

*Revised October 2009*

**Project Fact Sheet: ALASKA-BC INTERTIE STUDY**

**CURRENT STATUS:** A portion of the AKBC funds have been re-appropriated for the design and permitting of the Petersburg to Kake Intertie project. Some funds have been retained to monitor the situation in British Columbia, where the government is re-evaluating whether to build the backbone intertie from southern BC to 60 miles from the Alaska-BC border. In a recent announcement, the Canadian Government said that it would proceed with the funding for the transmission project. The AEA's most recent final feasibility report was published in September of 2008. It is available online at <http://www.akenergyauthority.org/AKBCProjectPage.html>

AEA is working with Southeast Conference to convene another meeting of the AKBC Advisory Work Group in Wrangell, in January of 2010, to review the new information on the northern Canadian grid that has been made public. At that meeting, the public will also be invited to discuss what is the highest and best use of the Alaskan hydro resources.

**PROJECT COST:** \$3.2 million.

**DESCRIPTION:** To analyze and confirm the feasibility of a transmission line that would connect two parts of the Four Dam Pool service area and the two major Southeast hydroelectric power plants in the Ketchikan-Wrangell-Petersburg region through construction of a 67-mile electrical transmission intertie; and connect the Four Dam Pool transmission system into the Canadian grid, and thus gain access to power markets either in Canada or US Pacific Northwest. As a part of the study, examine the construction of a transmission backbone that that would entice private or local government entities to develop hydro power projects that could produce as much as 100 MW of power for use in southern SE Alaska or be exported.

**PURPOSE:** Provide a transmission system to allow for exportation of power to the British Columbia grid. Additional intertie will allow delivery of excess power for Lake Tyee to Ketchikan.

**SOURCE OF FUNDS:** During the FY09 legislative process, \$2 million of the \$3.2 million originally appropriated to the AK BC Intertie was re-appropriated to the Kake-Petersburg Intertie project. The AK-BC Intertie appropriation is now \$1.2 million with \$558,000 in expenditures as of August 5, 2009.

**PARTICIPANTS:** Hatch Energy (Contractor) and an Advisory Work Group made up of representatives from Southeast Alaska communities including: Auke Bay, Craig, Juneau, Ketchikan, Metlakatla, Petersburg, and Wrangell.

**BENEFITS:** The draft final report supports the Swan-Tyee Intertie and the Kake Petersburg Interties as being economically feasible, and indicates the export intertie link shows economic promise, but cannot be definitively determined at this time.

**ADDITIONAL BACKGROUND:** This study has an advisory committee and steering committee to assist AEA in proper administration of funds. The committees have participated actively in the formulation of the consultant scope of work, selection of the consultant. The feasibility study has been reviewed and approved by the work group.