

**Agency: Commerce, Community and Economic Development****Grant Recipient: Community & Economic Dev****Project Title:****Project Type: Equipment and Materials**

# Alaska Energy Authority - Ticasuk Brown and Badger Road Elementary Schools Pellet Boilers

**State Funding Requested: \$550,000**  
One-Time Need

**House District: Fairbanks Areawide (7-11)**

**Brief Project Description:**

Installation of a 1 to 1.7 MMBTU Pellet Boiler

**Funding Plan:**

Total Project Cost:	\$550,000
Funding Already Secured:	(\$0)
FY2013 State Funding Request:	<u>(\$550,000)</u>
Project Deficit:	\$0

**Detailed Project Description and Justification:**

The Fairbanks North Star Borough School District (FNSBSD) is facing a budget crisis, much of which is driven by energy costs. The school district is projecting a budget shortfall of approximately \$12 million for FY2013.

The funding requested here will provide for a 1 to 1.7 MMBTU wood pellet fuel boiler at the Ticasuk Brown Elementary School and as funding permits, Badger Road Elementary School. The Alaska Energy Authority (AEA) will manage the project. The pellet boiler will replace the diesel boiler currently being used and will eliminate the need for approximately 20,000 gallons of fuel oil every year at Ticasuk Brown Elementary School. This project will involve school district personnel and will likely involve local contractors and design engineers. The project will likely employ local residents in construction, keep energy money within the State of Alaska and utilize regional biomass resources from the North Pole area.

The installation of a wood pellet boiler will save the Fairbanks North Star Borough School District an estimated \$31,000 annually.

**Project Timeline:**

The unit will be installed by the beginning of the 2012-2013 heating season.

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

Fairbanks North Star Borough School District

**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

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