

Project Fact Sheet

GOAT LAKE

Hydroelectric Project

Completed:

December 1997

Contact:

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Description:

Design and construction of a \$10 million hydroelectric project near Skagway, Alaska. The 4.3 MW facility included construction of 7,200-ft of 24" steel penstock, concrete and steel powerhouse, concrete core earthfilled dam, submerged intake, and siphon arrangement to lower the lake level an additional 25 feet. The project also includes an access road blasted from bedrock. This project has over 2000' of vertical head with 997 psi at the turbine.

