

Victoria

Vancouver

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Barrie



Project:
Wind & Grid Tie System

Client:
Seabird Island First Nations

Installation Date:
December 2003

Location:
Seabird Island Band

Equipment:
Whisper WP-H80 wind generators
SW4024x2 Powerboard
Surrette deep cycle batteries

Main system components: Whisper H80 Wind Generator, SW4024 Powerboard, Surrette batteries and the EZ Wire Centre.

PROJECT SUMMARY

The Seabird Island Grid Tie Project is a demonstration triplex sponsored by Canada Mortgage and Housing Corporation (CMHC). The purpose of the project is to demonstrate energy efficient housing as well as green energy generation.

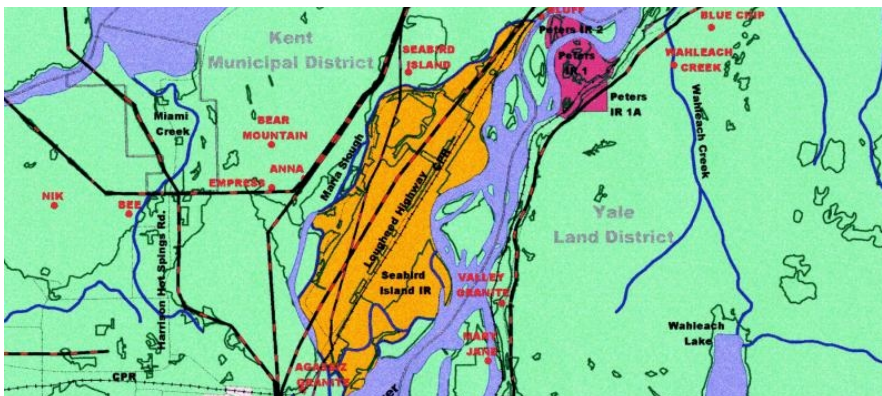
Electricity is generated partly by wind generators, as well as conventional grid power. This grid tie project, approved by BC Hydro, is

hoped to exhibit the reduction in cost and pollution from diesel generators for remote First Nations bands.

Soltek Powersource (SPS Energy) designed and supervised the install completed by Norich Electric. SPS Energy provided an automated turn-key system that included two Whisper WP-H80 wind generators and

a SPS Powerboard with two SW4024 inverters.

The Whisper WP-H80 incorporates a permanent magnet alternator powered with an advanced airfoil, thus capturing the most energy in its class as compared to other competitive wind turbines. The WP-H80 will deliver 6.3 kWhr per day.



Map of Seabird Island Band shown at left.

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