Alaska Energy Cost Reduction Program
Progress Report

Grantee: Alaska Village Electric Cooperative, Inc.

Project Name: AVEC Diesel Generator Improvements Project
Emmonak 7G58
Hooper Bay 8G66
Mt. Village 68G36
Nunapitchuk 9G57
Togiak 10G61

Grant #: **2195128**

Period of Report: 08/2004 to 01/2005

Project Activities Completed:

Specifications written for procurement of generator sets
Advertisement of bids
Bids received and evaluated
Successful bidder notified
Generator set received
Generator set tested
Corrective action to poor response to load changes completed
Generator set retested
Designs Completed
Installation materials procured
Manpower identified

Togiak – The Togiak Cummins QSX15 was put on-line either October 8 or October 10, 2004.

Emmonak – Caterpillar 3456 Generator set was scheduled to be delivered in Anchorage on 6/8/04 and ship on Yutana Barge Lines 7/3/04 voyage to Emmonak. Unit was shipped on Northland voyage 4008 to Emmonak. Unit was delivered to Emmonak.

Mountain Village - Caterpillar 3456 Generator set was scheduled to be delivered in Anchorage on 6/8/04 and ship on Yutana Barge Lines 7/3/04 voyage to Mountain Village. Unit was delivered to Mountain Village.

Existing or Potential Problems:

Lack of manpower to complete installations.
The hope to install the Nunapitchuk 3456 in a new DC power plant module instead of the existing Butler Building, as designed, will further delay installation.

Activities Targeted for Next Reporting Period:

Togiak – Remote monitoring to be completed and unit fully commissioned.
Final Accounting
Closeout of project
Currently the Cat 3456 installations are underway in Emmonak and Mt. Village.
Hooper Bay generator set to be shipped
Hooper Bay – AVEC logistics is having problems finding an available freight company for moving the Hooper Bay Caterpillar 3456 Generator Set . Scheduled to go on AK Logistics, Voyage 4002, Booking 2108, deadline 6/21/04 in Seattle, then to Nome. From Nome to Hooper Bay on Crowley, quote 103410, ETA 09/04. The Hooper Bay unit was reportedly not delivered due to storms and is understood to be stored in Nome.
Manpower to be identified
Installation materials to be procured

Nunapitchuk – Caterpillar 3456 Generator Set is located in the Anchorage warehouse yard, awaiting schedule for construction of a new DC Power Plant.