

6.7 Schedule 7 - Firm Point-To-Point Transmission Service

The charges for Firm Point-To-Point Transmission Service are described below. Section 2.7 of this Tariff contains the billing and settlement terms and identifies which customers are responsible for paying each of the charges. Charges are based on actual transmission use with billing units measured in MWh.

6.7.1 Transmission Usage Charge ("TUC")

The ~~monthly~~ TUC (in \$) for each Billing Period shall be the sum of the hourly values for each hour in ~~the month~~ that Billing Period of (i) the hourly Day-Ahead TUCs for Firm Point-To-Point Transmission Service scheduled in the Day-Ahead Market, and (ii) the hourly Real-Time TUCs for Firm Point-To-Point Transmission Service scheduled before the close of the Real-Time Scheduling Window.

6.7.1.1 The hourly Day-Ahead TUC shall be calculated as follows:

$$\text{Hourly Day-Ahead TUC} = \text{Scheduled Amount} \times (\text{DALBMP}_{\text{DP}} - \text{DALBMP}_{\text{RP}})$$

Where:

Scheduled Amount is the quantity of MWh scheduled for Firm Point-To-Point Transmission Service in the Day-Ahead Market by the Transmission Customer for that hour.

DALBMP_{DP} is the Day-Ahead LBMP price of Energy (in \$/MWh) in that hour measured at the Point of Delivery (or withdrawal) as specified in the Transmission Service schedule. The method used to calculate Day-Ahead LBMP is described in Attachment B of the Services Tariff.

DALBMP_{RP} is the Day-Ahead LBMP price of Energy (in \$/MWh) in that hour measured at the Point of Receipt (or injection) as specified in the Transmission Service schedule. The method used to calculate Day-Ahead LBMP is described in Attachment B of the Services Tariff.

6.7.1.2 The hourly Real-Time TUC shall be calculated as follows:

$$TUC \text{ for hour } k \text{ For transaction } j = \frac{1}{3600} \sum_{i=1}^n MW_{ij} * t_i * (LBMP_{ij}^r - LBMP_{ij}^s)$$

where:

MW_{ij} = MW of the Transmission Service for RTD execution interval i, for transaction j

n = Number of RTD intervals in an hour

t_i = Number of seconds in interval i which are part of hour k

$LBMP_{ij}^r$ = LBMP at withdrawal location r for RTD execution interval i, for transaction j

$LBMP_{ij}^s$ = LBMP at injection locations for RTD execution interval i, for transaction j

3600 = number of seconds in each hour

6.7.1.2.1 A Transmission Customer that submits a real-time Transmission Service schedule prior to the close of the Real-Time Scheduling Window, for an amount that is less than the Scheduled Amount, shall be credited for the difference at the Real-Time TUC.

6.7.1.2.2 A Transmission Customer that submits a Transmission Service schedule prior to the close of the Real-Time Scheduling Window, for an amount that is greater than the Scheduled Amount, shall be charged for the difference at the Real-Time TUC.

6.7.1.3 Exceptions

6.7.1.3.1 A Transmission Customer's Transmission Service schedule associated with an Export Bilateral Transaction shall be set equal to the physical schedule of the Export Bilateral Transaction for any hour in which the ISO physically curtails the customer's scheduled Transmission Service.

6.7.1.3.2 Transmission Customers with Grandfathered Rights that take Transmission Service in the Day-Ahead Market that corresponds to that customer's Grandfathered Rights shall pay for Marginal Losses associated with the hourly Day-Ahead LBMP in lieu of the TUC in accordance with Attachment K.

