Haida Energy, Inc.

Reynolds Creek Hydroelectric Project
September 2011 Update
Project Location
Project Features

**DAM:** A 20-foot-long, 6-foot-high, concrete diversion dam, with an uncontrolled spillway, near the outlet of Rich’s Pond at elevation 870 feet mean sea level.

**PENSTOCK:** A 42-inch-diameter, 3,200-foot-long, steel penstock;

**POWERHOUSE:** A pre-engineering insulated metal powerhouse on a concrete slab containing one generating unit with a total installed capacity of 5 MW;

**SWITCHYARD/SUBSTATION:** A 6 MVA switchyard/substation, located next to the powerhouse.

**TRANSMISSION LINE:** An overhead 34.5 KV 12-mile-long transmission line inter connecting to the POW Transmission line;
View of Rich’s Pond and Lake Mellen
Rich’s Pond
Approximate Dam Site
Flagging for Penstock Route
Flagging for Penstock Above Powerhouse Site
Powerhouse Site
Copper Harbor Marine Access Area
Project Layout
Phase I Access Improvements

• Contract Awarded to: DuRette Construction

• Schedule:
  – 9/6/11: Contract Award Letter
  – 9/20/11: Materials and Equipment arrive in Thorne Bay
  – 9/24/11: Proposed barge date into Copper Harbor
  – 9/26/11: Set up Fuel Containment area at Copper Harbor; set up area for Explosives Product Magazines; set up Erosion/Control measures
  – 10/1/11: Begin Project work – NTP issued

• 9 - 11 Weeks to perform work – Weather dependent.
• December 31, 2011 - All Phase I work to be completed