AP&T Electrical Transmission System on Prince of Wales Island

LEGEND

- ROAD SYSTEM
- TRANSMISSION GRID
- ROAD SYSTEM LINE ALL INSULATED TO 69 KV; OPERATED AT 22 KV
- PROPOSED NORTH POW INTERFIE ROUTE
- EXISTING GENERATION
- PROPOSED HYDRO
To date, $26.1 million has been invested through a private/public partnership to develop the Prince of Wales Power Supply System: $13 million in private funds, $5.8 million in federal funds and $7.3 million in state funds. Following is how the power supply system has developed:

1988 -- The State of Alaska builds a $660,000 transmission line between Klawock and Craig.

1995 -- AP&T funds and builds the $12-million, 4.5-megawatt Black Bear Lake hydropower project and the associated transmission line to connect the project to Klawock.

1996 -- AP&T is awarded a $300,000 state grant and a $1.2 million state loan to extend the Intertie system eastward to the City of Thorne Bay.

1996 -- The U.S. Department of Energy provides a $947,000 grant to extend the Intertie beyond Thorne Bay to connect the Village of Kasaan.

2001 -- Thorne Bay and Kasaan are fully connected to the rest of the Intertie system.

2002 -- AP&T is awarded a $2.9 million federal grant to extend the Intertie system from Klawock southward to Hollis and Hydaburg.

2005 -- Hollis is connected to the Intertie system.

2006 -- Hydaburg is connected to the Intertie system.

2006 -- AP&T completes the $4.5 million, 2-megawatt South Fork Hydroelectric Project near the Black Bear hydro project, using $1 million of its own funds, a $1.6 million state loan and a $1.9 million Denali Commission grant.

2007 -- Coffman Cove, Naukati and AP&T jointly request $6 million to extend the Intertie system northward to Coffman Cove and Naukati and reduce their power rates by half.

2008 -- In June the project was awarded a grant from the AEA for $2,402,838 which leaves a funding gap of only about $3.6 million.

2009 -- Remaining funding procured via the Renewable Energy Fund administered by AEA.

2010 -- Construction begins