

PRESS RELEASE

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FOR IMMEDIATE RELEASE**AEA Awards \$20.9 Million to Strengthen Interior Alaska's Grid Resilience**

ANCHORAGE, January 8, 2025 — The Alaska Energy Authority (AEA), in partnership with the United States Department of Energy, has awarded \$20.9 million to three Golden Valley Electric Association (GVEA) grid resilience projects. These projects are designed to enhance Interior Alaska's transmission infrastructure and improve its ability to withstand disruptive events.

The awarded projects include:

- **Alaska Intertie Snow Load Resiliency (\$10.3 million)** — This project, awarded to GVEA on behalf of the Alaska Intertie Management Committee, will mitigate trip events along the Alaska Intertie. The initiative involves reconfiguring conductor insulators to prevent ground contact caused by sagging due to unbalanced snow loads.
- **Interior Alaska Power Line Resiliency (\$8.9 million)** — GVEA will relocate sinking transmission poles affected by permafrost within its service area and modify existing transmission line insulators to address unbalanced snow loading, reducing power disruptions.
- **Alaska Railbelt Synchrophasor and Disturbance Reporting System (\$1.7 million)** — Also awarded to GVEA on behalf of the Alaska Intertie Management Committee, this project will enhance real-time data sharing between Railbelt substations. The installation of a synchrophasor data collection network aims to reduce system-wide disruptive oscillation events.

"These investments are pivotal for strengthening Alaska's overall grid resilience," **said AEA Executive Director Curtis W. Thayer.** "Through these projects, we're working to reduce the frequency, duration, and severity of disruptive events, ensuring a more reliable energy system for all Alaskans."

"These grant opportunities through AEA will provide long-term benefits to GVEA's member-owners. The awarded projects will improve reliability and resiliency while enhancing safety for GVEA's team in the field and our members. By making these projects economically viable, the grant funds will help us deliver lasting value to the communities we serve," **said GVEA Chief Executive Officer Travis Million.**

The Grid Resilience Grant Program, funded through Section 40101(d) of the Infrastructure Investment and Jobs Act, is administered through AEA. Over the program's five-year duration, AEA anticipates receiving \$60.5 million, with a 15 percent cost match requirement totaling \$9 million.

A second Request for Applications (RFA) is planned for the first quarter of 2025. Prospective applicants can learn more about the Grid Resilience Formula Grant Program and the status of future RFAs by visiting <https://www.akenergyauthority.org/grid-resilience-formula-grant-program>.

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About the Alaska Energy Authority

The Alaska Energy Authority is a public corporation of the state. Its mission is to reduce the cost of energy in Alaska. To achieve this mission, AEA strives to diversify Alaska's energy portfolio increasing resiliency, reliability, and redundancy. To learn more, visit akenergyauthority.org.