

**Sent:** Friday, January 1, 2021 4:38 PM  
**To:** Commission, Secretary  
**Subject:** Letter of Comment

**Date Submitted:** January 01, 2021

**Proceeding name:** CBP CPCN Application

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

**Name (first and last):** Douglas Grant

**City:** Coldstream

**Province:** British Columbia

**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. I am a property owner in the community of Cosens Bay. I am a strong proponent and advocate of our community power initiative. Our property consists of a 4,000 square foot home built in 2016 with separate garage at the south-west end of Cosens Bay. We have 20 solar panels amounting to 5kW of capacity. In our utility room we have 24 large 2v batteries (1250 AGM) with inverters. We also have a 14kW 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 \$6,567 or approximately \$6,500 per year, comprised of the following details: Solar System: • Battery replacement every 10 years. In 2016 we paid \$12,000 for slightly used (with no warranty). We were quoted \$16,464 for the same batteries (with warranty), and expect we'd need to pay at least that amount when replaced. \$1,646 Fossil Fuel (propane) System: • Propane purchases in 2020 (Supersave Gas) \$3,471 • (includes a \$227 annual tank rental) • Genset replacement (est. every 8 years) In 2016 we bought a slightly used Kohler 14RESA (14kW) generator for \$5,200. Replacement cost is \$7,300 \$912 • Genset annual maintenance in 2020 (indicative of annual cost) \$538 Total annual cost to operate and maintain power system \$6,567 Note: we monitored propane usage for a 1 week stay during Christmas holidays 2020 and used 20% of a large tank (\$300 cost). Average outside temperature was at 0 C. Since our house construction is timber frame with sprinkler fire suppression, we need to keep the inside temperature at a minimum of 4 C through the winter at times when we are away. 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 \$4,644 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 property owner and 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. Douglas Grant [REDACTED]