

Attachment B

Comparison Version of the Revised Proposed Amendments to the Transmission System Code Relative to the October Proposed Amendments (for information purposes only)

Note: The text of the proposed amendments is set out in italics below, for ease of identification only.

1. Section 2.0.13 of the Transmission System Code is amended by adding the following to the end of that section immediately before the semi-colon:

, and includes an enabler facility

2. Section 2 of the Transmission System Code is amended by adding the following immediately after section 2.0.28:

2.0.28A *“enabler facility” means a line connection facility or a transformation connection facility that is or will be constructed, owned and operated by a transmitter and to which two or more generation facilities that are included in a renewable resource cluster are connected or intend to connect to convey energy into a transmitter’s transmission system, where either (a) the connection facility is identified as an “enabler facility” and the associated renewable resource cluster is identified as such in an integrated power system plan that has been approved under Part II.2 of the Electricity Act; or (b) the associated renewable resource cluster is the subject of a direction issued by the Minister to the Ontario Power Authority under section 25.32 of the Electricity Act on or after [•] [insert date of coming into force of this amendment] and the Board, on the advice of the Ontario Power Authority, has determined that a connection facility is required.*

3. Section 2.0.57 of the Transmission System Code is deleted and replaced with the following:

2.0.57 “renewable generation” means a generation facility that generates electricity using a renewable energy source as defined in the Electricity Act;

4. Section 2 of the Transmission System Code is amended by adding the following immediately after section 2.0.57:

2.0.57A “renewable resource cluster” means a geographic area identified as such in an integrated power system plan approved under Part II.2 of the Electricity Act or in a direction issued by the Minister to the Ontario Power Authority under section 25.32 of the Electricity Act where resources suitable for renewable generation are present and where the renewable generation facilities are not, or are not expected to be, owned or controlled by the same person;

Deleted: defined

5. Section 6.2.24 of the Transmission System Code is amended by adding the following immediately after the phrase “for the construction of a connection facility,” in the first sentence:

other than an enabler facility,

6. Section 6.3.3 of the Transmission System Code is amended by deleting the phrase “a generator customer’s needs,” in the first sentence and replacing it with the following:

the needs of one or more generation customers or is required to construct an enabler facility,

7. Section 6.3.4 of the Transmission System Code is deleted and replaced with the following:

Where a transmitter has to modify a transmitter-owned connection facility to meet the needs of one or more generator customers or is required to construct an enabler facility, the transmitter shall require the applicable generator customer or customers to make a capital contribution to cover the cost of the modified connection facility or of the enabler facility, calculated in accordance with the economic evaluation methodology set out in section 6.5.

Deleted: each

8. Section 6.3.8 of the Transmission System Code is deleted and replaced with the following:

A transmitter shall not require a customer to make a capital contribution for capacity added by the transmitter to a transmitter-owned connection facility in anticipation of future load growth not attributable to that customer or in anticipation of the future capacity requirements of other generator customers. For this purpose, where the transmitter-owned connection facility is an enabler facility, the capacity requirements of the renewable

Deleted: associated

generation facilities expected to connect to the enabler facility shall not be considered as future capacity requirements.

Deleted: in the associated renewable resource cluster at the time of construction

9. Section 6.3.9 of the Transmission System Code is amended by deleting the words “as described in section 6.3.14, 6.3.15 or 6.3.16” at the end of the second sentence and replacing it with the following:

as described in section 6.3.14, 6.3.14A, 6.3.15 or 6.3.16

Deleted: 8. Section 6.3 of the Transmission System Code is amended by adding the following immediately after section 6.3.8:

¶
6.3.8A . . . Where a transmitter constructs an enabler facility, the transmitter shall not require a customer whose generation facility is part of the associated renewable resource cluster to make a capital contribution for capacity added by the transmitter to the enabler facility at the time of construction in response to a request for capacity by a customer whose facilities are not part of the associated renewable resource cluster. In such a case, the transmitter shall attribute to the additional customer the cost associated with the incremental capacity added to the enabler facility in accordance with section 6.3.9, net of the cost attributable to customers whose generation facilities are part of the associated renewable resource cluster. ¶

10. Section 6.3 the Transmission System Code is amended by adding the following immediately after section 6.3.10:

6.3.10A Despite section 6.3.10, a transmitter may not require a security deposit in relation to the construction of an enabler facility.