6.7.2 Marginal Losses

Payments for Marginal Losses (the "Marginal Losses Cost") shall equal the sum of the Hourly Day-Ahead Marginal Losses Cost and any adjustment to that cost as a result of subsequent schedule changes in the Real-Time Market (the "Hourly Real-Time Marginal Losses Cost")

6.7.2.1 Hourly Day-Ahead Marginal Losses Cost is calculated as follows:

Hourly Day-Ahead Marginal Losses Cost = Scheduled Amount x (DAMLC_{DP} - DAMLC_{RP})

Where:

DAMLC_{DP} is the Marginal Losses Component of the Day-Ahead LBMP measured at the Delivery Point identified in the Transmission Customer's schedule. The Day-Ahead LBMP is calculated in accordance with Attachment B of the Services Tariff.

DAMLC_{RP} is the Marginal Losses Component of the Day-Ahead LBMP measured at the Receipt Point identified in the Transmission Customer's schedule. The Day-Ahead LBMP is calculated in accordance with Attachment B of the Services Tariff.

6.7.2.2 Hourly Real-Time Marginal Losses Cost is calculated as follows:

Hourly Real-Time Marginal Losses Cost = Scheduled Amount x (RTMLC_{DP} - RTMLC_{RP})

Where:

RTMLC_{DP} is the Marginal Losses Component of the Real-Time LBMP measured at the Delivery Point identified in the Transmission Service schedule. The Real-Time LBMP is calculated in accordance with Attachment B of the Services Tariff.

RTMLC_{RP} is the Marginal Losses Component of the Real-Time LBMP measured at the Receipt Point identified in the Transmission Service schedule. The Real-Time LBMP is calculated in accordance with Attachment B of the Services Tariff.

6.7.2.2.1 If the Transmission Customer submits a Transmission Service schedule prior to the close of the Real-Time Scheduling Window, for an amount that is less than the Scheduled Amount in the Day-Ahead Market, the ISO shall credit that Transmission Customer for the difference in Marginal Losses Cost using the Real-Time LBMP Marginal Losses Component.

6.7.2.2.2 If the Transmission Customer submits a Transmission Service schedule prior to the close of the Real-Time Scheduling Window, for an amount that is greater than the Scheduled Amount in the Day-Ahead Market, the ISO shall charge that Transmission Customer for the difference in Marginal Losses Cost using the Real-Time LBMP Marginal Losses Component.

6.7.3 Wholesale Transmission Service Charge (“WTSC”)

The Wholesale Transmission Service Charge (in \$) is calculated as follows:

6.7.3.1 For Exports and Wheels Through

$$\text{WTSC} = \text{Schedule Amount} \times \text{WTSC Rate}$$

Where:

Scheduled Amount is the quantity of MWh scheduled in each hour for that month for Firm Point-To-Point Transmission Service by the Transmission Customer.

WTSC Rate is the Wholesale Transmission Service Charge Rate or combination of rates that applies to the Transmission Customer’s Transmission Service as determined in Attachment H.

6.7.3.2 For Imports and Internal Wheels

$$\text{WTSC} = \text{Actual Energy Withdrawals} \times \text{WTSC Rate}$$

6.7.4 Retail Transmission Service Charge (“RTSC”)

The rates and charges for retail transmission service are described in Part 5 of this Tariff.

6.7.5 NYPA Transmission Adjustment Charge ("NTAC")

LSEs serving retail access Load will be charged an NTAC consistent with each Transmission Owner's retail access program pursuant to Section 2.7 of this Tariff. The Transmission Customer shall pay to the ISO each ~~month~~ Billing Period the NTAC. NTAC (in \$) is calculated as follows:

6.7.5.1 For Exports and Wheels Through

$$\text{NTAC} = \text{Scheduled Amount} \times \text{NTAC Rate}$$

Where:

NTAC Rate is the rate listed and described in Attachment H.

Scheduled Amount is the amount of MWh scheduled in each hour for that ~~month~~ Billing Period for Firm Point-To-Point Transmission Service by the Transmission Customer.

6.7.5.2 For Imports and Internal Wheels

$$\text{NTAC} = \text{Actual MWh Withdrawals} \times \text{NTAC Rate}$$

Where:

NTAC Rate is the rate listed and described in Attachment H.