

New York Independent System Operator, Inc.
FERC Electric Tariff
Original Volume No. 2

~~Third~~ ~~Second~~ ~~Third~~ ~~Fourth~~ ~~Fifth~~ Revised Sheet No. 61A
Superseding ~~Second~~ ~~Third~~ ~~Fourth~~ Revised Sheet No. 61A

2.151a Ramp Capacity

The amount of change in the Desired Net Interchange that generation located in the NYCA can support at any given time. Ramp capacity may be calculated for all Interfaces between the NYCA and neighboring Control Areas as a whole or for any individual Interface between the NYCA and an adjoining Control Area.

2.151b RCRR TCC:

A zone-to-zone TCC created when a Transmission Owner with a RCRR exercises its right to convert the RCRR into a TCC pursuant to Section 6.3 of Part IV of Attachment B of this Tariff.

2.152 Reactive Power (MVar)

The product of voltage and the out-of-phase component of alternating current. Reactive Power, usually measured in MVar, is produced by capacitors (synchronous condensers) and over-excited Generators and absorbed by reactors or under-excited Generators and other inductive devices including the inductive portion of Loads.

2.153 Real Power Losses

The loss of Energy, resulting from transporting power over the NYS Transmission System, between the Point of Injection and Point of Withdrawal of that Energy.

2.153a Real-Time Bid

A Bid submitted into the Real-Time Commitment at least seventy-five minutes before the start of a dispatch hour, or at least eighty-five minutes before the start of a dispatch hour if the bid seeks to schedule an External Transaction at the Proxy Generator Bus associated with the Cross Sound Scheduled Line.

2.153b Real-Time Commitment (“RTC”)

A multi-period security constrained unit commitment and dispatch model that co-optimizes to solve simultaneously for Load, Operating Reserves and Regulation Service on a

DRAFT, FOR DISCUSSION PURPOSES ONLY

12/4/04

Issued by: William J. Museler, President

Effective: ~~December 21, 2003~~ February 2, 2004

Issued on: ~~October 23~~ *November 26* December 12, 2003

~~Filed to comply with order of the Federal Energy Regulatory Commission, Docket No. ER03-552-000 and ER03-552-001, issued September 22, 2003, 104 FERC ¶ 61,311 (2003).~~

New York Independent System Operator, Inc.
FERC Electric Tariff
Original Volume No. 2

Original Sheet No. 61A.01

2.153a Real-Time Bid

A Bid submitted into the Real-Time Commitment at least seventy-five minutes before the start of a dispatch hour, or at least eighty-five minutes before the start of a dispatch hour if the bid seeks to schedule an External Transaction at the Proxy Generator Bus associated with the Cross Sound Scheduled Line.

2.153b Real-Time Commitment (“RTC”)

A multi-period security constrained unit commitment and dispatch model that co-optimizes to solve simultaneously for Load, Operating Reserves and Regulation Service on a

Issued by: William J. Museler, President
Issued on: December 12, 2003

Effective: February 2, 2004

New York Independent System Operator, Inc.
FERC Electric Tariff
Original Volume No. 2

Original Sheet No. 97.00

4.4.2 Real-Time Commitment (“RTC”)

A. Overview

RTC will make binding unit commitment and de-commitment decisions for the periods beginning fifteen minutes (in the case of Resources that can respond in ten minutes) and thirty minutes (in the case of Resources that can respond in thirty minutes) after the scheduled posting time of each RTC run, will provide advisory commitment information for the remainder of the two and a half hour optimization period, and will produce binding schedules for External Transactions to begin at the start of each hour. RTC will co-optimize to solve simultaneously for all Load, Operating Reserves and Regulation Service requirements and to minimize the total as-bid production costs over its optimization timeframe. RTC will consider SCUC’s Resource commitment for the day, load and loss forecasts that RTC itself will produce each quarter hour, binding transmission constraints, and all Real-Time Bids and Bid parameters submitted pursuant to Section 4.4.2.B below.

B. Bids and Other Requests

After the Day-Ahead schedule is published and no later than seventy-five (75) minutes before each hour, or no later than eighty-five minutes before each hour for bids to schedule External Transactions at the Proxy Generator Bus associated with the Cross Sound Scheduled Line. Customers may submit Real-Time Bids into RTC for real-time evaluation.

1. Real-Time Bids to Supply Energy and Ancillary Services

Eligible Customers may submit new or revised Bids to supply Energy, Operating Reserves and/or Regulation Service. Customers that submit such Bids may specify different Bid

Issued by: William J. Museler, President
Issued on: November 26, 2003

Effective: