w/ TJM Edits

New York Independent System Operator, Inc.

FERC Electric Tariff

Original Volume No. 1

Schedule 2

Original Sheet No. 246

SCHEDULE 2

REACTIVE SUPPLY AND VOLTAGE CONTROL FROM GENERATION

SOURCES SERVICE Charges for Voltage Support Service

In order to maintain transmission voltages on the NYS Transmission System within

acceptable limits, generation facilities under the control of the ISO, and Qualified Non-Generator

<u>Voltage Support Resources</u>, are operated to produce (or absorb) reactive power. Thus, Reactive

Supply and Voltage Control from Generation Sources Service ("Voltage Support Service") must

be provided for each Transaction on the NYS Transmission System. The amount of Voltage

Support Service that must be supplied with respect to the Transmission Customer's Transaction

will be determined based on the reactive power support necessary to maintain transmission

voltages within limits that are generally accepted in the region and consistently adhered to by the

ISO.

Voltage Support Service is to be provided directly by the ISO. The methodologies that

the ISO will use to obtain Voltage Support Service and the associated charges for such service

are set forth below.

1.0 Responsibilities

The ISO shall coordinate the Voltage Support Service provided by generation facilities

and Qualified Non-Generator Voltage Support Resources that qualify to provide such services as

described in Section 1.1 of Rate Schedule 2 of the ISO

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Services Tariff.

1.1 Wheels Through, Exports and Purchases from the LBMP Market

Transmission Customers engaging in Wheels Through, Exports and Purchases from the

LBMP Market where the Energy is delivered to an NYCA Interconnection with another Control

Area shall purchase Voltage Support Service from the ISO at the rates described in the formula

contained in Section 2.1 of this Rate Schedule.

1.2 **Load-Serving Entities**

LSEs serving Load in the NYCA shall purchase all Voltage Support Service from the

ISO.

2.0 **Payments**

2.1 Payments made by Transmission Customers and LSEs

Transmission Customers shall pay the ISO for Voltage Support Service. The ISO shall

compute the Voltage Support Service Rate based on forecast data using the following equation

$$Rate_{VSS} = \frac{\sum_{VSSPayments}^{All} + PYA_{VSS}}{E}$$

Where:

Voltage Support Service Rate Ratevss

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 $Energy_{ISO}$ = The annual forecasted transmission usage for the year as projected by

the ISO including Load within the NYCA, Exports and Wheels

Through.

All

 $\sum NYISO_{VSSPayments}$ = The sum of the projected ISO payments to generation facilities and

Qualified Non-Generator Voltage Support Resources providing Voltage

Support Service based on Sections 2.0(a), 2.0(b) and 2.0(c) of Rate

Schedule 2 of the ISO Services Tariff.

PYA_{VSS} = Total of prior year payments to generation facilities <u>and Qualified Non-</u>

Generator Voltage Support Resources supplying Voltage

Support Service as defined in the ISO Services Tariff less the total of

payments received by the ISO from Transmission Customers and LSEs in

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the prior year for Voltage Support Service (including all payments for

penalties).

Transmission Customers engaging in Wheels Through, Exports and Purchases from the

LBMP Market where the Energy is delivered to a NYCA interconnection with another Control

Area shall pay to the ISO a charge for this service equal to the rate as determined in Section 2.1

of this Rate Schedule multiplied by their Energy scheduled in the hour. LSEs shall pay to the

ISO a charge for this service equal to the rate as determined in Section 2.1 of this Rate Schedule

multiplied by the Energy consumed by the LSE's Load located in the NYCA in the hour

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provided however LSEs taking service under Part IV of the OATT to supply Station Power as a

third-party provider shall pay to the ISO a charge for this service equal to the rate as determined

in Section 2.1 of this Rate Schedule multiplied by the LSE's Station Power provided under Part

IV of the OATT. The ISO shall credit Revenue collected by application of this charge, on a

Load ratio share basis, to Transmission Customers engaging in Wheels Through, Exports and

Purchases from the LBMP Market where the Energy is delivered to a NYCA interconnection

with another Control Area in the day and LSEs serving New York Control Area Load in the day.

For LSEs and all Wheels Through, Exports and Purchases from the LBMP Market for Energy

delivered to a NYCA interconnection with another Control Area, the ISO shall calculate the

payment hourly. The ISO shall bill each Transmission Customer or LSE monthly.

3.0 **Self-Supply**

All Voltage Support Service shall be purchased from the ISO.

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