



Open Access Interconnection Tariff Business Practices

VERSION 6.0

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Document Change History

Issue	Reason for Issue	Date
1	Initial publication	05/12/2004
2	Added section 8, "Interconnection & Operating Agreement"	12/07/2006
3	Added detail to the tariff revision section. Added Interconnection Service section. Added Transmission Service section. Added Interconnection Study Financial Procedures Removed Milestones section.	13/12/2007
4	Revised Generation Queue updates	9/12/2009
5	Deleted interest references for IES and IFS deposits. Minor punctuation cleanup.	02/08/2011
6	Added diagram to link OAIT to OATT transmission service.	10/03/2011

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1 Introduction

This document contains the business practices of the Manitoba Hydro Electric Board (MHEB) in implementing its Open Access Interconnection Tariff (OAIT). These practices are intended to supplement the MHEB OAIT, and to the extent there is a conflict between the MHEB OAIT and these business practices, the OAIT will apply.

2 General Inquiries

For General Inquiries regarding the OAIT contact:

Michael Fones, CET
Tariff Administration Officer
Transmission Services Department
Manitoba Hydro
Phone (204) 487-5304
Email: mfoness@hydro.mb.ca

Or

Jo-Anne Ross, C.A.
Rates Administration Officer
Transmission Services Department
Manitoba Hydro
Phone (204) 487-5348
Email: jross@hydro.mb.ca

3 Submitting an Interconnection Request

To submit an interconnection request complete Attachment 1 of the OAIT and forward to:

Tariff Administrator
Transmission Services Department
Manitoba Hydro
Box 815 Taylor Avenue
Winnipeg, Manitoba
R3C 2P4

4 Signing Authority of Interconnection Requests

The purpose of this business practice is to ensure Manitoba Hydro is informed by the interconnection customer which officers of the interconnection customer have authority to authorize changes and approvals during the interconnection process

Upon request by Manitoba Hydro the interconnection customer shall provide a certified copy of proof of business registration/incorporation complete with documentation of signing authority signed by the authorizing officer. The interconnection customer shall identify which officers shall receive official notifications and which officers have authority to sign an interconnection & operating agreement with Manitoba Hydro.

5 Transferability of Queue Position

The purpose of this business practice is to define the process whereby Manitoba Hydro can evaluate queue position transfers.

The original Interconnection customer shall submit a written request to Manitoba Hydro requesting re-assignment of the queue position. The interconnection customer shall provide:

- Reason for re-assignment
- Proof of business registration/incorporation
- Approval of authorizing Officer
- Proof of business registration/incorporation for the new interconnection customer (Assignee)
- Approval of authorizing Officer of new interconnection customer (Assignee)
- Contact information for the new interconnection customer (Assignee)

Manitoba Hydro will review the transfer request and notify both the original interconnection customer and the assignee within fifteen (15) days whether the transfer has been approved or denied.

6 Manitoba Hydro OASIS Postings

6.1 Generation Queue Updates

The generation queue posted on OASIS is updated as soon as practicable whenever a new interconnection request is received or the status of an existing interconnection request has changed. Interconnection requests shall remain in the queue for seven (7) days following withdrawal, termination or the construction of transmission interconnection facilities.

6.2 Posting of Interconnection Evaluation Studies & Interconnection Facilities Studies

Interconnection Evaluation Studies and Interconnection Facilities studies will remain posted on OASIS until the facilities are constructed and transmission information is incorporated into Manitoba Hydro Operating Guidelines or ninety (90) days following the termination of the interconnection request.

6.3 Archives

All previous OASIS postings are archived on OASIS

7 Obtaining Transmission Service

As per section 2.3 of the Manitoba Hydro Open Access Interconnection Tariff, an Interconnection Request under this Tariff does not constitute a request for Transmission Service. A Generator must request Transmission Service under the Manitoba Hydro Open Access Transmission Tariff (OATT). Transmission Service is awarded based upon available transmission capacity on the system at the time of the request. Additional studies may be required, the Interconnection Customer is advised to request transmission service as soon as practical. All rates, terms and conditions of the Manitoba Hydro OATT apply to a request for

Transmission Service. The OATT, Business Practices and related information may be found at the Manitoba Hydro OASIS site; <http://oasis.midwestiso.org/oasis/MHEB>

7.1 Network Customer & Network Resource Interconnection Service

Network Integration Transmission Service (NITS) permits Network Customers to utilize their Network Resources within Manitoba. It is recommended that the Network Customer notify Manitoba Hydro of the designation of a new Network Resource as soon as practicable, the availability of NITS Service to the new Network Resource shall be based upon the notice date.

