

Scheduling & Pricing Working Group
September 12, 2000 - Albany, NY

Status on M.P. Data Requests

Jonathan Mayo
Manager - Customer Technical Services

- 1) NYCA Internal Transmission Interface Limits and Flows
- 2) External Transmission Interface Limits and Flows
- 3) Phase Angle Regulator (PAR) Schedules and Flows
- 4) Bulk Power System Transmission Line Scheduled and Actual Outages
- 5) Total Bid Production Cost Guarantee Payments
- 6) Total Operating Reserve Lost Opportunity Cost Payments
- 7) Bulk Power System Voltage Limits and Actual Voltages
- 8) Zonal Forecast/Actual Loads
- 9) Zonal Bid Loads
- 10) Zonal Supplier Capacity

Market Prices
 Advisory Prices
 Bidding & Scheduling
 Operational Information
 MIS Instructions

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OASIS
 Open Access Same-time Information System

NYISO/OASIS Notices

Market Prices
 Day Ahead Market LEMP
 Zone Generator
 Real Time Market LEMP
 Zone Generator
 Hourly Services Price
 Day Ahead Market Hour Ahead Market

NYISO Reference Day LEMP
 Price Correction Logs
 Real Time LEMP prices on eData Services

Balancing Market Advisory Information
 Hour Ahead LEMP
 Zone Generator
 Time Weighted / Integrated Real Time LEMP
 Zone Generator
 Daily Energy Report
 Balancing Market Advisory Summary (available soon)

LEMP Zone Maps

Daily Energy Report - Day Ahead Market (DAMD)
 Date: 09/12/2000

	MWh	Percent
NYISO Load Forecast	43329	
Customer Load Forecast	43375	-2.7%
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	Offered MWh	Scheduled MWh
Load Reduction	245847	245847
Dispatched Load	205784	205784
Price-Capped Load Reduction	25874	22778
		88.7%
Total Load	473403	474782
<hr/>		
Generation Offer	734530	418613
		56.9%
<hr/>		
Imports	40761	18474
Exports	23247	16667
		55.2%
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Net Imports/Exports	73492	41807
		56.3%
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Wind Dispatch	18822	18822
		100.0%

NYISO NEW YORK INDEPENDENT SYSTEM OPERATOR

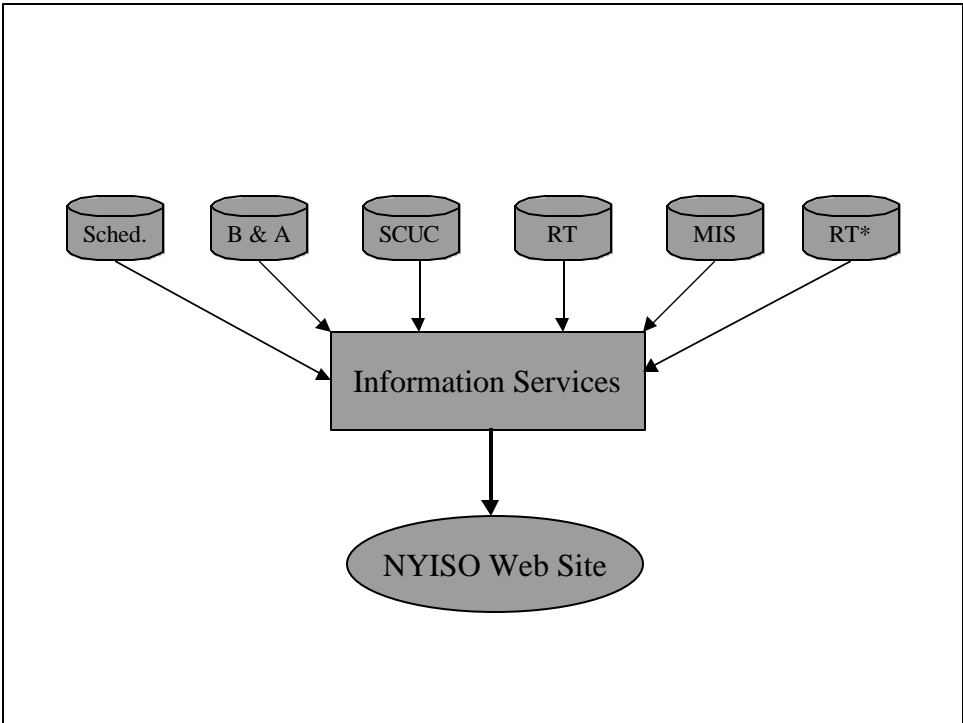
RT TOPICS SERVICES OASIS THE MARKETS

OASIS
Open Access Same-time Information System

Operational Information

- ATC/ITC
- Load Forecast
- Transmission Service Charges
 - T.O. TSC and NTAC Rates (in \$)
 - External Transmission TSC - Summary & Details
- Transfer Legislation (in \$)
- Dispatcher Notices
- Outage Schedule (in \$)
- Operational Announcements
- NYS's Interim Plan
- Transmission Corridor Information
- NYISO Bid Data - 6 Month Release
- CAPE & Load Maintenance Survey
- Record of Major Emergency Events (posted 7/27/00)

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- 1) NYCA Internal Transmission Interface Limits and Flows
- 2) External Transmission Interface Limits and Flows
- 3) Phase Angle Regulator (PAR) Schedules and Flows
- 7) Bulk Power System Voltage Limits and Actual Voltages

- SCUC to IS path not established for Xfers and PAR data
- Real Time mainframe to IS path not established for Xfers and voltages data
- BME external Xfers to is path is established.

