

COMMERCIAL NET METERING PROGRAM TERMS AND CONDITIONS

1. Definitions

- 1.1. **“Customer”** means a legal person participating in the Commercial Net Metering Program in accordance with these Terms and Conditions.
- 1.2. **“Distribution System”** means Nova Scotia Power’s facilities that operate at a nominal voltage of 24,940 V or less, which are used to distribute electric power between substations and customer loads.
- 1.3. **“Distribution Zone”** means all Nova Scotia Power distribution feeders emanating from a single Distribution System supply transformer within a substation.
- 1.4. **“Facility”** means the Customer’s plant and equipment, including but not limited to, the generator, inverter, storage devices, and Interconnection Equipment located on the Customer’s side of the Point of Delivery. The Customer’s Facility must be a “renewable low-impact electricity generation facility”, within the meaning of the *Renewable Electricity Regulations* (N.S. Reg. 155/2010).
- 1.5. **“Interconnection”** means the electrical connection of a generator in parallel with the Distribution System.
- 1.6. **“Interconnection Equipment”** means all equipment and functions used to interconnect a generator to the Distribution System.
- 1.7. **“Interconnection Requirements”** means the technical requirements that are required to be met by the Customer to establish an Interconnection with the Distribution System, as applicable to the proposed Facility’s specifications, as set forth in Schedule “A” to these Terms and Conditions.
- 1.8. **“Laws”** means any applicable federal, provincial, or local law, regulation, bylaw, ordinance, rule, permit, license or code of every relevant jurisdiction that in any manner affects the performance of obligations under these Terms and Conditions, and any order, decree, authorization or approval, or other binding determination of any relevant governmental authority, body, tribunal or agency with jurisdiction over the foregoing. For clarity, Nova Scotia Power Regulation 3.6 (“Net Metering Service”) is not applicable to the Commercial Net Metering Program.
- 1.9. **“Commercial Net Metering Program”** or **“Program”** means Nova Scotia Power’s Commercial Net Metering Program as amended or replaced from time to time by Nova Scotia Power in accordance with applicable Laws and the Rates and Regulations.
- 1.10. **“Participant Agreement”** means the standard form agreement in respect of Commercial Net Metering Program participation to be entered into by the Customer and Nova Scotia Power, as approved by the Nova Scotia Utility and Review Board.
- 1.11. **“Point of Delivery”** means the point where the Distribution System is connected to the Facility.

- 1.12. **“Premises”** means the property where the Facility is located, as identified in the Program application.
- 1.13. **“Rates and Regulations”** refers to Nova Scotia Power’s rates and regulations approved by the Nova Scotia Utility and Review Board, as may be amended from time to time with the approval of the Nova Scotia Utility and Review Board.

2. Availability and Eligibility for the Program

- 2.1. Participation in the Commercial Net Metering Program is available to Nova Scotia Power Customers:
 - 2.1.1. whose applicable Facility is served by the Distribution System (i.e., 24,940 volts or less);
 - 2.1.2. who are in good standing with Nova Scotia Power and who maintain that status throughout their participation in the Program;
 - 2.1.3. who are billed under one of Nova Scotia Power’s metered service rates; and
 - 2.1.4. who install a qualifying Facility.
- 2.2. A Customer must submit a written request to participate in the Program to Nova Scotia Power and must execute a Participant Agreement with Nova Scotia Power.
- 2.3. The Customer’s Facility must be interconnected to Nova Scotia Power’s Distribution System in accordance with the Interconnection Requirements.
- 2.4. A Customer’s Facility may serve electrical load that is the subject of multiple Nova Scotia Power metered accounts, provided that all such accounts are:
 - 2.4.1. subject to the same non-residential rate code under Nova Scotia Power’s Rates and Regulations; and
 - 2.4.2. in respect of electrical load that is situated in a single Distribution Zone.
- 2.5. The Customer must own the Premises or otherwise hold valid legal rights that entitle the Customer to install and operate the Facility on the Premises.
- 2.6. Subject to Section 2.8, the maximum generation capacity of the Customer's Facility shall not exceed the expected annual consumption of the Customer in respect of the Customer’s account that is, or the Customer’s accounts that are, enrolled in the Program under a single Participant Agreement.
- 2.7. The Customer’s Facility must fall into one of two classes of service, as follows:
 - 2.7.1. **“Class 1 Net Metering Service”**, which means service in respect of a Facility with an aggregate nameplate capacity greater than 27 kW but less than or equal to 100 kW; or

2.7.2. "Class 2 Net Metering Service", which means service in respect of a Facility with an aggregate nameplate capacity greater than 100 kW but less than or equal to 1,000 kW.

