Broader Regional Market Metrics

New York Independent System Operator

April 2015

Prepared by NYISO Operations Regional Market Coordination

Highlights

Regional NYISO/PJM RT Scheduling Monthly Value: $253,155.69
Regional NYISO/PJM RT Scheduling Year-to-Date Value: $2,515,594.50

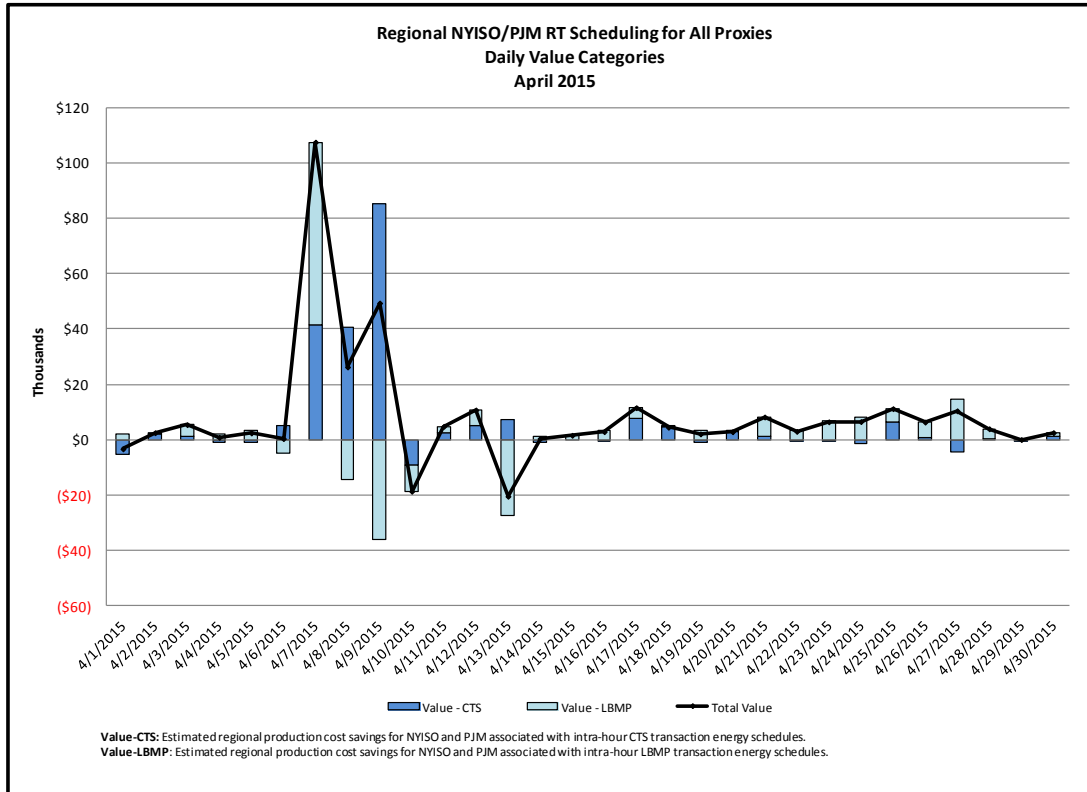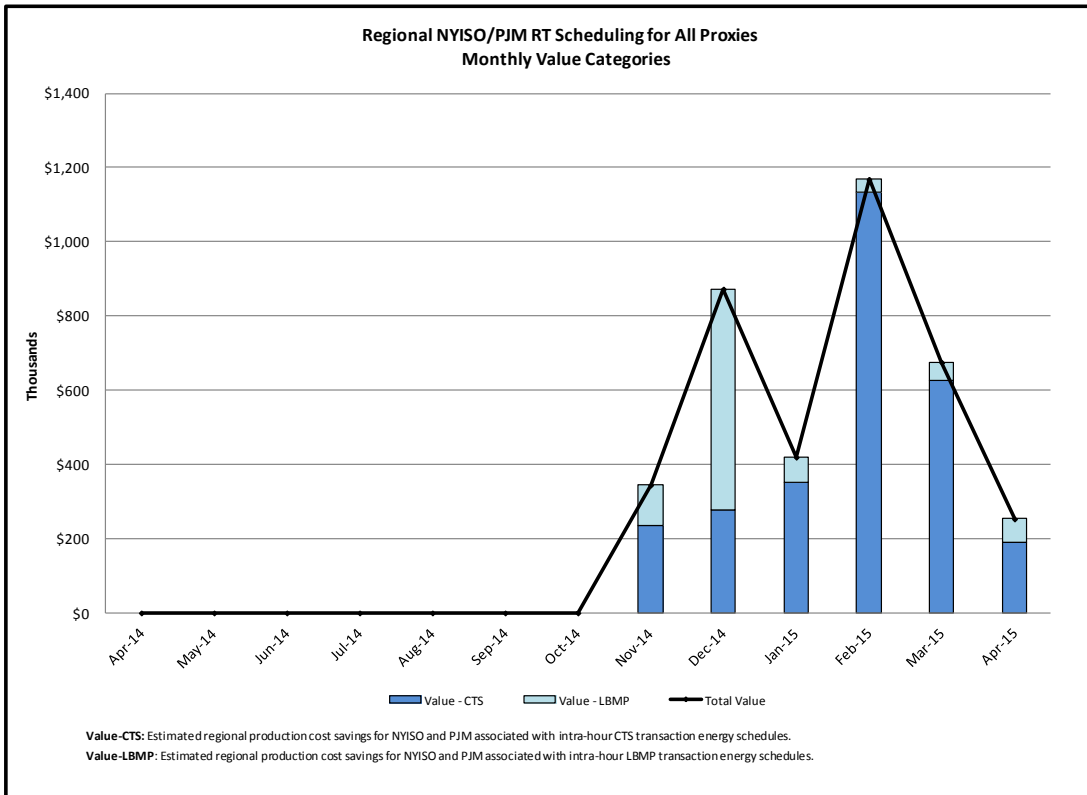# 15-Minute Bidding and Scheduling Data[1]

