

NYISO President's Report

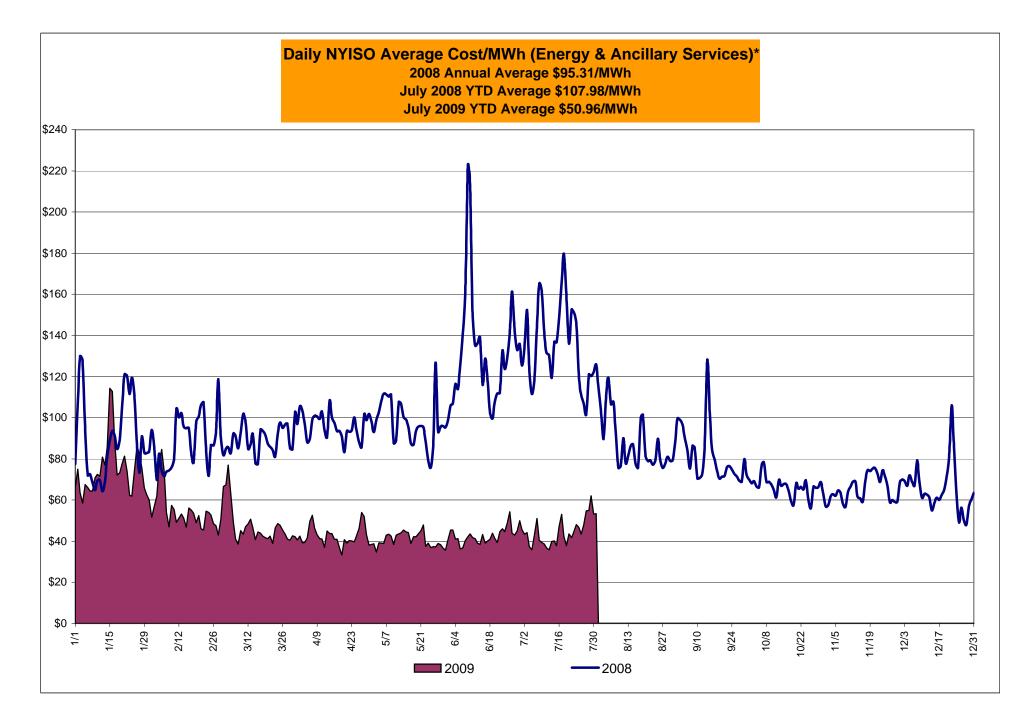
Management Committee Meeting August 26, 2009

Report Items

- Market Performance Highlights For Information Only
- 2009 Budget Update (projects)
- Broader Regional Markets
- DOE Stimulus Projects Update
 - PMUs/Capacitors
 - Eastern Interconnection Planning Collaborative (EIPC)
 - Fiber Backbone
- > Uplift

Market Performance Highlights for July 2009

- LBMP for July is \$40.68/MWh, up from \$39.00/MWh in June 2009.
 - Average monthly cost is \$45.35/MWh, up from \$43.03/MWh in June 2009.
 - Day Ahead LBMPs have increased while Real Time LBMPs have decreased from June 2009.
- Average daily sendout is 469GWh/day in July, up from 427GWh/day in June 2009 and lower than the July 2008 sendout of 541GWh/day.
- Fuel prices are down slightly this month compared to last month.
 - Kerosene is \$13.18/MMBtu, down from \$13.71/MMBtu in June.
 - No. 2 Fuel Oil is \$11.57MMBtu, down from \$12.41/MMBtu in June.
 - No. 6 Fuel Oil is \$9.59/MMBtu, down from \$9.80/MMBtu in June
 - Natural Gas is \$3.70MMBtu, down from \$4.11/MMBtu in June.
- Uplift per MWh is up from the previous month.
 - Uplift (not including NYISO cost of operations) is \$2.52/MWh, up from \$1.66/MWh in June.
 - Total uplift (Schedule 1 components including NYISO Cost of Operations) increased from \$29.7 million in June to \$46.2 million in July 2009. The bulk of the increase is from TSA allocations. This is charged to loads within the New York City Zone.



* Excludes ICAP payments.