2.8. The nameplate capacity of the generation components of the Customer's Facility shall not exceed the following:

2.8.1. 1,000 kW for a Customer:

2.8.1.1. whose Nova Scotia Power account(s) that will be enrolled in the Program are served pursuant to a rate that contains a demand charge;

2.8.1.2. who owns or operates a winery that is registered under the *Agriculture and Marketing Act* (R.S.N.S. 1989, c. 6);

2.8.1.3. who owns or operates a farm that is registered under the *Farm Registration Act*, (S.N.S 1994-95, c. 3); or

2.8.1.4. who owns or operates an aquaculture plant that is licenced under the *Fisheries and Coastal Resources Act* (S.N.S. 1996, c. 25).

2.8.2. 200 kW for a Customer:

2.8.2.1. to whom Section 2.8.1 does not apply; or

2.8.2.2. who is not a residential net-metering customer pursuant to section 3AA of the *Electricity Act* (S.N.S. 2004, c. 25).

The nameplate capacity of any associated battery storage device will not be counted towards the Customer's Facility nameplate capacity for the purposes of the qualification criteria set forth in Section 2.8. However, the capacity of any battery storage device shall be considered for the purposes of study, design, and classification of interconnection service (i.e., Class 1/Class 2).

2.9. The Customer's Facility may include multiple generators within the same Distribution Zone, provided that the total generation nameplate capacity does not exceed the applicable cap specified in Section 2.8, and provided that the following information is included by the Customer in its Program application:

2.9.1. the number of generators that will be installed as part of the Facility and the generation capacity of each;

2.9.2. the location of each of the generators;

2.9.3. a list of all Customer accounts (including location of associated meters) that are relevant to the Customer's Facility and its participation in the Program

2.10. All Customers participating in the Program must ensure that the equipment that will interconnect with Nova Scotia Power's Distribution System is compliant with the Institute of Electrical and Electronics Engineers standard 1547, *IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interface*, as amended.

SCHEDULE "A"

COMMERCIAL NET METERING INTERCONNECTION REQUIREMENTS

Interconnection Process for Customer Facilities with a nameplate capacity greater than 27 kW but less than or equal to 100 kW

("Class 1 Net Metering Service")

The steps in the process are as follows:

1. Customer submits the "Interconnection Request and Equipment Information" form found at www.nspower.ca.
2. To initiate the Interconnection request, the Customer must submit an application fee of \$57.00.
3. Nova Scotia Power will initiate a review of the Interconnection request. This review will include confirming Customer eligibility, that the proposed equipment meets Interconnection and program requirements, validates estimated system output and appropriate sizing to Customer, and identifies any new Nova Scotia Power equipment or upgrades to the existing Distribution System that are required to enable the connection of the Facility.
4. A Customer Facility involving a generator that is greater than 27 kW and that is to be interconnected on a single-phase circuit, will necessitate a Preliminary Assessment (see Appendix 1 of this Schedule "A"). The results of the Preliminary Assessment may determine additional technical requirements or capacity restrictions that will be applicable to the Interconnection of the Customer's Facility.
5. When applicable, Nova Scotia Power will develop cost estimates for required system additions/upgrades. The cost estimates for the required system additions or changes will be provided to the Customer for review. Once the Customer accepts the requirements and pays the identified costs, the required Nova Scotia Power construction work can be scheduled to commence.
6. The Customer's electrical contractor must obtain a Wiring Permit and submit electrical plans to Nova Scotia Power for review and approval before installation begins.
7. As part of the electrical and generating equipment installation, the Customer's electrical contractor must have all required electrical inspections performed and passed.
8. The Participant Agreement between the Customer and Nova Scotia Power is executed.
9. After the wiring inspections are performed and passed, and the Participant Agreement is signed, Nova Scotia Power will advise the Customer that Interconnection of the Facility with the Nova Scotia Power Distribution System can proceed. At this stage, Nova Scotia Power may require and/or witness the commissioning and testing of the generation equipment.
10. Final reconciliation of Nova Scotia Power's costs will determine the actual costs (or refunds) to be paid by (or to) the Customer.

→The Customer's Facility is now operational.

Interconnection Process for Customer Facilities with a nameplate capacity greater than 100 kW but less than or equal to 1,000 kW

(“Class 2 Net Metering Service”)

The Interconnection of Customer Facilities with a nameplate capacity greater than 100 kW but less than or equal to 1,000 kW will proceed by means of the Nova Scotia Power Distribution Generator Interconnection Procedures (DGIP). Additional information about this process can be found at: www.nspower.ca/oasis/generation-interconnection-procedures. In the event of any discrepancy between these Class 2 Net Metering Service requirements and the formal description document for the DGIP found at the foregoing website, the formal DGIP description document will prevail.

