

**Interconnection Request and Equipment Information Form**

(All items shall be completed where applicable)

100 kW or Less

**Section 1.0 : Customer Information (To be filled out with information regarding the interconnecting customer)**

Customer-Generator (Applicant) and/or Company Name:

Address (Location of Generator):

Applicant Mailing Address:

Property Identification Number (P.I.D.):

Is the generator located on property owned by the applicant? 

Applicant Telephone:

If the generator is not located on the land owned by the applicant the applicant must provide a copy of the document authorizing the generator to be installed on the property that has been registered on the title of the property.

Applicant Email Address:

**Section 1.1 : Technical Designer Information (To be filled out with information regarding the company, and person responsible for the technical design of the installation)**

Technical Design or Consulting Company:

Telephone:

Technical Contact:

Mailing Address:

Email Address:

**Section 1.2 : Electrical Contractor Information (To be filled out with information regarding the company who will obtain the electrical wiring permit and the site contact person responsible for the electrical installation)**

Name of Electrical Contracting Company:

Company Telephone:

Certificate Number:

Email Address:

Site Contact:

Contact Phone:

Wiring Permit Number:

**Section 2.0 : Energy Reconciliation**

Anniversary Month:

(Please circle month for annual energy reconciliation)

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Expected In-Service Date:

**Section 3.0 : Customer-Generator's Existing NSPI Supply**Existing NSPI Electric Service Type:  Single Phase  Three Phase

Primary NSPI Account:

Meter Number:

Amps:

Volts:

HST Number (If Applicable):

Account Number:	Meter Number:	Amps:	Volts:	HST Number (If Applicable):
2				
3				

If you intend to supply generation to more than 3 accounts, please capture account details on a separate piece of paper and include with your application form.

Section 4.0 : Proposed Interconnection Details	
Indicate the appropriate NSPI system interconnection voltage:	<input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase
	<input type="checkbox"/> 120V <input type="checkbox"/> 240V <input type="checkbox"/> Other _____ <input type="checkbox"/> 120/208V <input type="checkbox"/> 347/600V <input type="checkbox"/> Other _____
Indicate the total generation capacity (kW) and estimated annual energy (kWh)	
Total kW Output:	Estimated Annual kWh:

Section 5.0 : Generating Equipment Information (See Section 5.2 for Solar Installations)	
Generation Source: <input type="checkbox"/> Solar <input type="checkbox"/> Wind <input type="checkbox"/> Micro-Hydro <input type="checkbox"/> Other:	
Generator Type: <input type="checkbox"/> Synchronous <input type="checkbox"/> Induction	Manufacturer:
Nameplate Rating kVA:                      kW:	Model Number:
Number of Units:	Product Certification Information:
Rated Voltage:	
Watts per Unit:	
Rated Power Factor:	
Frequency:	<input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase
Three Phase Connection: <input type="checkbox"/> Delta <input type="checkbox"/> Wye <input type="checkbox"/> Ground Wye	

Section 5.1 : Synchronizer Information (For Synchronous Generators)	
Synchronizer: <input type="checkbox"/> Automatic <input type="checkbox"/> Manual	Manufacturer:
Manufacturer's Reference Number:	

Section 5.2 : Solar Modules (Where Applicable)	
Module Nameplate Rating (kW):	Manufacturer:
Number of Units:	Model Number:
Dc Output Voltage (each):	Rated Efficiency:
Max. Dc String Voltage (at Inverter):	Product Certification Information:

*Manufacturer specification sheets and certification compliance reports shall be provided with all for all solar modules in addition to the interconnection request form. Equipment that does not have a recognized factory certification marking shall be subject to Field Evaluation under the SPE-1000 Model Code.*

Section 5.3 : Inverter Information (Where Applicable)	
Inverter Type: <input type="checkbox"/> String <input type="checkbox"/> Micro	Manufacturer:
Nameplate Rating kVA:                      kW:	Model Number:
Number of Units:	Product Certification Information:
Max. Continuous Inverter Output Rating kW:	
Max. Dc Input Voltage:	
AC Output Voltage:	
Rated Power Factor:	
Frequency: <input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase	
<i>Manufacturer specification sheets and certification compliance reports shall be provided with all for all inverter based installations in addition to the interconnection request form. Equipment that does not have a recognized factory certification marking shall be subject to Field Evaluation under the SPE-1000 Model Code.</i>	

