

Agency: Department of Education and Early Development**Project Title:****Project Type:** Remodel, Reconstruction and Upgrades

Alaska Gateway School District - Tok School Biomass Energy System

State Funding Requested: \$325,000
One-Time Need**House District:** 6 / C**Brief Project Description:**

Installation of an electrical generation system into the new biomass heating system currently heating the school.

Funding Plan:**Total Cost of Project:** \$325,000*There is no other funding needed***Detailed Project Description and Justification:**

The Tok School currently has a newly installed biomass energy system to supply heat. This funding will install an electrical generation system that utilizes the renewable energy biomass process.

A 120 Kw electrical generator will be installed this summer's (2010) construction season. Providing electricity for the school from the biomass system will add an additional savings in energy costs of \$170,000 per year.

Under the community's Emergency Preparedness Plan, the Tok School has been designated as the only safe gathering point and has been used when past wildfires have struck as a command and control point for federal and state agencies. Installation of this electrical generation system at the school will provide the back-up needed for all responders as well as the public should the main power grid in the community be compromised.

Project Timeline:

The electrical system will be installed and connected during the 2010 construction season.

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

Alaska Gateway 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