To establish these paths is NOT on any project list.

- Possible Market Service staff manually provide listings of RT values
- External Xfers real-time values posted for January-June 2000

4) Bulk Power System Transmission Line Scheduled and Actual Outages

On website:

- Outage schedule for bulk transmission lines posted for next 30 days
- NYISO Transfer Limitations

Scheduling path to IS not established
RT Mainframe path to IS not established

5) Total Bid Production Cost Guarantee Payments

- Part of Rate Schedule 1 posting
- Due October 1, 2000
- Posted after daily billing - (two days after SCUC)
- Format & Timing determine at the BAWG
- Real-time, Day Ahead, import and contract balancing included

6) Total Operating Reserve Lost Opportunity Cost Payments

- BAWG requested total Reserve & Regulation cost rate to be provided by October 31, 2000

- 8) Zonal Forecast/Actual Loads
- 9) Zonal Bid Loads

Total NYISO DAM & HAM Loads available through Daily Energy Report and Balancing Market Advisory Summary. Zonal available but not on project list.

Path for Total Real Time load to IS (one variable) is being tested for feasibility.

RT Zonal to follow if Total works. LIPA issue needs to be resolved.

Daily Energy Report - Day Ahead Market (DAM)
Date: 09/12/2000

	MWh	Percent
NYISO Load Forecast	433291	
Customer Load Forecast	433256	-0.7%

	Offered MWh	Scheduled MWh	Percent
Load Bid	246847	246847	
Bidder Bid	205784	205784	
Price Clipped Load Bid	25874	22778	88.3%
Total Load	478405	474709	99.2%
Generation Bid	704530	418915	59.5%
Imports	40764	18474	45.3%
Exports	22347	16667	74.6%
Net Imports/Exports	70497	41807	59.3%
Wind Dispatch	10832	10832	100.0%

Balancing Market Advisory Summary

<u>CSV Files</u>	<u>HTM Files</u>	<u>Last Updated</u>
<u>09-11-2000</u>	<u>09-11-2000</u>	09/11/00 13:20
<u>09-10-2000</u>	<u>09-10-2000</u>	09/11/00 02:19
<u>09-09-2000</u>	<u>09-09-2000</u>	09/10/00 02:19
<u>09-08-2000</u>	<u>09-08-2000</u>	09/09/00 02:19
<u>09-07-2000</u>	<u>09-07-2000</u>	09/08/00 17:20
<u>09-06-2000</u>	<u>09-06-2000</u>	09/08/00 17:20
<u>09-05-2000</u>	<u>09-05-2000</u>	09/08/00 17:20

Archived Files (zip format)

<u>CSV Files</u>	<u>HTM Files</u>	<u>Last Updated</u>
<u>09-2000</u>	<u>09-2000</u>	09/11/00 13:20

Balancing Market Advisory Summary
Date: 09/11/2000

	<u>Offered MWh</u>	<u>Scheduled MWh</u>	<u>Percent</u>
<u>Bilateral Bids</u>	4201	4201	
<u>Generation Bids</u>	606360	260294	42.9%
<u>Imports</u>	28178	27103	28.2%
<u>Exports</u>	12449	12449	100.0%
<u>Net Imports/Exports</u>	45729	44654	97.6%
<u>Wheel Throughs</u>	14732	14732	100.0%

Bilateral Bids:

These transactions are scheduled directly between a generator and a load, that is, bilateral - between two parties. All bilateral bids offered within NY are also automatically scheduled by NYISO.

Imports:

This is energy brought into New York from neighboring control areas, which include PJM Interconnection, ISO New England, Hydro Quebec and IMO (Ontario). The amount scheduled is determined by price, thus not all that is bid gets scheduled.

Exports : Energy flowing out of New York to the neighboring control areas. Again price determines how much energy is actually scheduled for export.

Net Imports/(Exports) : This is the sum of energy imports less exports. Wheel throughs have no impact on this calculation as their flow in and out nets to zero.

Wheel Throughs : The amount of energy purchased in one control area and delivered to another control area, that is, just wheeling through New York.

Generation Bids: All generating units in New York must submit bids in order to be considered by NYISO. Units are scheduled based on economics and the need to maintain reliable system operation.

10) Zonal Supplier Capacity

NYISO agrees that this is an issue to be addressed.

Scheduler, Operators, ICAP, and Market Monitoring departments need to coordinate information and establish procedures for posting data.

Actions have just recently started in this area and no time-line as been formulated.