

Agency: Commerce, Community and Economic Development**Grant Recipient: The Alaska Energy Authority****Project Title:****Project Type:** Remodel, Reconstruction and Upgrades

AEA - Quartz Creek to Soldotna Transmission Maintenance and Repair

State Funding Requested: \$10,000,000
One-Time Need

House District: Kenai Areawide (33-35)**Brief Project Description:**

Upgrade and improve an aging transmission line that is an important segment of the Railbelt grid.

Funding Plan:

Total Project Cost:	\$10,000,000
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	<u>(\$10,000,000)</u>
Project Deficit:	\$0

*Funding Details:**None to date***Detailed Project Description and Justification:**

The transmission line segment between Soldotna and Quartz Creek substations is a crucial link between Bradley Lake and the five utilities to the north of Soldotna. With the Battle Creek diversion into Bradley Lake, this single line will transmit upwards of 375,000mWh annually to these utilities. The line is in need of substantial upgrade and improvement. This effort will increase the reliability of the system and facilitate delivery of inexpensive and reliable renewable Bradley Lake power. Homer Electric owns the intertie.

Project Timeline:

This project will take 2 years to complete, with approximately \$5 million expended per year.

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

Homer Electric Association

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