

Guidelines for Completing an Application for Generator Interconnection

1.0 Introduction

In accordance with Section 6.0 of the *Generator Interconnection Procedures*, an Eligible Customer may apply for Interconnection Service from the Newfoundland and Labrador System Operator (NLSO). This document is intended to guide Eligible Customers in completing applications for Interconnection Service from the NLSO. All capitalized terms in this document are defined in Section 2.0 of the *Generator Interconnection Procedures*.

An application for Interconnection Service is separate from and in addition to a request for transmission service. The *Generator Interconnection Procedures* do not determine the capability of the transmission network to deliver and receive the electric power and energy requirements in the context of transmission and ancillary services. Nor does a signed Interconnection Agreement provide the Interconnection Customer with any rights to transmission service. Procedures for requesting transmission service can be found in Section 5.0 of the *NL Transmission Policies and Procedures* and in the *Guidelines for Completing an Application for Transmission Service* available on the NLSO's OASIS.

2.0 Submission of Application

To apply for Interconnection Service from the NLSO, an Eligible Customer must complete the **Application for Generator Interconnection** and return it, with a \$10,000 security deposit (or proof of deposit), to the NLSO by fax, e-mail or mail to:

Attention: Manager, Reliability Standards and Commercial Compliance
Fax: 709-737-1318
E-Mail: transmissionservices@nlh.nl.ca
Mailing Address: Attention: Manager, Reliability Standards and Commercial Compliance
Newfoundland and Labrador System Operator
Hydro Place, 500 Columbus Drive
P.O. Box 12400
STN A. St. John's, NL
A1B 4K7

Questions regarding the application process or interconnection services may be referred to the Manager, Reliability Standards and Commercial Compliance as follows:

Phone: 709-570-5906
Fax: 709-737-1318
E-Mail: transmissionservices@nlh.nl.ca

The *NLSO Standard - Technical Requirements for Connection to the NL Transmission System* are available under the Generator Interconnection section on the NLSO's OASIS. The document provides the minimum technical requirements for connecting a Generating Facility to the NL Transmission System or NL Sub-Transmission System. The requirements in the document apply to both new Generating Facilities requesting interconnection, and existing Generating Facilities requesting modifications.

Following approval of an Application for Generator Interconnection, and the completion of all applicable System Impact Studies and Facility Studies, the NLSO shall offer Eligible Customers an Interconnection Agreement in accordance with Section 14.0 of the *Generator Interconnection Procedures*.

3.0 Deposit Requirements

In accordance with Section 6.0 and 7.0 of the *Generator Interconnection Procedures*, a Completed Application for Interconnection Service shall include a security deposit in the amount of \$10,000 plus applicable taxes, which may be applied toward associated System Impact and Facilities Studies.

The method of payment for any required deposit may be either certified cheque payable to the NLSO, or Electronic Wire Payment to the NLSO. Please contact the Manager, Reliability Standards and Commercial Compliance for information pertaining to the submittal of security deposit payments for Generator Interconnection Applications.

4.0 Applications for Generator Interconnection

To apply for Interconnection Service, an Eligible Customer must complete and return the **Application for Generator Interconnection** at least three (3) years prior to the proposed commencement of the Interconnection Service being applied for. To be considered a Completed Application, the application must include the \$10,000 security deposit as per Section 3.0 above, as well as provide the following information:

1. Identity of Applicant - applicants must provide their company name, address, telephone number, fax number and e-mail address of the entity requesting service, as well as a contact name.
2. Eligibility for Interconnection - an applicant must be approved as an Eligible Customer, pursuant to Section 5.0 of the *Generator Interconnection Procedures* prior to the granting of any requested Interconnection Service and commencement of such service. An applicant must check 'Yes' or 'No' to confirm Eligible Customer status.
3. Interconnection to be Requested - an applicant must select whether the Interconnection being applied for is either interconnection of a new Generating Facility or a modification to an existing Generating Facility, its capacity or Point of Interconnection.
4. Interconnection Service to be Requested- an applicant must select the Interconnection Service it is applying for. Energy Resource Interconnection Service allows the Interconnection Customer to connect its Generating Facility to the NL Transmission System or NL Subtransmission System to be eligible to deliver the Generating Facility's electric output using the existing firm or non-firm capacity of the NL Transmission System or NL Subtransmission System on an as available basis. Energy Resource Interconnection Service in and of itself does not convey transmission service. Network Resource Interconnection Service shall mean an Interconnection Service that allows the Interconnection Customer to integrate its Generating Facility with the NL Transmission System or NL Subtransmission System in a manner comparable to that in which the NLSO integrates its generating facilities to serve native load customers. Network Resource Interconnection Service in and of itself does not convey transmission service.
5. Required Technical Information – applicants must provide the following technical information:
 - 5.1. The address or location of the proposed or existing Generating Facility;
 - 5.2. A location diagram for the proposed new or existing Generating Facility and Transmission System;
 - 5.3. The name of the existing Generating Facility (if applicable);
 - 5.4. The installed capacity of the proposed new Generating Facility in MW and MVAR;
 - 5.5. The anticipated capacity of the proposed new Generating Facility at annual peak load in MW and MVAR, with the corresponding temperature in degrees Celsius;
 - 5.6. The projected ultimate capacity of the proposed new Generating Facility in MW and MVAR, with the corresponding temperature in degrees Celsius;
 - 5.7. The number of units required for the proposed new Generating Facility;
 - 5.8. The change in generating capacity of an existing Generating Facility in MW and MVAR for both summer and winter loads, with the corresponding temperatures in degrees Celsius;

- 5.9. The approximate location of the proposed Point of Interconnection (optional);
 - 5.10. The scheduled commissioning date (day, month, year), defined as the date in which commissioning has been completed;
 - 5.11. The commercial operation date (day, month, year), defined as the date on which the Interconnection Customer commences commercial operation of the unit at the Generating Facility after trial operation of such unit has been completed;
 - 5.12. The initial synchronization date (day, month, year), defined as the date upon which the Generating Facility is initially electrically connected to, and energized by, the Transmission System and upon which trial operations begin;
 - 5.13. The requirements for power during the construction period, including real power (MW), reactive power (MVAR), and the date required (day, month, year);
 - 5.14. The primary and secondary fuel sources;
 - 5.15. A general description of the equipment configuration (attach additional pages as needed); and
 - 5.16. All additional information, as outlined in Appendix A of the *NLSO Standard - Technical Requirements for Connection to the NLSO Transmission System*. The applicant shall designate any information requiring Confidential Protection.
6. Statement of Applicant - an authorized officer of the applicant must sign and date the application. In doing so, the authorized officer is stating that the information and representations set forth on the application are true and correct to the best of his/her information, knowledge and belief, and that the applicant will execute an Interconnection Agreement (in the form posted on OASIS) upon receipt of notification that the NLSO can provide the requested Interconnection Service.