

## 1. Definitions

- a) "Solar Connectivity" refers to a metering practice that enables electricity consumers to generate electricity from renewable, low-impact, solar power generators to offset part or all of their own electrical requirements without being compensated for any excess.
- b) "Customer" refers to customers who wish to connect a solar generating facility to meters. For the purpose of this policy, "customer" is defined as a single legal entity.
- c) "Class 1 Service" refers to a solar power generating facility of an aggregate nameplate capacity of up to 100 kw.
- d) "Utility" refers to the Town of Mahone of Mahone Bay Electric Utility.

## 2. Availability

- a) Solar Connectivity service is available to all Utility customer who:
  - i. Are served from the Utility's distribution system;
  - ii. Are billed under the Utility's metered service rates;
  - iii. Install a qualifying generating facility, as defined under item a) in Special Conditions Section 7. The maximum capacity of the customer's generating facility will be sized to meet the expected annual consumption of the Customer.
- b) Solar Connectivity service is not applicable for unmetered services.
- c) Solar Connectivity does require the electrician to apply for an inspection/permit through the Electric Utility.
- d) The customer must ensure that they are compliant with NSPI's Interconnection Guideline for Class 1
- e) The service is available on a first come, first serve basis.
- f) The applicant must provide a written request to the Utility to take this service.

## 3. Applicability

The service is applicable to any metered electric service accounts which are electrically connected to the same Utility Distribution Zone as the solar generator and which are owned by the same customer.

## 4. Distribution Zone

The Distribution Zone is defined as all Utility distribution feeders emanating from a single distribution supply transformer within a substation. The utility reserves the right to

broaden this definition if in the opinion of the Utility this is justified by a customer-specific circumstance and is consistent with the spirit of the intent of this regulation.

## 5. Billing

- a) Customers will be billed under the otherwise-applicable metered rate schedules of the Utility's Schedule of Rates for Electric Supply and Services.
- b) There will be no compensation to the customer from the Utility for any excess power generated by the customer. Excess power generated in a given period will not be credited toward usage in future periods.
- c) For clarity, if the electricity generated by the customer does not cover the energy used, the Utility will bill the customer for the net purchased energy requirement and for the applicable non-KWh monthly charges.
- d) Any environmental credits which may be created through the generation of energy through solar connectivity will be for the benefit of the utility.

## 6. Metering

Metering for customers will require dual flow meters and the customers will be required to pay for the difference in metering costs.

## 7. Special Conditions

- a) A qualifying generating facility must meet the following requirements:
  - i. Utilizes only a solar renewable, low-impact source of energy as defined in the Renewable Electricity Regulations for the purposes of Section 3A of Chapter 25 of the Electricity Act.
  - ii. Has a manufacturer's nameplate rating of not more than 100 kilowatts, which the Utility has the right to verify through inspection or testing.
  - iii. Is located within the same Distribution Zone as all of the customer's premise(s) for which the customer is requesting electrical service in conjunction with this facility.
  - iv. The solar power generating facility shall meet all applicable safety and performance standards established by Measurements Canada, the Canadian Electrical Code, and NSPI's Interconnection Guidelines.
  - v. The customer shall adhere to all municipal zoning guidelines and permitting requirements of the Town of Mahone Bay and the Utility.
  - vi. The customer is responsible for all costs associated with their solar power generator facility.
- b) The generating facility and all wiring, equipment and devices forming part of it shall conform to the Canadian Electrical Code.

- c) The customer is responsible for all costs of upgrades and/or additions to the Utility's electrical system required to connect the customer's generating equipment.
- d) The customer is responsible for permit and inspection fees as outlined in section 7 of Schedule B of the Utility's Regulations for Electric Supply and Services.
- e) The policy comes into effect upon passage by Town Council of the Town of Mahone Bay.

<b>Clerk's Annotation for Official Policy Book</b>	
<b>Date of notice to Council Members of Intent to Consider [minimum 7 days notice]</b>	<b>September 24, 2020</b>
<b>Date of Passage of Policy</b>	<b>October 13, 2020</b>
<hr/> <b>Town Clerk</b>	<hr/> <b>Date</b>