Market Monitoring Prepared: 8/11/2009 13:30

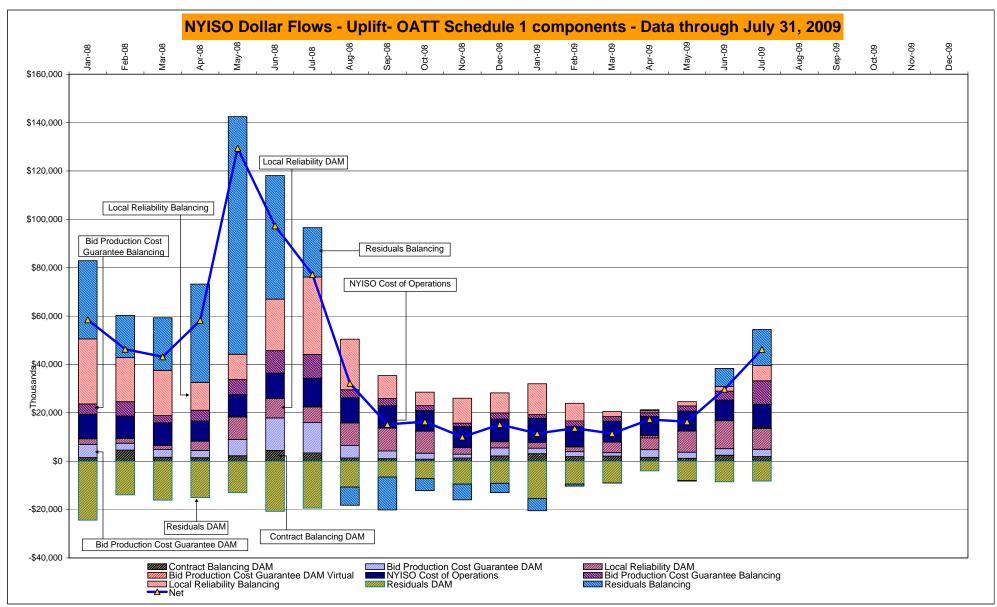
<u>NYISO Average Cost/MWh (Energy and Ancillary Services)</u>* <u>from the LBMP Customer point of view</u>

2009	<u>January</u>	February	March	April	May	June	July	August	<u>September</u>	October	November	<u>December</u>
LBMP	73.28	52.73	45.63	39.64	37.82	39.00	40.68					
NTAC	0.45	0.53	0.36	0.87	0.58	0.77	0.64					
Reserve	0.26	0.35	0.31	0.24	0.30	0.23	0.24					
Regulation	0.45	0.48	0.55	0.37	0.31	0.37	0.29					
NYISO Cost of Operations	0.65	0.65	0.65	0.65	0.65	0.65	0.65					
Uplift	0.11	0.41	0.21	0.68	0.64	1.66	2.52					
Voltage Support and Black Start	0.34	0.34	0.34	0.34	0.34	0.34	0.34					
Avg Monthly Cost	75.54	55.49	48.06	42.80	40.65	43.03	45.35					
Avg YTD Cost	75.54	66.82	60.96	56.83	53.89	52.07	50.96					

2008	January	February	March	April	May	June	July	August	<u>September</u>	October	November	December
LBMP	87.00	85.62	85.28	91.20	87.20	128.17	131.34	85.61	80.16	63.61	62.54	63.73
NTAC	0.34	0.43	0.41	0.62	0.48	0.78	1.04	0.66	0.69	0.58	1.28	0.63
Reserve	0.38	0.48	0.55	0.46	0.34	0.27	0.28	0.25	0.27	0.35	0.27	0.26
Regulation	0.54	0.57	0.61	0.53	0.50	0.52	0.44	0.49	0.54	0.53	0.49	0.44
NYISO Cost of Operations	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
Uplift	3.10	2.48	2.01	2.58	8.53	5.52	3.54	1.39	0.43	0.59	0.11	0.41
Voltage Support and Black Start	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Avg Monthly Cost	92.37	90.58	89.87	96.40	98.07	136.26	137.65	89.41	83.08	66.67	65.69	66.48
Avg YTD Cost	92.37	91.52	90.98	92.26	93.37	101.31	107.98	105.57	103.30	100.31	97.63	95.31

* Excludes ICAP payments.

These numbers reflect the true-ups of 2008.



DAM Contract Balancing amounts are for payments made to generating units to make them whole for being dispatched below their Day-Ahead schedule, as a result of out-of-merit dispatches. DAM Bid Production Cost Guarantees for Virtual Transactions are included in the chart and are shown from the inception of Virtual Transactions. These values are small and cannot be identified on the chart. DAM residuals consist of both energy and loss revenue collections and payments. By design, there is a net over collection of revenues due to the difference between the marginal losses paid to generation and the average losses charged to loads.

