

Alaska Energy Authority - Napakiak-Bethel Intertie Right-of-Way and Site Control **FY2008 Request: \$84,000**
Reference No: 43323

AP/AL: Appropriation **Project Type:** Renewal and Replacement
Category: Development
Location: Bethel **Contact:** Ron Miller
House District: Bethel (HD 38) **Contact Phone:** (907)269-3000
Estimated Project Dates: 07/01/2007 - 06/30/2012

Brief Summary and Statement of Need:

The Alaska Energy Authority owned electrical distribution line between Napakiak and Bethel is in the process of being upgraded from a single distribution line to a three-phase line through a federal grant to Napakiak Ircinraq Power Company. To comply with the terms of the federal grant, State funds are required to complete the right of way acquisition and to cover associated site control costs. This amendment is being requested as it was recently discovered that the right-of-way filings had not been finalized and needs to be done before the federal project can proceed.

Funding:	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>Total</u>
Gen Fund	\$84,000						\$84,000
Total:	\$84,000	\$0	\$0	\$0	\$0	\$0	\$84,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
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
<u>One-Time Startup:</u>	<u>0</u>	<u>0</u>
Totals:	0	0

Additional Information / Prior Funding History:

No prior funding request.

Project Description/Justification:

The Alaska Energy Authority (AEA) owned electrical distribution line between Napakiak and Bethel is in the process of being upgraded from a single distribution line to a three-phase line through a federal grant to Napakiak Ircinraq Power Company.

The Napakiak-Bethel Intertie (the Project) is a 10.5 mile AEA owned distribution line between Napakiak and Bethel built in 1980 as a Single Wire Ground Return (SWGR) demonstration project. This line allows Napakiak Ircinraq Power Company (NIPC) to buy electricity from the Bethel Utility. This distribution line is past its initial usefulness, and has been deteriorating, resulting in line losses, high energy costs, and appliance and equipment failures. AEA assisted NIPC in applying for a United States Department of Agriculture - Rural Utility System grant to upgrade the line from a SWGR to a three-phase line. The grant application was successful and \$2,775,000 was awarded to NIPC for this Project. Once the upgrade is completed, AEA intends to transfer the distribution line to the Napakiak Ircinraq Power Company.

AEA historical files are incomplete and indicate that the right-of-way filings were not finalized. To comply with the terms of the federal grant, State funds are required to acquire a right-of-way and to cover associated site control costs, such as survey, appraisal and recording fees.