

# ALSTROM QUILTS

## New Bids Being Evaluated



This tidal turbine, seen in a photo from energy firm Alstom, weighs 150 tonnes and has three pitchable blades. The company is abandoning its tidal power project in the Bay of Fundy and plans to focus on European opportunities. (Alstom supplied photo)

**By Maurice Rees**

At first there were four. Now there are two and Nova Scotia Department of Energy is evaluating three qualified bids to fill vacancies at FORCE's Tidal Power Demonstration site in the Minas Passage just outside Parrsboro.

On January 20th, French company Alstom announced it has abandoned its Bay of Fundy tidal power project to focus its efforts on developing its technology in Europe. The withdrawal creates a second opportunity for another energy developer to claim a berth at a Parrsboro-area demonstration site. The first vacany was created when Nova Scotia Power bailed on its turbine project in early 2012.

The utility deployed an OpenHydro machine in 2009, but powerful tides damaged the \$10-million device after only a few days. The turbine was removed the following year.

The companies that applied in December include Black Rock Tidal, a Bedford offshoot of German firm, Schottel, and a pair of Irish energy developers, HDP Marine Energy and OpenHydro.

The province now plans to select two projects, with an announcement expected in March.

Two other groups continue to develop projects for the test site, including Minas Energy, the Hantsport company formerly known as Minas Basin Pulp and Power, and United Kingdom partner Marine Current Turbines.

Atlantis Resources of the U.K. is partnered with Lockheed Martin Canada and Irving Shipbuilding of Halifax on the other turbine plan.

The province has said it could be at least 2015 before the next project, which could be a single turbine or group of turbines, goes into the water.

In an announcement on Tuesday, January 21st, Energy Minister, Andrew Younger, revealed the province has adopted regulations paving the way for large-scale tidal turbines to be hooked up to the grid during testing phase in the Bay of Fundy.

Apparently the focus is on financing to ensure the four companies in the testing mode are able to provide assurances to investors there's a certain regulatory environment in which a total of 15 to 20 megawatts of tidal energy capacity in the Minas Passage on a trial basis over the next seven years.

Unveiled in 2012 by the previous NDP government the provincial marine renewable energy strategy calls for Nova Scotia to get 300 megawatts of electricity from commercial tidal power starting in 2020. That would be enough to power 100,000 homes, or 10 per cent of the province's supply.

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**PHOTO FEATURE**  
The Bass River Fire Brigade Children's Christmas party was held on Dec. 14th at the Fire Hall.  
There was a visit from Santa, with treats for all the children.

(Harrington Photos)



Santa visits with kids of all ages! Al Zimmer had his turn on Santa's knee.



Ava Brown helps her mom put the finishing touches on the Bass River Fire Brigade Christmas Tree, with a helmet for a tree-topper.



Santa arrived in a fire truck this year to the Bass River Fire Brigade's Christmas Party.



Two year old Elijah Patriquin was not sure what to think of Santa.



Two year old Kaylee Young enjoyed her visit with Santa.



Al Zimmer, Sebastian Patriquin, Cullen Patriquin, Ewan Patriquin, Trent Gallant, Blade Turner-MacLean and Slaon Turner-MacLean patiently await the arrival of Santa.

The **Shoreline Journal** Deadline for the March issue of  
is February 18



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