For example if a Interconnection Customer proceeds through the OAIT process and executes an IOA with NRIS (January 2011), and the Network Customer provides notice to designate the facility as a Network Resource at the time of signing of the IOA (January 2011), the studies completed under the OAIT process demonstrate the facility can be designated as a Network Resource.

Alternatively, if a Interconnection Customer proceeds through the OAIT process and executes an IOA with NRIS (January 2011), and the Network Customer provides notice to designate the facility as a Network Resource at the time of Commercial operation (January 2013), the studies completed under the OAIT process are out of date and a new study under the OATT may be required to demonstrate the facility can be designated a Network Resource.

Please see Figure 1 for additional procedural information on obtaining firm transmission service for Generator interconnections.

7.2 Energy Resource Interconnection Service

Energy Resource Interconnection Service allows the Generator to connect its Facility to the System to be eligible to deliver the Facility's electric output using the existing firm or non-firm capacity of the Transmission System on an as available basis.

To obtain transmission service for an Energy Resource:

- Generator must become an Eligible Customer under the MHEB OATT and purchase Firm or Non Firm Transmission Service via the MHEB OASIS; or
- A Network Customer may use Secondary Service to deliver energy from the Energy Resource to its Network Load under the terms of the MHEB OATT

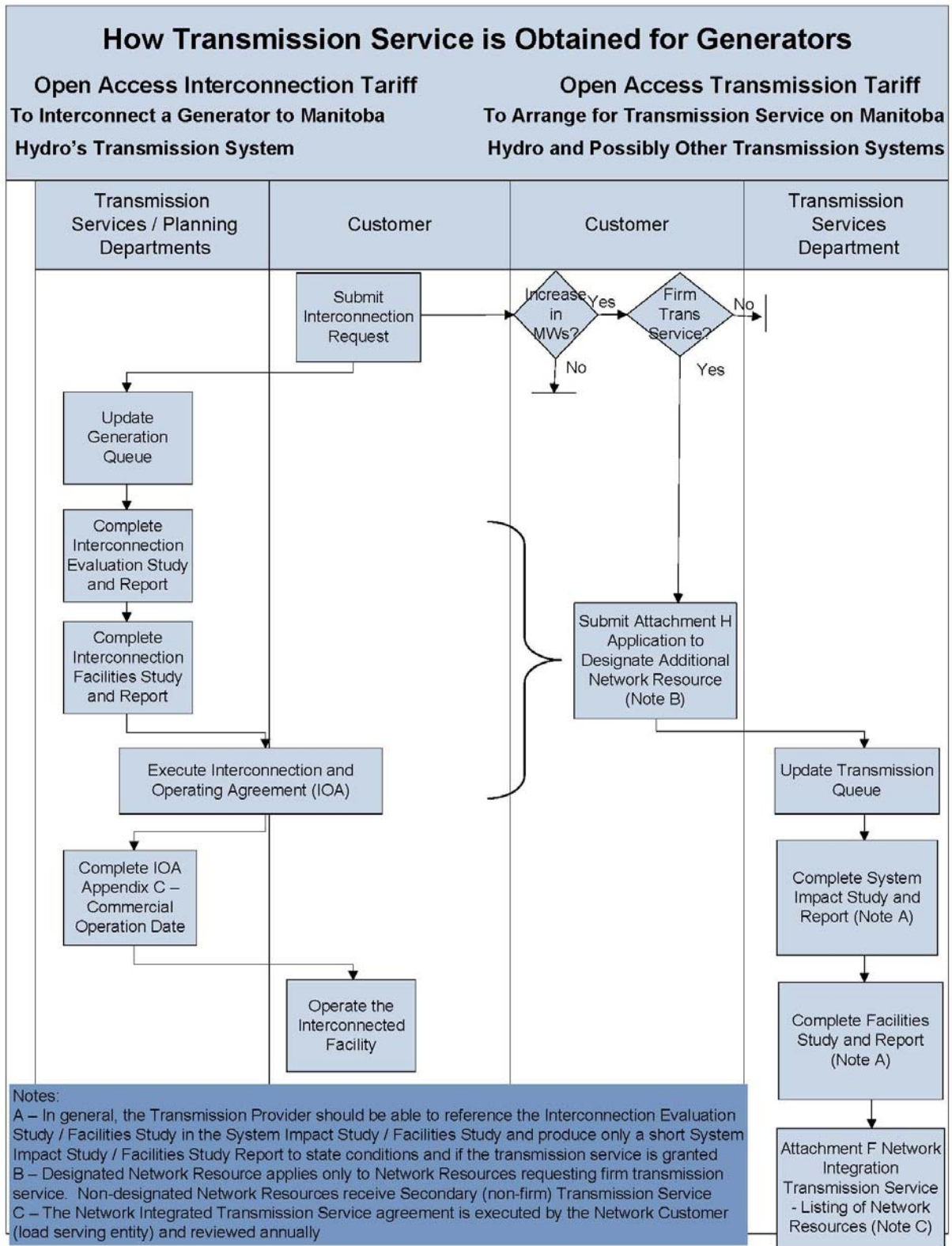


Figure 1: Obtaining Transmission Service for Generator Interconnections

8 Interconnection Study Financial Procedures

After an Interconnection Request is deemed a valid Interconnection Request, the certified cheque used for the deposit that accompanies the request is deposited into an account that is specifically reserved for Interconnection Request and Interconnection Study deposits. No interest shall be paid by Manitoba Hydro on monies deposited by a Generator that are applied towards the costs of Interconnection Studies.

8.1 Interconnection Evaluation Study (IES) Costs

Manitoba Hydro prepares an estimate for the Evaluation Study based on the scope provided during the Scoping Meeting minus the deposit already provided by the Generator. The Generator must sign the IES agreement and provide the estimated IES study costs before the study is started. The Generator shall supply the estimated study costs via certified cheque or by Manitoba Hydro wire account. Manitoba Hydro shall deposit the funds in the Interconnection Request account.

The IES actual expenses are accumulated in an individual Manitoba Hydro account created to track study costs, exclusively for the individual IES. Study expenses may be entered into this IES account by the Manitoba Hydro departments that are responsible for the;

- Transmission evaluation study,
- Transmission cost estimates and
