

Alaska Energy Cost Reduction Program Progress Report

Grantee: Alaska Power Company (a/k/a Alaska Power and Telephone Company)

Project Name: Tok-Chistochina Regional Intertie Project (Denali)

Grant # DE-FC07-04ID14538

Period of Report: Third Quarter 2005 (July 1 to September 30, 2005)

Project activities completed:

Chistochina Project

A solution to crossing the Chistochina River was established and construction begun. Electric Power Systems (EPS) designed the utility attachment to the new Chistochina Bridge. Teleconferences with EPS and DOT Bridge Design yielded slight modifications made to final support system. Wilder Construction installed the underground conduit from the new bridge to the riser pole location. When Wilder Construction terminated bridge attachment hanger system installation, Yukon Construction was contracted the installation process. Bridge attachment materials ordered and shipped

Utility easement with BLM, NPS, DNR, DOT, and Ahtna are in the permitting application process. DOT utility easement has been granted

Slana Project

The main three-phase line construction is complete with 16 customers hooked up to commercial power. We are still waiting for a few of the local residents to acquire their meter bases so we may hook them up to their service drops, while the search for a few landowners, who have moved away, still continues.

The final generator module foundational pad construction was successfully completed by a local contractor, gravel was hauled in and compacted with a grade slope away from the fuel tank, and lowered the module onto its timbers. The heat loop from the power plant to the Slana School was installed in the ground and we are waiting for the school district to obtain the needed glycol for the system.

Bureau of Land Management (BLM) permitting process continues waiting for a line route determination. A BLM Archaeologist conducted walking surveys throughout the Two Mile Trail area. BLM also conducted an environmental assessment for this area the results pending. BLM stated that once the line route has been determined, right-of-way clearing may begin after the ground freezes and the snow fall to minimize the impact. AP&T Line Foreman traveled the Two Mile Trail alternate route after August / September rains and found this route hold deep water. A request was made to be build the line close to the road prevent future troubleshooting and maintenance access issues.

To alleviate several Glenn Hwy road crossings, BLM and DOT granted utility easement to build an eight-pole single-phase line extension to provide service to six customers. The route was determined by the Line Foreman and staked, flagged, and cleared.

Project existing or potential problems:

Archaeological and cultural findings during ground disturbing activities stall the project.
Government agencies take longer than expected to determine utility line placement.
Copper Valley Telephone has been slowing construction progress by delaying telephone location identification in the new areas.

Activities targeted for Next Reporting Period, Fourth Quarter 2005:

Chistochina Project

All permit applications be completed and obtain legal documents from residents.
Underground cable ordered and pulled through the conduit
Meeting with the local residents for preliminary site surveys and to acquire needed legal paperwork

Slana Project

Continue locating landowners
Correct the settling Slana School pad mount transformer pad
Slana School waste heat loop utilizing the power plant waste heat
Bury the telephone lines from CVTC pedestal to APC step-up bank pole
Continue working through permitting issues with BLM & NPS
Joint community meeting with BLM, NPS, and APC
Line route determined and Start staking & flagging line
Order line construction materials
Start line construction