

# Broader Regional Market Metrics

New York Independent  
System Operator

October 2015

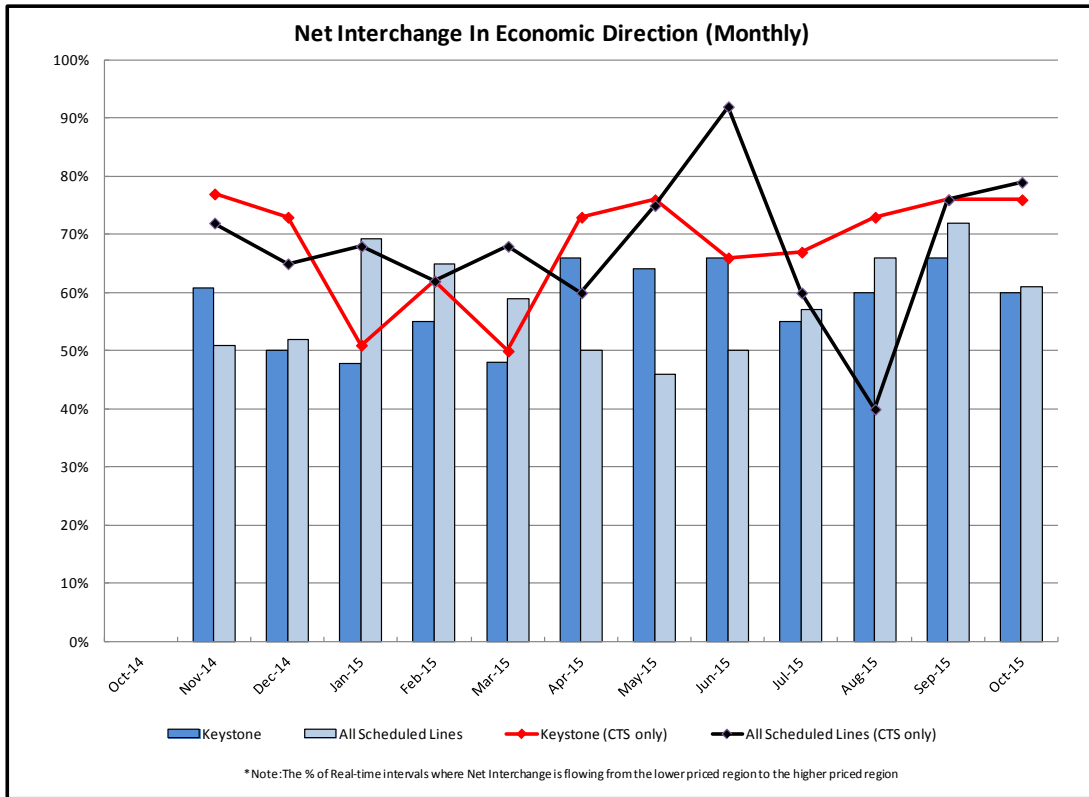
## October 2015 Broader Regional Markets Highlights