Section 5.4 : Rapid Shutdown Equipment (Where Applicable)	
Manufacturer:	
Number of Units:	Model Number:
<i>Manufacturer specification sheets and certification compliance reports shall be provided with all for all rapid shutdown equipment in addition to the interconnection request form. Equipment that does not have a recognized factory certification marking shall be subject to Field Evaluation under the SPE-1000 Model Code.</i>	

Section 6.0: Interconnection Transformer and Fuse Information (Where Applicable)			
Nameplate Rating                      kVA:	Manufacturer:		
Number of Units:	Model Number:		
Primary Volts:	Secondary Volts:	Primary Fuse Data	Type:
Connection: <input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase			Size:
Three Phase Connection: <input type="checkbox"/> Delta <input type="checkbox"/> Wye <input type="checkbox"/> Ground Wye			Speed:

Section 6.1: Interconnection Circuit Breaker Information (Where Applicable)		
OC Rating:	Interrupting Rating:	Manufacturer:
Trip Speed:	Cycles:	Type Number:

Section 6.2: Protective Equipment (Complete all applicable items. Where requested a separate sheet shall be provided with the manufacturer's product information)	
6.2 (a) Provide manufacturers information for the protection package or devices	Provide manufacturers documentation for protective functions: <ul style="list-style-type: none"> <li>• Under/Over Voltage</li> <li>• Under/Over Frequency</li> <li>• Anti-Islanding</li> <li>• Over-current</li> </ul>
6.2 (b) Range of available settings for each protective function	Provide list of protection functions with available ranges of protection setting for tripping and shutdown, along with time delays.
6.2 (c) Proposed settings (Set point and times)	Provide list of protection functions with settings for tripping or shutdown, along with time delays. Example: High Voltage Trip 127V, Time Delay 0.1 Sec

**Section 7.0: Required Documentation (Three copies of each required)**

- Information below to be submitted for all projects
- All diagrams are to be neatly drawn (11" x 17" size preferred)
- Free hand drawn and illegible diagrams will not be accepted by NSPI

7.0 (a) Electrical One-Line Diagram	A single-line diagram showing the electrical relationship and descriptions of the significant electrical components such as the generator, inverters, cables and wiring, switches, meters, transformers, circuit breakers, with operation voltages and ratings
7.0 (b) Manufacturers Information and Approvals	Provide manufacturer information sheets and certification compliance reports for equipment such as, inverters, generators, solar modules, rapid shutdown devices, combiner boxes, DC disconnect switches, and DC optimizers.
7.0 (c) Equipment Labelling	Provide a detailed list of all permanently installed labels indicating, label designation, label dimensions, label background color, label letter color, label letter height, and label verbiage.
7.0 (d) Site Plan	Provide a site plan showing the physical arrangement of the major equipment, including generating equipment, transformers, switches, control panels, the customer's existing metered service and the interconnection with NSPI's distribution system, Include the civic address, references, etc. Provide Property Identification Number (PID)
7.0 (e) Protective Device Data	For all protective devices used to protect and control the interconnection, please provide proposed protective device settings, circuit breaker and fuse data and coordination curves, and a description of how the protection scheme is intended to function.
7.0 (f) Point of contact	If the interconnection and start-up process is to be coordinated through a party or individual other than the customer, provide the name, company, address, and phone number of that individual or party with whom the utility is to coordinate the interconnection

I hereby certify that I have reviewed and agree to adhere to the Interconnection Guidelines located at [www.nspower.ca/netmetering](http://www.nspower.ca/netmetering) and to the best of my knowledge, all the information provided in this Interconnection Request and Equipment Information Form is true and correct

Print: \_\_\_\_\_ (Customer-Generator)

Signature: \_\_\_\_\_ (Customer-Generator)

Date: \_\_\_\_\_

Send completed form to:

[netmetering@nspower.ca](mailto:netmetering@nspower.ca)

Nova Scotia Power  
P.O. Box 910, Halifax, NS B3J 2W5  
Attn: Net Metering Program Lead