valley Electric Association’s service area and the estimated cost is \$3 million to extend and/or upgrade service to the Co-Op, Saw Mill Road, and Cummings Road. Because the Co-Op serves the entire region, expansion of three-phase service will be prioritized for this location.