11. Section 6.3 of the Transmission System Code is amended by adding the following immediately after section 6.3.14:

6.3.14A *Where a transmitter is required to construct an enabler facility, the transmitter shall attribute the cost of the enabler facility, depreciated to the time of connection, to generator customers connecting to the enabler facility from time to time in proportion to i) the nameplate capacity of their respective generation facilities at the time of connection expressed as a percentage of the total capacity of the enabler facility and ii) where the enabler facility is a line connection facility, the relative length of line used by each generator customer. For this purpose, the total capacity of the enabler facility shall be determined on the basis of its capacity at the time at which the enabler facility comes into service.*

Deleted: Section 6.3.10 of the Transmission System Code is amended as follows:

¶
(i) by adding the following immediately after the phrase “as a result of a connection application from a customer,” in the first sentence:¶

¶
or where

Deleted: the transmitter is required to

Deleted: construct an enabler facility,

Deleted: . (ii) . by adding the following immediately after the first sentence:¶

¶
Where the connection facility is an enabler facility, the amount of the security deposit payable by a generator customer whose generation facility is part of the associated (... [1]

12. Section 6.3 of the Transmission System Code is amended by adding the following immediately after section 6.3.16:

6.3.16A Despite section 6.3.16:

(a) a transmitter shall not attribute the cost of an enabler facility to a load customer that connects to the enabler facility unless section 6.3.2 applies; and

Deleted:

Deleted: of construction

Deleted: whose generation facilities are

Deleted: sited in the associated renewable resource cluster

Deleted: facility that is required to meet the capacity requirements of the associated renewable resource cluster

(b) a transmitter shall attribute the cost of an enabler facility to generator customers in accordance with section 6.3.14A.

13. Section 6.3.17 of the Transmission System Code is amended by adding the following immediately after the phrase “for the construction of a connection facility,” in the first sentence:

other than an enabler facility,

14. Section 6.5 of the Transmission System Code is amended by adding the following immediately after section 6.5.1:

6.5.1A *Where a transmitter constructs an enabler facility, the cost to be attributed to generator customers under section 6.3.14A shall be the fully allocated cost of the enabler facility. The transmitter shall include the capital cost of equipment installed on transmitter-owned connection facilities by the transmitter for monitoring the performance of the generation facilities and for verification testing of fault protection equipment associated with the generation facilities. If any generator customer elects to have verification testing costs included in the economic evaluation rather than paying such costs on an “as incurred” basis over time, the transmitter shall also include the present value of the estimated cost of doing periodic verification testing of its monitoring and testing equipment and, if necessary, of similar equipment owned by the generator customer. The transmitter shall include the present value of the operation and maintenance costs associated with an enabler facility.*

Deleted: transmitter shall require the generator customers

Deleted: whose generation facilities are part of the associated renewable resource cluster

Deleted: to pay, in the aggregate, the fully allocated cost of the

Deleted: minimum design required to meet the needs of the renewable resource cluster

Deleted: .

15. Section 13 of the Transmission System Code is amended by adding the following immediately after section 13.0.1:

13.0.2 *Except where expressly provided otherwise, any amendments to this Code shall come into force on the date on which the Board publishes the amendments by placing them on the Board’s website after they have been made by the Board.*

- (ii) by adding the following immediately after the first sentence:

Where the connection facility is an enabler facility, the amount of the security deposit payable by a generator customer whose generation facility is part of the associated renewable resource cluster shall be determined taking into account the capacity requirements of the generation facility as a percentage of the total capacity of the enabler facility that is required to meet the needs of the associated renewable resource cluster.