Interface	CTS				LBMP			
	Avg Offered (MW)	Avg Scheduled (MW)	Max Offered (MW)	Max Scheduled (MW)	Avg Offered (MW)	Avg Scheduled (MW)	Max Offered (MW)	Max Scheduled (MW)
Keystone	478	20	930	700	1403	512	2409	1416
All Scheduled Lines	20	6	290	290	772	491	1261	975

Pricing Data[2]

Interface	Max Forecasted Price Spread	Min Forecasted Price Spread	Forecasted Price Spreads minus Real-time Price Spreads							
			< $-20	$-20 to $-10	$-10 to $-5	$-5 to $0	$0 to $5	$5 to $10	$10 to $20	> $20
Keystone	$179.85	($252.08)	8.6%	7.1%	11.7%	31.1%	24.0%	8.2%	4.2%	5.1%
HTP	$190.23	($759.73)	9.7%	7.1%	11.5%	28.3%	23.1%	9.3%	5.7%	5.4%
NEPTUNE	$979.20	($247.89)	10.5%	7.3%	11.0%	27.6%	22.2%	9.6%	6.0%	5.8%
VFT	$189.32	($251.65)	9.6%	7.4%	11.5%	28.4%	23.3%	9.4%	5.4%	5.0%

1. All MW Values include the absolute sum of both imports + exports. Wheels have been excluded.
2. "Forecasted Prices" refer to NYISO's RTC LBMP and PJM's ITSCED LMP. "Real-time Prices" refer to NYISO's RTD LBMP and PJM's RTSCED LMP. Forecasted Prices are used during NYISO's RTC evaluation to schedule transactions. Real-time Prices are used to settle transactions. Price Spreads are always calculated as NYISO's LBMP minus PJM's LMP.

Regional NYISO/PJM RT Scheduling for All Proxies
Monthly Value Categories

Value-CTS: Estimated regional production cost savings for NYISO and PJM associated with intra-hour CTS transaction energy schedules.
Value-LBMP: Estimated regional production cost savings for NYISO and PJM associated with intra-hour LBMP transaction energy schedules.

Regional NYISO/PJM RT Scheduling for All Proxies
Daily Value Categories
April 2015

Value-CTS: Estimated regional production cost savings for NYISO and PJM associated with intra-hour CTS transaction energy schedules.
Value-LBMP: Estimated regional production cost savings for NYISO and PJM associated with intra-hour LBMP transaction energy schedules.

Regional NYISO/PJM RT Scheduling for All Proxies

Category	_Description_
Value-CTS	Estimated regional production cost savings from the intra-hour (non-TOH) energy schedule changes on CTS bids (Intra-hour CTS Schedule Changes * [NY RTC LBMP - PJM IT SCED LMP]).
Value-LBMP	Estimated regional production cost savings from the intra-hour (non-TOH) energy schedule changes on LBMP bids (Intra-hour LBMP Schedule Changes * [NY RTC LBMP - PJM IT SCED LMP]).

Avg Hourly CTS/LBMP Scheduled vs Non-scheduled - PJM Keystone (Monthly)

Avg Hourly CTS/LBMP Scheduled vs Non-scheduled - PJM Keystone (Daily)

Avg Hourly CTS/LBMP Scheduled vs Non-scheduled - PJM Scheduled Lines (Monthly)

Legend: CTS - Scheduled, CTS - Not Scheduled, LBMP - Scheduled, LBMP - Not Scheduled

Avg Hourly CTS/LBMP Scheduled vs Non-scheduled - PJM Scheduled Lines (Daily)

Legend: CTS - Scheduled, CTS - Not Scheduled, LBMP - Scheduled, LBMP - Not Scheduled

Price Spread Distribution (NYISO RTC LBMP minus PJM IT SCED LMP)

Net Interchange In Economic Direction

*Note: The % of Real-time intervals where Net Interchange is flowing from the lower priced region to the higher priced region