

Federal Scout Readiness Centers Energy Projects

FY2005 Request: \$150,000
Reference No: 32560

AP/AL: Appropriation

Project Type: Construction

Category: Public Protection

Location: Statewide

Contact: John Cramer

Election District: Statewide

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Estimated Project Dates: 07/01/2003 - 06/30/2008

Brief Summary and Statement of Need:

This is for Federal Authority only. 100% Federal Funds are provided by the National Guard Bureau.

| Funding: | FY2005 | FY2006 | FY2007 | FY2008 | FY2009 | FY2010 | Total |
|-----------------|-----------|-----------|--------|--------|--------|--------|-----------|
| Fed Rcpts | \$150,000 | \$150,000 | | | | | \$300,000 |
| Total: | \$150,000 | \$150,000 | \$0 | \$0 | \$0 | \$0 | \$300,000 |

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|---|---|---------------------------------------|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" 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> |
|----------------------------------|---------------|--------------|
| Total Operating Impact: | 0 | 0 |
| One-Time Startup Costs: | 0 | |
| Additional Estimated Annual O&M: | 0 | 0 |

Prior Funding History:

FY01 \$240,000 received, \$240,000 expended

FY02 \$300,000 received, \$300,000 expended

FY03 \$290,000 received, unexpended

FY04 \$153,300 received, unexpended

Sites are selected based on number of Guardsmen at the site and the anticipated energy savings generated by the upgrade. Current projects consist of installing Direct Digital Controls to maximize heating efficiency, replacing hot water boilers and furnances, increasing building insulation and downsizing hot water tanks.

Project Description/Justification:

Detailed Project Justification:

Each year specific federal funding is earmarked for energy projects that compete based on their scoring of the Saving to Investment Ratio (SIR) calculation. The SIR considers how much is spent on the upgrade and how much is saved over the economic life of the upgrade. This means that both large and small projects compete on the same basis. Our SIR's have a simple payback of approximately 5 years.

Why is this Project Needed Now:

The energy projects will reduce the annual operating consumption rates regarding heating and electrical energy requirements. The projects also generate economic activity when materials are purchased and construction labor is utilized.

Specific Spending Detail:

Design will be done in-house and construction work will be bid. Construction materials are purchased and installed by the contractor.

State Match Required:

No. Federal Authority Only.

Annual Ongoing Operating and Maintenance Costs:

Expect reduction in Energy Consumption. As rates rise, cost could stay the same or increase. The reduction expected is in consumption.

Project Status:

On-going.

Historical Category:

Health & Safety

Project Type:

Deferred Maintenance and Construction