

## **Cape Sharp Tidal successfully connects in-stream tidal turbine from the Bay of Fundy to Nova Scotia electrical grid**

*July 25, 2018, Parrsboro, NS* – Cape Sharp Tidal has once again successfully and safely deployed an in-stream tidal turbine and connected it to the power grid at the Fundy Ocean Research Center for Energy (FORCE) site in Nova Scotia’s Minas Passage.

“This exciting achievement can be credited to the hard work and dedication of our team,” said Alisdair McLean, Cape Sharp Tidal director. “This is the second in-stream tidal turbine we’ve deployed at the FORCE site. We’re proud that we’re still the only developer to realize such important accomplishments in the Minas Passage, and we’re looking forward to continued progress.”

Cape Sharp Tidal’s first demonstration turbine was deployed and grid-connected in November 2016 and recovered in June 2017.

“We believe the renewable energy potential of the Bay of Fundy can be harnessed using in-stream tidal technology,” said Christian Richard, Cape Sharp Tidal director. “As our work continues to advance, our knowledge and experience will be critically important to advancing this industry for Nova Scotia and the world.”

Deployment operations began in the Minas Passage on Thursday, July 19, with several days of preparatory activity. The turbine was deployed on the afternoon of Sunday, July 22 and grid-connected on Tuesday, July 24. The turbine is now undergoing initial commissioning, with operational and environmental monitoring device testing being conducted by the OpenHydro team.

“I want to say thank you for the support and enthusiasm for this project, particularly the community of Parrsboro,” said Tony Wright, general manager of FORCE. “This work isn’t possible without the expertise of marine operators, researchers, and countless Atlantic Canadian businesses. Today we’re pleased to be able to continue the important research to understand how tidal turbines interact in the Minas Passage environment.”

Over the past year, the project team has been working to apply everything learned from the previously deployed turbine and environmental monitoring devices. Upgrades have been made to the turbine technology in order to improve the operating efficiency of the turbine and improvements have also been made to the environmental monitoring program.

Cape Sharp Tidal is committed to ongoing consultation with stakeholders including fishers. The project team has engaged with fishers individually and in groups, via email, via telephone and face-to-face discussions in the community, in people’s kitchens and living rooms and at the wharf – around 90 separate interactions since mid-February which have provided valuable input into the

marine operations plan. Engagement with Indigenous communities and organizations is also a key, ongoing part of the project. Cape Sharp Tidal is focused on ensuring that project work is carried out safely and respectfully, recognizing that in-stream tidal energy interests share the Bay of Fundy.

Cape Sharp Tidal is a joint venture between OpenHydro, a Naval Energies company, and Nova Scotia-headquartered energy firm Emera. This deployment and grid-connection is part of a two-turbine (4-megawatt) demonstration project at the Fundy Ocean Research Center for Energy (FORCE) site in the Minas Passage.

For more information, please go to [www.capesharptidal.com](http://www.capesharptidal.com) or contact:

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