

TABLE OF CONTENTS

	PAGE
APPENDIX 4 to GIP	1
INTERCONNECTION FACILITIES STUDY AGREEMENT	1

APPENDIX 4 to GIP
INTERCONNECTION FACILITIES STUDY AGREEMENT

THIS AGREEMENT is made and entered into this ___ day of _____, 20__ by and between _____, a _____ organized and existing under the laws of the State/Province of _____, ("Interconnection Customer,") and _____ a _____ existing under the laws of the Province of Nova Scotia, ("Transmission Provider "). Interconnection Customer and Transmission Provider each may be referred to as a "Party," or collectively as the "Parties."

RECITALS

WHEREAS, Interconnection Customer is proposing to develop a Generating Facility and/or storage for later injection, or a generating and/or storage for later injection capacity addition to an existing Generating Facility consistent with the Interconnection Request submitted by the Interconnection Customer dated _____; and _____.

WHEREAS, Interconnection Customer desires to interconnect the Generating Facility and/or storage for later injection with the Transmission System;

WHEREAS, the Transmission Provider has completed an Interconnection System Impact Study (the "System Impact Study") and provided the results of said study to the Interconnection Customer; and

WHEREAS, Interconnection Customer has requested the Transmission Provider to perform an Interconnection Facilities Study to specify and estimate the cost of the equipment, engineering, procurement and construction work needed to implement the conclusions of the Interconnection System Impact Study in accordance with Good Utility Practice to physically and electrically connect the Generating Facility and/or storage for later injection to the Transmission System.

NOW, THEREFORE, in consideration of and subject to the mutual covenants contained herein the Parties agree as follows:

- 1.0 When used in this Agreement, with initial capitalization, the terms specified shall have the meanings indicated in the Transmission Provider's Board-approved GIP.
- 2.0 Interconnection Customer elects and Transmission Provider shall cause an Interconnection Facilities Study consistent with Section 8.0 of this GIP to be performed in accordance with the Tariff.
- 3.0 The scope of the Interconnection Facilities Study shall be subject to the assumptions set forth in Attachment A and the data provided in Attachment B to this Agreement.
- 4.0 The Interconnection Facilities Study report (i) shall provide a description, estimated cost of (consistent with Attachment A), schedule for required facilities to interconnect the Generating Facility to the Transmission System and (ii) shall address the short circuit, instability, and power flow issues identified in the Interconnection System Impact Study.
- 5.0 The Interconnection Customer shall provide a deposit for the performance of the Interconnection Facilities Study as follows.

<u>Project Capacity:</u>	<u>Facilities Study Deposit plus Re-Study Deposit</u>		
Does not exceed 10 MW (If required):	\$ 15,000		N/A
Exceeds 10 MW but does not exceed 20 MW:	\$ 25,000	plus	\$25,000
Exceeds 20 MW but does not exceed 150MW:	\$ 50,000	plus	\$50,000
Exceeds 150 MW:	\$ 75,000	plus	\$75,000

The time for completion of the Interconnection Facilities Study is specified in Attachment A.

Upon receipt of the Interconnection Facilities Study, Transmission Provider shall charge and Interconnection Customer shall pay the actual costs of the Interconnection Facilities Study.

The Transmission Provider shall continue to hold the amounts or security on deposit until settlement of the final invoice. In the event the Interconnection Customer fails to pay the final invoice in full when due, the Transmission Provider may apply the amounts or security on deposit against the total amount of the invoice then outstanding.

- 6.0 Miscellaneous. The Interconnection Facility Study Agreement shall incorporate by reference the following Articles of the Standard Generator Interconnection and Operating Agreement: 15.1, 15.2, 15.3, 19, 20, 21, 22, 26, 27, 28 and 30.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

[Insert name of Transmission Provider or Transmission Owner, if applicable]

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

[Insert name of Interconnection Customer]

By: _____

Title: _____

Date: _____

Attachment A
To Appendix 4
Interconnection Facilities
Study Agreement

**INTERCONNECTION CUSTOMER SCHEDULE ELECTION FOR CONDUCTING
THE INTERCONNECTION FACILITIES STUDY**

The Transmission Provider shall use Reasonable Efforts to complete the study and issue a draft Interconnection Facilities Study report to the Interconnection Customer within the following number of days after Facilities Study commencement date:

- one hundred twenty Calendar Days with no more than a +/- 10 percent cost estimate contained in the report.

Attachment B (page 1)
Appendix 4
Interconnection Facilities
Study Agreement

**DATA FORM TO BE PROVIDED BY INTERCONNECTION CUSTOMER WITH THE
INTERCONNECTION FACILITIES STUDY AGREEMENT**

Provide location plan and simplified one-line diagram of the plant and station facilities. For staged projects, please indicate future generation, transmission circuits, etc.

One set of metering is required for each generation connection to the new ring bus or existing Transmission Provider station. Number of generation connections:

On the one line indicate the generation capacity attached at each metering location. (Maximum load on CT/PT)

On the one line indicate the location of auxiliary power. (Minimum load on CT/PT) Amps

Will an alternate source of auxiliary power be available during CT/PT maintenance?

Yes No

Will a transfer bus on the generation side of the metering require that each meter set be designed for the total plant generation?

Yes No (Please indicate on one line).

What type of control system or PLC will be located at the Interconnection Customer's Generating Facility?

What protocol does the control system or PLC use?

Please provide a 7.5-minute quadrangle of the site. Sketch the plant, station, transmission line, and property line.

Physical dimensions of the proposed interconnection station:

Bus length from generation to interconnection station:

Line length from interconnection station to Transmission Provider's transmission line.

Tower number observed in the field. (Painted on tower leg)*

Number of third party easements required for transmission lines*:

* To be completed in coordination with Transmission Provider.

Is the Generating Facility in the Transmission Provider's service area?

_____ Yes _____ No Local provider: _____

GIP Appendix 4 – Interconnection Facilities Study Agreement

Please provide proposed schedule dates:

Begin Construction Date: _____

Generator step-up transformer
receives back feed power Date: _____

Generation Testing Date: _____

Commercial Operation Date: _____