

E-mail from Beverley Ware, Corporate Communications, Emera Inc., April 7, 2017 5:04 p.m.

In terms of the turbine's generation, we are still in the commissioning phase with the first deployment of OpenHydro's pioneering technology which includes the Turbine Control Centre (TCC). The TCC is new technology critical to making and delivering electricity from tidal energy so it's important that this commissioning phase involve a slow and progressive ramp up of the technology under multiple tidal cycles.

The turbine has produced electricity for over 1,500 hours and we're gradually increasing production over time as we identify where we can make improvements and possible upgrades.

The 5.4MWh refers to how much electricity was produced between November 8 and December 31, 2016. I'm afraid I haven't been able to track down specifics at this point on how many homes that would be.

It may be helpful to explain that this was net power generation, not gross. That means that the electricity produced by the turbine is first used to energize the transmission line that goes to the substation and the substation itself, as well as the heat and lighting at the substation. If there are more turbines producing power that consumption will be shared and more electricity produced by Cape Sharp will go onto the grid.