

## Project Fact Sheet

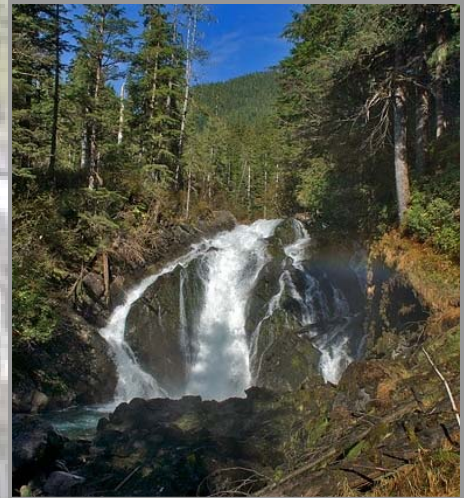
# Cascade Creek Hydroelectric Project

**Completed:**  
In Progress

**Contact:**  
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**Description:**  
Whitewater Engineering Corporation is performing FERC licensing and preliminary design services to Alaska Hydro Corporation for the proposed 70 MW hydroelectric project located in Southeast Alaska. A final license application is anticipated to be submitted to FERC in early 2011. Once completed, the project is estimated to generate 200 average annual GWh of renewable energy.

The project would utilize the natural impoundment of Swan Lake at elevation 1550-ft. A lake siphon would be used to draw water from the lake and delivering it to the powerhouse at elevation 50-ft via a power tunnel and buried penstock. The powerhouse would be located near tidewater and would house 3 generating units and related mechanical and electrical equipment. A 19 mile long 138 kV transmission line consisting of overhead and undersea cable segments would extend from the powerhouse to an interconnection point near Petersburg, Alaska.



Whitewater Engineering Corporation



Thomas Bay, Alaska