

*Revised October 2009*

**Project Fact Sheet: SWAN-TYEE INTERTIE CONSTRUCTION COMPLETION**

**CURRENT STATUS:** The project is complete and has been energized. Commission of the transmission line is now in progress. The project was completed within the final budget and one month ahead of schedule.

**PROJECT COST:** \$46.2 million

**DESCRIPTION:** This project will complete the construction of the 57-mile Swan-Tyee Intertie between the Swan Lake hydro-electric power plant and the Tyee Lake hydro-electric power plant, and when energized, will allow the communities of Petersburg, Wrangell, and Ketchikan to be electrically interconnected. The work will be completed in the 2008 and 2009 construction seasons. The intertie will be owned and operated by The Four Dam Pool Power Agency.

**PURPOSE:** This project will allow power that is produced in the Four Dam Pool transmission network to be scheduled and economically dispatched. Initially, it is expected that excess water energy available at Lake Tyee generation capacity and energy will be used to offset an energy shortage in the Ketchikan area. In a longer range capacity, the intertie can be used to convey power for export through an export intertie that is being considered into British Columbia.

**SOURCE OF FUNDS:** Grant to the Four Dam Pool Power Agency.

**PARTICIPANTS:** The Southeast Alaska Power Agency consisting of three purchasing utilities (municipal utilities of the Cities of Ketchikan, Wrangell and Petersburg).

**BENEFITS:** Generation, avoiding a looming shortage in Ketchikan that could have required Ketchikan Public Utilities to operate expensive and polluting diesel generation.

**ADDITIONAL BACKGROUND:** This project was partially funded in 2005. The Four Dam Pool Power Agency cleared the Right-of-Way and purchased and installed tower foundations, construction was stopped when these funds were expended. The region was able to secure an appropriation of \$46.2 million for completion of the project.