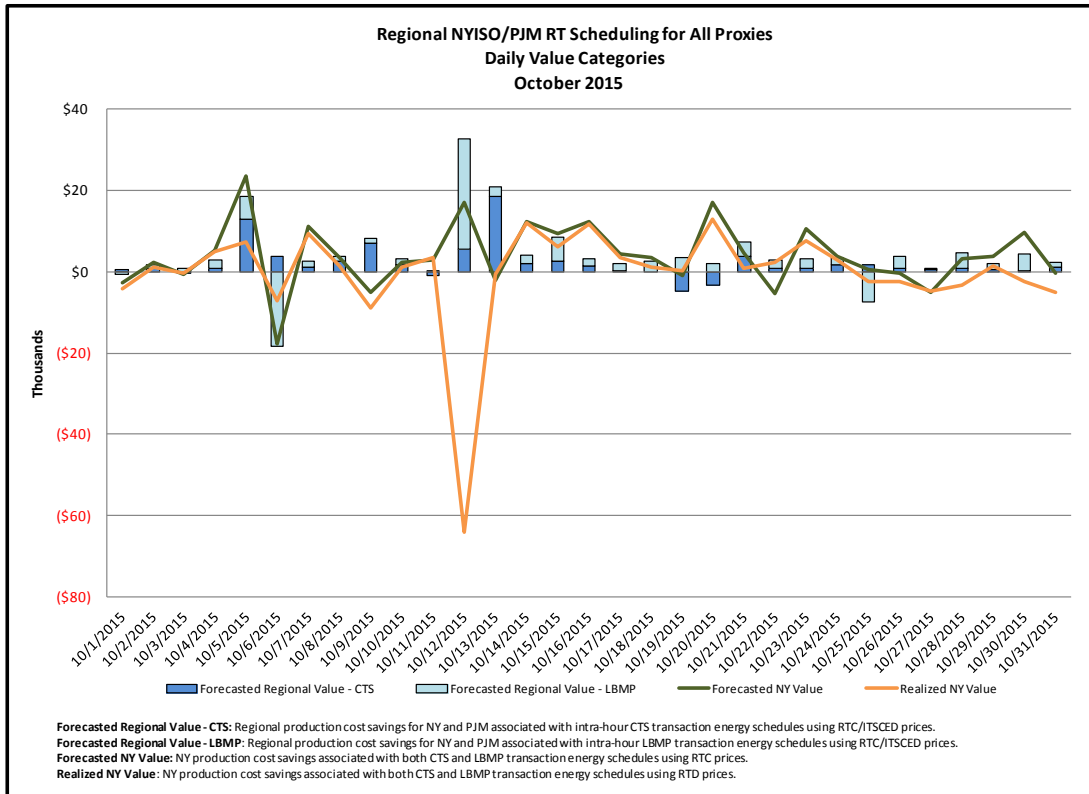
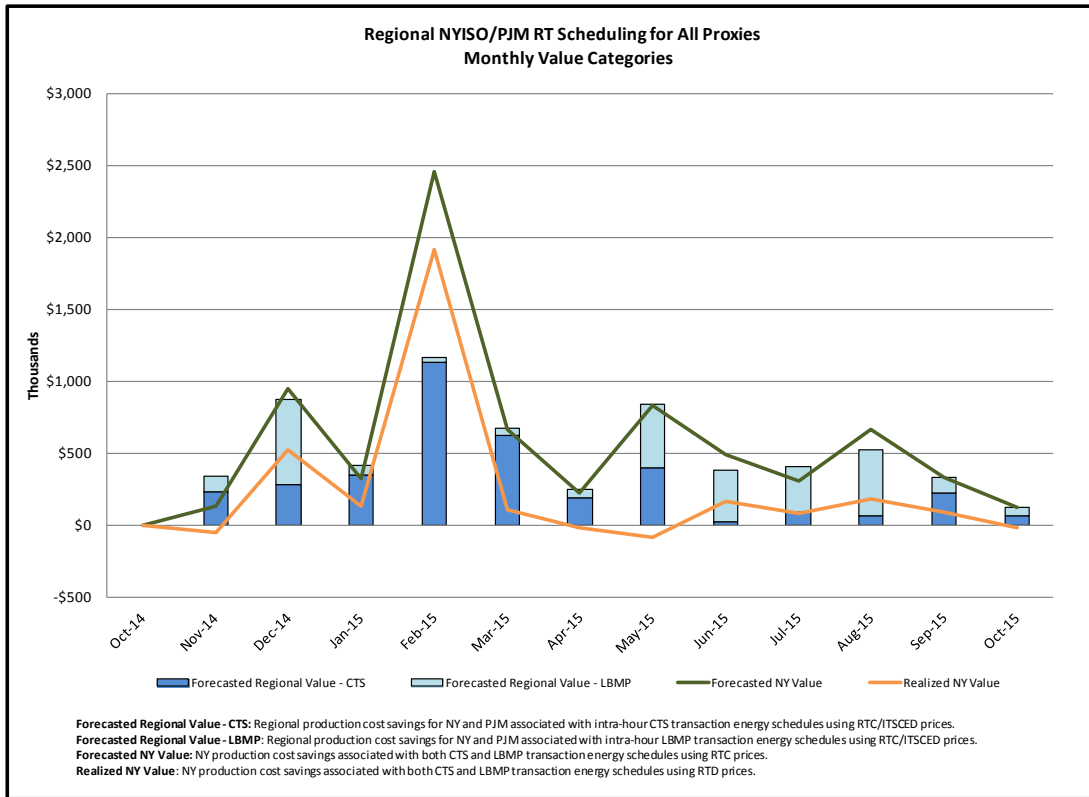
- At PJM Keystone, there was an average of 296MWs<sup>1</sup> per hour of CTS offers, and an average of 28MWs per hour of CTS schedules. These values are similar to last month.
- At the three PJM scheduled lines, there was an average of 57MWs per hour of CTS offers, and an average of 17MWs per hour of CTS schedules. These values are similar to last month.
- Scheduled interchange at PJM Keystone associated with CTS transactions flowed in the economic direction in 76% of the real-time intervals, as compared to total interchange which flowed in the economic direction in 60% of the real-time intervals.
- At the three PJM scheduled lines, scheduled interchange associated with CTS transactions flowed in the economic direction in 79% of the real-time intervals, as compared to total interchange which flowed in the economic direction in 61% of the real-time intervals.
- There was a \$0.02M production cost increase associated with real-time transaction scheduling with PJM (\$0.12M forecasted savings at time schedules are set). Year-to-date, the NY production cost savings is \$2.6M (\$6.4M forecasted).

## Pricing Data<sup>2</sup>





Interface	Max Forecasted Price Spread	Min Forecasted Price Spread	Forecasted Price Spreads minus Real-time Price Spreads					
			< \$-20	\$-20 to \$-10	\$-10 to \$0	\$0 to \$10	\$10 to \$20	> \$20
Keystone	\$349.41	(\$958.87)	3.7%	5.9%	44.8%	38.4%	3.3%	3.9%
HTP	\$140.69	(\$970.93)	3.6%	7.0%	42.6%	39.4%	4.4%	3.1%
NEPTUNE	\$980.86	(\$964.40)	5.5%	7.2%	40.4%	38.8%	4.3%	3.8%
VFT	\$174.51	(\$958.71)	3.7%	7.3%	42.6%	39.5%	4.1%	2.8%

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 ITSSED 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

<u>Category</u>	<u>Description</u>
 Forecasted Regional Value - CTS	Forecasted 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]).
 Forecasted Regional Value - LBMP	Forecasted 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]).
 Forecasted NY Value	Forecasted NY production cost savings from the intra-hour (non-TOH) energy schedule changes on CTS and LBMP bids (Total Intra-hour CTS & LBMP Schedule Changes * NY RTC LBMP).
 Realized NY Value	Realized NY production cost savings from the intra-hour (non-TOH) energy schedule changes on CTS and LBMP bids (Total Intra-hour CTS & LBMP Schedule Changes * NY RTD LBMP).

