

Sent: Thursday, December 17, 2020 9:11 AM
To: Commission, Secretary
Subject: Letter of Comment

Date Submitted: December 17, 2020

Proceeding name: CBP CPCN Application

Are you currently registered as an intervener or interested party: No

Name (first and last): John Keating

City: Calgary

Province: Alberta

Email: [REDACTED]

Phone number: [REDACTED]

Comment:

BCUC IR No. 1, item 8.2 asked for a representative estimate of current annual costs to maintain and operate power generation for a Cosens Bay property. Further to the general statements made by CBP in its response, I am pleased to provide a property specific example. Before I begin, please note that I am a property owner in the community of Cosens Bay and one of the five current directors of CBP. I am therefore a strong proponent and advocate of this community initiative and as such I am familiar with all aspects of the Project. Our property consists of a rather small 1970s residence and a 2008 constructed garage at the north end of Cosens Bay. When we built our garage, we included 18 solar panels for a total of just over 3kW of capacity. In our utility room we have 24 large 2v batteries with inverters (i.e. a 48 volt system). We also have a 6.5kW propane generator as back up in the summer months and to provide 100% of the power requirement throughout the winter months. Total cost to operate and maintain our power system in 2020 equates to an annual cost of \$6,198 or approximately \$6,000 per year, comprised of the following details: Solar System: 1. Battery replacement – batteries were replaced after 7 years at a cost \$12,217. These are TAB batteries which are expected to last 10 years. \$1,222 2. Contract maintenance, 6 visits throughout 2020. \$1,916 Fossil Fuel (propane) System: 1. Propane purchases in 2020 (approx. 2,000 litres) \$1,843 2. Genset replacement (est. every 8 years) – In Oct 2019 we replaced our generator with an Onan 6.5kW genset at a cost of \$9,736. \$1,217 Total annual cost to operate and maintain power system \$6,198 Exhibit 7.5.2 of the CPCN Application shows a representative cost for Operating Year 1 of \$1,923 per PPA for Project customers, which illustrates a savings of over \$4,000 per year for our family. Not only does the financial cost savings justify the Project for us but the additional reliability, cleaner air, reduced fire hazard and improved human health aspects are indisputable. As a Board member and, more importantly, as a community member of Cosens Bay, I humbly request the BCUC to complete its due diligence expeditiously and approve our CPCN Application post-haste. Our goal is to construct this community initiative in H2 2021, electrifying our community and in turn enhancing people's lives.