

North Prince of Wales Island Intertie Project

Grantees	Alaska Power and Telephone (For Profit Entity)
Technology Type	TRANSMISSION
Region	Southeast
AEDG Project Code	10026

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	23	North Prince of Wales Island Intertie Project	2195360	409018	Construction	6/1/08	12/31/15	Active

Grant 2195360: North Prince of Wales Island Intertie Project

Project Scope: North Prince of Wales Island Intertie Project is to construct a line extension to the communities of Coffman Cove and Naukati Bay, placing these communities on the Prince of Wales Island (POW) electric grid, which is supplied with renewable energy from two hydroelectric projects. The total line is to be 48 miles (Coffman Cove = 37 miles and Naukati Bay = 11 miles) of overhead 4/0 ACSR three-phase 34.5 kV line with a 1/0 ACSR neutral conductor on single pole wood structures. This line extension will come off the existing 34.5 kV line between Klawock and Thorne Bay, near Control Lake.

Project Status: The line was energized to Coffman Cove on September 2, 2011. Savings are reflected starting from that date. Construction has slowed this reporting period, permitting is on-going but was delayed for the 12 miles of transmission to Naukati.

The line to Naukati was energized on January 27, 2015 at noon. Work has continued throughout this calendar year on stringing fiber optic cable, setting transformers, and resetting poles.

This grant may need to be extended due to DOT road work.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$3,752,181.00	\$3,177,086.54
Other State Funding	\$2,402,838.00	\$2,402,838.00
Total State	\$3,752,181.00	\$3,177,086.54
Required Local Match	\$0.00	\$0.00
Federal Grant Funding	\$2,402,838.00	\$2,402,838.00
Total Project Costs	\$6,155,019.00	\$5,579,924.54