

TOBA MONTROSE: HYDRO POWER PLANT

- ✓ **2 Facilities: 710,000 - 730,000 Mwh/year**
- ✓ **Project ownership**
 - 60 % - GE Energy Financial Services
 - 40 % - Alterra Power Corp
- ✓ **Alterra Power net capacity 78.4 MW**
- ✓ **35 year Energy Purchase Agreement (EPA)**
- ✓ **ecoENERGY program grant \$10/Mwh for 10 years**



Toba Montrose Hydroelectricity is EcoLogo™-Certified to Electricity-Renewable Low-Impact, CCD-003

The two generating facilities of the Toba Montrose Project are located in the Toba Valley, approximately 80 km north northeast of Powell River on BC's Sunshine Coast. The electricity generated at the powerhouse sites are connected by 155 km of 230 kV transmission line to Saltery Bay, approximately 30 km south of Powell River, the point of interconnection with BCTC.

The Toba Montrose Project began operating at full capacity in August 2010. The Toba Montrose General Partnership (TMGP) operations team is fully trained and are resident in the Toba Valley seven days a week to ensure safe, reliable and efficient operations.

The Toba Montrose Project delivers 715,000 megawatt-hours per year of clean power to BC Hydro under a 35-year EPA, through a partnership between Plutonic Power and GE Energy Financial Services. The project includes two power generating facilities and transmission lines at a total project cost of \$660 million.

What is Run-of-River?

Unlike traditional hydroelectric facilities, which flood large areas of land, run-of-river projects divert a portion of the flow from a river into a pipe called a penstock. The penstock transmits the water downhill to a generating station. The natural force of gravity creates the energy required to spin the turbines that in turn, generate electricity. The water leaves the generating station and is returned to the river.

