

# TIMELINE: Tidal power in the Minas Passage

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The area of the Minas Basin where the five keel systems will be in place (photo credit: Big Moon Power). - Sara Ericsson

A look at some examples showing companies that have proposed and installed devices to harness energy from the tides in the Minas Passage.

## HALCYON

The Maine-based Halcyon Tidal Power company created a Nova Scotia branch called

Scots Bay Tidal Power Ltd. and proposed installing up to 34 turbines to harness tidal power.

February 2014:

- Halcyon proposal for Scots Bay met with criticism

March 2015:

- Project apparently still on

READ: [Big Moon power gets yes from Scott's Bay, province on tidal energy project](#)

### **CAPE SHARP TIDAL**

Cape Sharp Tidal is a tidal energy project currently ongoing at the Fundy Ocean Research Centre for Energy in Parrsboro. The project is a joint venture headed by Emera Inc. and OpenHydro.

May 2016:

- As turbines are readied for testing, fishermen remain wary.

Nov. 4, 2016:

- Fishermen criticize quick deployment of Cape Sharp Tidal turbine

November 21, 2016:

- Cape Sharp Tidal installs first turbine at FORCE site in Parrsboro, starts producing electricity
- Protestors gather against tidal project

April 5, 2017:

- Turbine is to be pulled for repairs

April 27, 2017:

- FORCE still working to pull turbine for repairs

May 3, 2017:

- Work to retrieve tangled turbine continues

June 15, 2017:

- Turbine is finally secured after months-long effort

November 2017:

- Multiple sources confirm 2018 deployment of second turbine delayed as both

turbines receive maintenance in Saint John

### **BIG MOON POWER**

This Halifax-based company was founded former Xerox CEO Lynn Blodgett in January 2015 after he conceived the company's now-devised Kinetic Keel system, which uses a keel instead of a turbine to generate energy.

April 2016

- Multiple sources report first phase of prototype testing conducted in the Minas Basin

June 2016:

- Multiple sources report BMP founder Lynn Blodgett's announcement of the new Kinetic Keel system to create tidal power without using turbines
- Tests begin in the Minas Passage and Bigmoon Power starts consulting with weir fishermen

August 2017:

- Consultations with Huntleys begin
- Second phase of prototype testing begins

April 2018:

- Nova Scotia Department of Energy approves two "marine renewable energy" [permits](#) for Bigmoon Power to begin testing keel prototypes

July 3, 2018:

- BMP holds meeting in Scots Bay to announce tidal project is moving forward, installing gravity base July 4. Hoping to deploy kinetic keel system within following two weeks.
- Tests to continue for 2-3 months as CMP looks at deploying first full-sized keel unit.

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