

### **Additional Information for the Village Office Solar Array**

Based on utility data for the 2022 calendar year, the Village Office consumed approximately 25,000 kWh/ year. As part of the net metering program with Fortis BC, a site cannot generate more than it consumes on an annual basis.

The Solar PV system has been sized at 10 kW to provide the approximate equivalent of the site annual consumption.

It should be noted that with the conversion from a gas furnace to heat pump, the site electrical consumption will increase, and a larger solar PV installation may be possible.

The projected energy savings of this analysis provided by Columbia Basin Trust advisor program consider an array of standard panels tilted at 51 degrees above horizontal aligned on an azimuth of 180 degrees (due South).