1. Making a Distribution Generator Interconnection Request

- To initiate a Distribution Interconnection request, the Customer must submit all of the following:
 - (i) a \$750 non-refundable study fee in the form of a certified cheque or bank draft;
 - (ii) a completed application form. The Distribution Generator Interconnection Request form is Appendix 1 to the Distribution Generator Interconnection Procedure (DGIP) located at <https://www.nspower.ca/oasis/generation-interconnection-procedures>;
 - (iii) a site map showing location of generation; and
 - (iv) A single line diagram of the proposed installation.
- All forms, fees and supporting document are to be sent electronically to Interconnect@nspower.ca or mailed to the following address:

Nova Scotia Power Inc.,
5 Long Lake Drive
Ragged Lake Business Park
Halifax, NS
B3S 1N8
Attention: Interconnection Engineer
- Nova Scotia Power shall acknowledge receipt of the Interconnection request within five Business Days of receipt of the request, assign an Interconnection request number and attach a copy of the received Interconnection request to the acknowledgement.
- If the Interconnection request is deemed valid, this date-and-time-stamp will be used to establish the initial Queue position for the Interconnection request.
- A valid Interconnection request will be managed in accordance with the Distribution Generator Interconnection Procedures (DGIP) located at <https://www.nspower.ca/oasis/generation-interconnection-procedures>.

2. Preliminary Assessment

- Following the establishment of a valid Interconnection request, a Preliminary Assessment will be conducted.
- The Preliminary Assessment process is described in Appendix 1 to this Schedule “A”.

3. Distribution System Impact Study (DSIS)

- A study deposit of \$10,000 (certified cheque or bank draft) is required to initiate the DSIS along with detailed project technical and location information. The information required includes project capacity in MW, generator data, a one-line diagram of the Generating Facility and confirmation of the Point of Interconnection.
- Nova Scotia Power completes the DSIS based on the DGIP study calendar grouping located at <https://www.nspower.ca/oasis/calendars>. Nova Scotia Power completes the study based on the information provided with the Interconnection request and develops specific Interconnection requirements and cost estimates for any required system additions/upgrades. The DSIS is then provided to the Customer for review.
- DSIS will be given queue priority based on the date the final progression milestone is demonstrated to be complete by the Interconnection Customer.

4. Standard Small Generator Interconnection Agreement (SSGIA) and Net Metering Agreement

- Based on the DSIS findings, Nova Scotia Power and the Interconnection Customer develop the project-specific terms of the SSGIA. The Customer and Nova Scotia Power execute the SSGIA.
- The Interconnection Customer provides payment of the required system addition and upgrade costs. Engineering, procurement and construction of required facilities commences.
- Prior to commercial operation, the Interconnection Customer must also execute a Net Metering Agreement to participate in the Net Metering program.
- Prior to commercial operation, Nova Scotia Power and the Interconnection Customer perform and/or witness commissioning and testing of Facilities.
- Final reconciliation of actual Interconnection costs incurred by Nova Scotia Power will determine final refunds to, or payments by, the Interconnection Customer.

APPENDIX 1
to SCHEDULE "A"

Description of the Preliminary Assessment (PA) Process

- Preliminary Assessments will be performed based on the order of the date/time the valid Interconnection request was received.
- Nova Scotia Power performs a Preliminary Assessment of the project, considering the size, type and location of the proposed generation equipment and the existing Nova Scotia Power facilities in place.
- The Preliminary Assessment is a high-level review of system thermal limits, power quality issues (flicker/voltage levels), peak and minimum load levels, available fault levels, existing generation and other Interconnection requests in the area.
- The Preliminary Assessment also provides an order-of-magnitude cost estimate of required system additions and upgrades to accommodate the Generating Facility. The Preliminary Assessment will be completed within 30 Calendar days
- Upon completion of the Preliminary Assessment, a Preliminary Assessment report is provided to the Interconnection Customer.
- In the case of an applicant for Class 2 Net Metering Service, the Customer will then proceed to the Distribution System Impact Study (DSIS) (as described above) by meeting the defined progression milestones outlined in section 7.2 of the DGIP and submitting a DSIS Study Agreement within two years of the Interconnection request validation.
- Class 1 Net Metering Service Customers whose Facilities require a Preliminary Assessment are subject to a non-refundable fee of \$750.00, as per Nova Scotia Power Distribution Generator Interconnection Procedures. Class 2 Net Metering Service Customers will have already paid this fee as part of a Distribution Interconnection request per the Class 2 Net Metering Service application procedure.

Payment must be in the form of a certified cheque and sent to the following address:

Nova Scotia Power Inc.,
5 Long Lake Drive
Ragged Lake Business Park
Halifax, NS
B3S 1N8
Attention: Interconnection Engineer