Alaska Energy Authority Electrical Emergencies Program FY2011 Request: \$250,000 Reference No: 47031

AP/AL: Appropriation **Project Type:** Energy

Category: Development

Location: Statewide **Contact:** Steve Haagenson **Contact Phone:** (907)771-3000

Estimated Project Dates: 07/01/2010 - 06/30/2015

Brief Summary and Statement of Need:

The Electrical Emergencies program provides technical support when an electric utility has lost, or will lose, the ability to generate or transmit power to its customers and the condition is a threat to life, health, and/or property. This program contributes to the department's mission of promoting healthy economy and strong communities as electricity is considered essential for both community development and economic growth.

| Funding: | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | Total |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Gen Fund | \$250,000 | \$330,000 | \$330,000 | \$330,000 | \$330,000 | \$330,000 | \$1,900,000 |
| Total: | \$250,000 | \$330,000 | \$330,000 | \$330,000 | \$330,000 | \$330,000 | \$1,900,000 |

| ☐ State Match Required ☐ One-Time Project | ☐ Phased - new | ☐ Phased - underway ☑ On-Going | |
|---|----------------|--------------------------------|--|
| 0% = Minimum State Match % Required | ☐ Amendment | | |

Operating & Maintenance Costs:

| | Amount | Staff |
|----------------------|--------|-------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 0 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 0 | 0 |

Additional Information / Prior Funding History:

Refer to the funding matrix in the detailed description.

Project Description/Justification:

The Electrical Emergencies Program provides funds and technical support when an electric utility has lost, or will lose the ability to generate or transmit power to its customers and the condition is a threat to life, health, and/or property in the community.

Emergencies of this type result in the loss of communications, lights, refrigeration systems, washeterias, water and sewer systems, and the use of other basic infrastructure and equipment.

Extended power outages during the winter months can be expensive and they compromise public safety:

- Water and sewer systems are subject to freezing and bursting
- Fire hazards increase
- Medical clinics and other public facilities may close

The emergencies may involve power plant failures and/or distribution system failures.

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Funding History:

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|---------------|--------------|--|
| Year | Amount | Legislation |
| | | |
| FY10 | 330.4 | SLA 09, Ch 15, Sec 1, Pg 2, Ln 20-22 |
| FY09 | 330.4 | SLA 08, Ch 29, Sec 39(a) & (b), Pg 213, Ln 22-29 |
| FY08 | 337.4 | SLA 07, Ch 30, Pg 156-157, Ln 28 & Ln 2 |
| FY07 | 349.1 | SLA 06 Ch 82 Pg 146, Ln 20 & 25 |
| FY06 | 333.1 | FSSLA 05, Ch 3, Pg 102, Ln 8 |
| FY05 | 331.9 | SLA 04, Ch 159, Pg 58, Ln 14 |
| FY04 | 349.5 | SLA 03, Ch 82, Pg 87, L Ln 10 |
| FY03 | 378.0 | SLA 02, Ch 1, Pg 110, Ln 14 |
| FY02 | 425.2 | SLA 01, Ch 61, Pg 75, Ln 22 |
| FY01 | 603.0 | SLA 00, Ch 135, Pg 66, Ln 30 |
| FY00 | 351.5 | SLA 99, Ch 2, Pg 5, Ln 20 |
| FY99 | 392.7 | SLA 98, Ch 139, Pg 3, Ln 13 |
| FY98 | 375.4 | SLA 97, Ch 100, Pg 21, Ln 19 |