- Consultants that may be hired by Manitoba Hydro exclusively for the interconnection request.

After the Interconnection Evaluation Study report is completed, Manitoba Hydro shall total the IES costs accumulated and withdraw the funds from the Interconnection Request account to cover the total IES expenses. Manitoba Hydro shall provide a statement that includes the sum of expenses incurred for the Evaluation Study including banking fees minus the funds from the account to arrive at IES balance.

$$\text{IES balance} = \text{IES study expenses} + \text{Banking fees} - \text{Generator Deposits}$$

The statement is sent to the Generator along with the IES report. The Generator has the option to true up the IES balance or carry over the balance to the payment for estimated cost of the IFS. Should the Generator decide not to proceed with the IFS, Manitoba Hydro shall refund the Generator their remaining funds in the Interconnection Request account or the Generator must pay any outstanding difference. Manitoba Hydro may withdraw IES expenses on a monthly basis from the Interconnection Request account for lengthy interconnection studies.

8.2 Interconnection Facility Study (IFS) Costs

Manitoba Hydro prepares an estimate for the IFS based on the scope for the study plus or minus the IES balance of expenses, if any. The Generator must sign the IFS agreement and provide the

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estimated IFS study costs before the study is started. The Generator shall supply the estimated study costs via certified cheque or by Manitoba Hydro wire account. Manitoba Hydro shall deposit the funds in Interconnection Request account.

The IFS actual expenses are accumulated in an individual Manitoba Hydro account created to track study costs, exclusively for the individual IFS. Study expenses may be entered into this IFS account by the Manitoba Hydro departments that are responsible for the;

- Transmission evaluation study,
- Transmission, apparatus and/or station design cost estimates and payment schedules,
- Transmission construction schedules, and
- Consultants that may be hired by Manitoba Hydro exclusively for the interconnection request.

After the Interconnection Evaluation Study report is completed, Manitoba Hydro shall total the IFS costs accumulated and withdraw the funds from the Interconnection Request account to cover the total IFS expenses. Manitoba Hydro shall provide a statement that includes the sum of expenses incurred for the Facility Study including banking fees minus the funds from the Interconnection Request account to arrive at IFS balance.

$$\text{IFS balance} = \text{IFS study expenses} + \text{Banking fees} - \text{Generator Deposits}$$

The statement is sent to the Generator along with the IFS report. Manitoba Hydro shall refund the Generator their remaining funds in the Interconnection Request account or the Generator must pay any outstanding difference. Manitoba Hydro may withdraw IFS expenses monthly from the Interconnection Request account for lengthy interconnection studies.