Nova Scotia Power Inc.

Distribution Generator Interconnection Request (≥ 101 kW)

Includes Class 2 Net Metering Service and COMFIT Projects

The undersigned Interconnection Customer submits this request to interconnect its Generating Facility to the Distribution System. A valid Interconnection Request must include the below application form and a $750 fee.

Applicant Information

Applicant		
	Company Name:	Street Address:
	Contact Name:	Unit/Suite:
	Phone:	City:
	Fax:	Province:
	E-Mail:	Country:
		Postal / Zip Code:

Project Information

Project		
	Name:	Project Location:
	Owner/Developer:	
	Engineering Consultant:	Proposed In-Service Date: yy/mm/dd

This Interconnection Request is for (check one):

☐ A proposed new Generating Facility.

☐ An increase in the generating capacity or a Material Modification of an existing Generating Facility.

Summary of configuration

Prime Mover (ie: wind, hydro, etc):	
Number and type of generators:	
Total project Capacity (kW):	

Maximum kilowatt electrical output of the proposed new Generating Facility:

_____ KW summer at _____ degrees C _____ KW winter at _____ degrees C

OR

_____ KW increase in the generating capacity of an existing Generating Facility

This Interconnection Request is Submitted by:

I hereby certify that, to the best of my knowledge, all the information provided in this Interconnection Request And Equipment Information Form is true and correct.

Name of Interconnection Customer (Type or Print) **Title:**

Signature **Date:**

Contact Information- Send completed form in hardcopy to:

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

NS Power - Internal Use

Received By: **Date and Time Received:**

Signature

Nova Scotia Power Inc.

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Attachment A to Distribution Interconnection Request

GENERATING FACILITY DATA (Additional information may be requested, as required)

UNIT RATINGS

kVA		Degrees C		Voltage	
Power Factor				Connection (e.g. wye)	
Short Circuit Ratio				Frequency (hz)	
Stator Amps at Rated kVA				Field Volts	
Max MW		Degrees C		Speed (RPM)	

GENERATOR STEP-UP TRANSFORMER DATA

RATINGS

Capacity kVA	Self-cooled	kVA	Max. nameplate	kVA
Voltage ratio	Generator Side	kV	System Side	kV
Winding Connections	Low Voltage	☐ WYE	or	☐ DELTA
	High Voltage	☐ WYE	or	☐ DELTA
Fixed Taps Available				

IMPEDANCE

Positive	**Z1**	(on self-cooled rating)	**%**	**X/R**
Zero	**Z0**	(on self-cooled rating)	**%**	**X/R**

WIND GENERATORS

Number of generators to be interconnected pursuant to this Interconnection Request:

Flicker co-efficient:

Single Phase ☐ Three Phase ☐

Inverter: Manufacturer: Model Number

Model name: Version:

Power Factor range:

List of adjustable set points for the protective equipment or software:

DOCUMENTATION REQUIRED - Two copies of each required.

Information below to be submitted for all projects. All diagrams are to be on appropriate paper size as required for ease of reading. NSPI reserves the right to refuse drawings if they are not legible.

1. Electrical One-Line Diagram

A Single-line drawing showing the electrical relationship and descriptions of the significant electrical components such as the primary switchgear, secondary switchboard, protective relays, transformers, generators, circuit breakers, with operating voltages, capacities, and protective functions of the Generating Facility, the Customer's loads, metering and the interconnection with NSPI's system.

2. Project Location:

Provide area maps. Maps should show major cross streets and proposed plant location, and include the street address.

3. Site Plan:

Provide site plan, showing the physical arrangement of the major equipment, including generators, transformers, primary switchgear/secondary switchboard, and control panels, the Customer's loads and the interconnection with NSPI's System. Include the civic address, references, etc.

4. 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.