

Project Fact Sheet

BLACK BEAR LAKE *Hydroelectric Project*

Completed:

October 1995

Contact:

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Description:

Engineering and construction for a \$11.5 million hydroelectric project on Prince of Wales Island, near Craig, Alaska. The 4.0 MW project included excavation and road building, concrete work, installation of 5,000-ft of 30" steel pipe, submerged installation of 700-ft of 36" HDPE pipe, a submerged intake structure, concrete and metal powerhouse, and associated mechanical works. This project has 1500-ft of vertical head. Installation of the upper portion of the penstock and the intake structure was accomplished with a cable system that spanned approximately 4000-ft and over 1100 vertical feet.

