

**Agency: Commerce, Community and Economic Development****Grant Recipient: The Alaska Energy Authority****Project Title:****Project Type:** New Construction and Land Acquisition

# AEA - Girdwood and Substation Improvements

**State Funding Requested: \$4,000,000****House District: 32 / P**

One-Time Need

**Brief Project Description:**

Install ring busses at two substations to increase the flexibility of switching without cutting off power to consumers.

**Funding Plan:**

Total Project Cost:	\$4,000,000
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	<u>(\$4,000,000)</u>
Project Deficit:	\$0

*Funding Details:**None yet provided.***Detailed Project Description and Justification:**

This project will equip the Girdwood Substation and the new Sterling Substation with ring busses, a substation switching arrangement that consists of four or more breakers connected in a closed loop with the same number of connection points. Ring busses increase the flexibility of switching without cutting off power thereby increasing transmission system reliability. The Girdwood substation is Chugach Electric Association property. The Sterling substation is Homer Electric Association property.

**Project Timeline:**

These are estimated 2-year projects, with concurrent expenditures.

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

Chugach Elec. Assoc. maintains Girdwood Substn & Homer Elec. Assoc. maintains Sterling Substn

**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

*For use by Co-chair Staff Only:*

**\$4,000,000  
Approved**