

Alaska Energy Data Storage and Access Revitalization Project

FY2025 Request: \$1,000,000
Reference No: 65472

AP/AL: Appropriation

Project Type: Research / Studies / Planning

Category: University

Location: Fairbanks (Areawide)

House District: Fairbanks Areawide (HD 31 - 35)

Impact House District: Fairbanks Areawide (HD 31 - 35)

Contact: Michelle Rizk

Estimated Project Dates: 07/01/2024 - 06/30/2029

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Brief Summary and Statement of Need:

The Alaska Center for Energy and Power (ACEP) will develop and implement a long-term data governance strategy including the revitalization and updating of energy data hosting platforms, databases, documentation and metadata, dashboards and data integrations that underlie the Alaska Energy Data Gateway (AEDG).

Funding:	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>FY2030</u>	<u>Total</u>
1004 Gen Fund	\$1,000,000	\$2,000,000	\$2,000,000				\$5,000,000
Total:	\$1,000,000	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$5,000,000

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

Following the recommendations of the Alaska Energy Security Task Force (AESTF) Data Subcommittee, the Alaska Center for Energy and Power (ACEP) will develop and implement a long-term data governance strategy including the revitalization and updating of energy data hosting platforms, databases, documentation and metadata, dashboards and data integrations that underlie the Alaska Energy Data Gateway (AEDG).

Project Description/Justification:

ACEP will work with the Department of Natural Resources, Department of Commerce, Community and Economic Development’s Alaska Energy Authority, the University of Alaska’s Institute of Social and Economic Research (UAA-ISER), and the Alaska Housing Finance Corporation to evaluate existing data sources for inclusion in a to a single data source.

The process will include recovery of existing historical systems and data sources, migration to new platforms, and the development of improved interfaces to help streamline the updating and validating of valuable datasets. The goal of this activity is to minimize costly and time-consuming duplication of effort and help agency data owners best manage and distribute their datasets with improved interfaces that allow for easier access as well as automated pathways to update the

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integrated energy dashboards of the AEDG. The AEDG interface will also be updated to allow for expanded capabilities. Responsibility for maintaining the underlying databases will remain with the state agencies while the AEDG will be maintained by ACEP and UAA-ISER. This is a multi-year project and is estimated to cost a total of \$5 million over three years.