

Agency: University of Alaska**Project Title:****Project Type:** Planning and Research

Alaska Center for Energy and Power - Statewide Energy Solutions

State Funding Requested: \$5,500,000
One-Time Need**House District:** Fairbanks Areawide (1-5)**Brief Project Description:**

Expand UAF's capabilities in energy technology testing and analysis.

Funding Plan:

Total Project Cost:	\$8,500,000
Funding Already Secured:	(\$0)
FY2014 State Funding Request:	(\$5,500,000)
Project Deficit:	\$3,000,000

Funding Details:

n/a

Detailed Project Description and Justification:

Expand UAF's capabilities in energy technology testing and analysis by leveraging resources throughout the U OF A system as well as an established national and international research network.

Funding will expand capabilities for

- Energy technology testing specific to Alaska conditions.
- Addressing barriers to deployment of emerging energy technologies.
- Leveraging existing externally funded programs for fossil-based and renewable energy research, including continued exploration of nuclear generators and advanced energy storage for rural applications.
- Formation of an Energy Analysis Group, drawing on expertise across the university to address timely topics such as getting Alaska's natural gas to market, enhancing oil production, developing stranded energy resources and leveraging emerging security and economic development opportunities to reduce energy costs for Alaskans.
- Fossil fuel research to integrate capacity across the university (e.g., geology, natural resource economics, petroleum engineering, public policy and water research) to allow the university to more effectively address the pressing issues facing the state today.

Project Timeline:

FY 14-FY18

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Alaska Center for Energy and Power

Grant Recipient Contact Information:

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Has this project been through a public review process at the local level and is it a community priority? Yes No