

Nova Scotia Power Incorporated



Distribution Generator Interconnection Process

Revised: December 18, 2008

Applicability: These procedures apply to generators greater than 100kW connected to Distribution Systems rated 26,400 volts and under. For generators under 100kW, please see NSPI's Net Metering information.

1 Making an Interconnection Request

Interconnection Request Requirements are:

- 1.1 Completed Distribution Interconnection Request Form available on NSPI's OASIS website: <http://oasis.nspower.ca/generation.shtml>
- 1.2 \$1000 fee
- 1.3 A map showing the project location

The \$1000 fee is non-refundable and is used to perform a Preliminary Assessment of the request. Payment must be in the form of a certified cheque. All forms, fees, and supporting documentation are to be sent to the following address:

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

The Interconnection Engineer is the point of contact through the interconnection process. The Interconnection Engineer will coordinate the activities of NSPI personnel required to assess the interconnection of the generating facility to the system.

2 Preliminary Assessment

- 2.1 NSPI acknowledges receipt of the application and once all required information has been provided, performs a Preliminary Assessment of the project, considering the size, type and location of the proposed generation equipment and the existing NSPI facilities in place.

2.2 The Preliminary Assessment report is provided to the Interconnection Customer with particulars of the existing NSPI system, a preliminary evaluation of various technical criteria, and an order of magnitude cost to build any upgrades identified by the assessment. The ability of the Generating Facility to be integrated with the Distribution System will be confirmed by the Combined System Impact / Facilities Study (SIS.)

3 Combined System Impact / Facilities Study (SIS)

- 3.1 The Interconnection Customer reviews the Preliminary Assessment and requests NSPI to proceed with the SIS.
- 3.2 NSPI provides the Interconnection Customer with a scope and estimate of the cost to perform the SIS. The Interconnection Customer is responsible for these study costs. An initial study deposit of \$10,000 is required to initiate the SIS. The deposit shall be in the form of a certified cheque.
- 3.3 NSPI completes the SIS based on the information provided with the Interconnection Request and develops specific interconnection requirements and cost estimates for any required system additions/upgrades. The SIS is then provided to the Interconnection Customer for review.

4 Standard Small Generator Interconnection Agreement (SSGIA)

- 4.1 The Interconnection Customer accepts the SIS requirements and cost estimates, and provides payment of the required upgrade costs.
- 4.2 NSPI and the Interconnection Customer develop the project specific terms of the SSGIA. The Interconnection Customer executes the SSGIA.
- 4.3 In accordance with the SSGIA, construction of required facilities commences.
- 4.4 When all requirements of the SSGIA are met, NSPI executes the SSGIA.
- 4.5 Prior to full commercial operation, NSPI & the Interconnection Customer perform and/or witness commissioning and testing of facilities.
- 4.6 Final reconciliation of actual interconnection costs will determine actual costs to be paid by the Interconnection Customer.

5 Time Required for Applications/Assessments/Studies

- 5.1 NSPI will acknowledge receipt of the initial Interconnection Request within five (5) business days. NSPI will make every effort to process the initial application, which includes the completion of the Preliminary Assessment within six (6) weeks of receiving the application. An SIS is normally completed within three months of initiation by the Interconnection Customer. Actual times required may vary with the availability of NSPI staff and/or qualified consultants.
- 5.2 Any consultants used for these assessments / studies will work under contract to NSPI. The Interconnection Customer will be responsible for all NSPI costs incurred which will include the cost paid to the consultants and the cost for NSPI supervision of the consultants.

6 Priority of Generation Projects & Expiration of Priorities

- 6.1 Distribution generation interconnection requests will be given priority in the order of the date/time received. When applications are processed (screening, assessment, SIS) the interdependence of generation proposals that have already been received will be considered.

7 Fees Payable by Project Proponent

- 7.1 The Interconnection Customer must pay all costs associated with evaluating the project and connecting the generator to NSPI's system. These costs include the cost of processing the application and carrying out any assessments and studies that in the judgment of NSPI are required before allowing the project to proceed. These fees, that will be paid by the project proponent before NSPI proceeds with the assessments, are as follows:
 - 7.2 Application fee - \$1000.per application (Fixed rate, covers processing costs and cost to conduct a Preliminary Assessment.)
 - 7.3 Combined System Impact / Facilities Study– initial refundable deposit of \$10,000 required. Any remaining amount will be refunded or outstanding balance will be invoiced to the Interconnection Customer.
 - 7.4 The fees and deposits should be made payable to Nova Scotia Power Inc. Payments must be in the form of certified cheques.