

## Wainwright Heat Recovery

**Grantees** North Slope Borough (Utility-Government)  
**Technology Type** HEAT RECOVERY  
**Region** North Slope  
**AEDG Project Code** 10395

### REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
2	243	Wainwright Heat Recovery	2195471	403037	Feasibility	7/1/09	8/31/12	Closed

### Grant 2195471: Wainwright Heat Recovery

**Project Scope:** The North Slope Borough will use the grant funds to complete the final design of a waste heat system to deliver recovered heat from the existing diesel powerhouse to several public buildings in the community. The North Slope Borough (NSB) recently commissioned an update of the Project Analysis Report (feasibility study) entitled, “Village Heat Recovery” dated February 2006. The prior study assessed the previously constructed waste lines and costs associated with waste heat utilization in Arctic and/or permafrost conditions in six NSB villages. The NSB will be the primary participant and will utilize internal expertise and retain external consultants and contractors that have special expertise in designing waste heat pipelines, connecting building heating plants to the pipe lines, and recommending operations and maintenance schedules.

**Project Status:** The final design was completed, and the grantee requested a change in scope for the construction phase of the project. The request for change in scope will not move forward because the scope items were for maintenance repairs and are not eligible for reimbursement under the Renewable Energy Fund. This project was closed June 2013 with no expenditure of funds.