NYISO Markets Transactions

				<u>N</u>	ISO Mark	cets Trans	sactions					
2009	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWh	14,570,391	12,511,009	13,160,913	12,121,505		13,159,069						
DAM LSE Internal LBMP Energy Sales	45%	44%	46%	47%	43%	48%	51%					
DAM External TC LBMP Energy Sales	4%	2%	1%	1%	2%	2%	1%					
DAM Bilateral - Internal Bilaterals	45%	47%	45%	45%	48%	43%	42%					
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	4%	5%	5%	5%	5%	5%	5%					
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	1%	1%					
DAM Bilateral - Wheel Through Bilaterals	0%	0%	0%	0%	1%	1%	1%					
Balancing Energy Market MWh	699,631	283,724	71,936	151,759	271,842	-115,536	131,233					
Balancing Energy LSE Internal LBMP Energy Sales	56%	39%	-106%	-32%	28%	-247%	-100%					
Balancing Energy External TC LBMP Energy Sales	38%	46%	147%	119%	74%	141%	141%					
Balancing Energy Bilateral - Internal Bilaterals	8%	19%	67%	20%	10%	23%	53%					
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	2%	0%					
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	1%	5%	16%	8%	4%	8%	12%					
Balancing Energy Bilateral - Wheel Through Bilaterals	-2%	-10%	-24%	-15%	-15%	-27%	-6%					
Transactions Summary												
LBMP	51%	47%	48%	48%	46%	49%	51%					
Internal Bilaterals	43%	46%	45%	44%	47%	44%	42%					
Import Bilaterals	4%	5%	5%	5%	5%	5%	5%					
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%					
Wheels Through	0%	0%	0%	0%	0%	0%	1%					
Market Share of Total Load												
Day Ahead Market	95.4%	97.8%	99.5%	98.8%	97.8%	100.9%	99.1%					
Balancing Energy +	4.6%	2.2%	0.5%	1.2%	2.2%	-0.9%	0.9%					
Total MWH	15,270,021	12,794,733	13,232,849	12,273,264	12,596,059	13,043,533	14,681,017					
Average Daily Energy Sendout/Month GWh	470	447	422	400	396	427	469					<u> </u>
<u>2008</u>	<u>January</u>	February	March	<u>April</u>	May	June	July	<u>August</u>	September	October	November	December
Day Ahead Market MWh	14,984,732	13,722,512	13,744,999	12,645,499	13,325,474	15,365,697	17,761,482	15,971,685	13,927,588	13,081,095	13,117,299	13,947,259
DAM LSE Internal LBMP Energy Sales	42%	42%	45%	48%	42%	45%	47%	45%	45%	44%	41%	44%
DAM External TC LBMP Energy Sales	9%	7%	5%	4%	6%	5%	8%	7%	4%	3%	5%	2%
DAM Bilateral - Internal Bilaterals	43%	43%	43%	40%	45%	43%	39%	42%	44%	46%	46%	47%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	5%	4%	4%	4%	4%	5%	4%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	1%	2%	2%	2%	1%	1%	1%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
Balancing Energy Market MWh	912,477	829,794	1,020,858	767,755	908,796	1,107,024	834,886	389,313	635,380	397,842	605,209	613,724
Balancing Energy LSE Internal LBMP Energy Sales	23%	50%	19%	-3%	3%	35%	47%	45%	64%	29%	43%	50%
Balancing Energy External TC LBMP Energy Sales	68%	48%	78%	97%	98%	56%	53%	47%	36%	84%	64%	55%
Balancing Energy Bilateral - Internal Bilaterals	6%	1%	3%	4%	-2%	5%	3%	6%	4%	7%	0%	1%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%
Balancing Energy Bilateral - Wheel Through Bilaterals	2%	1%	1%	2%	2%	5%	-2%	3%	-4%	-20%	-7%	-6%
Transactions Summary												
LBMP	53%	52%	53%	55%	52%	53%	57%	53%	51%	49%	49%	49%
Internal Bilaterals	41%	41%	40%	38%	42%	40%	37%	41%	42%	45%	44%	45%
Import Bilaterals	5%	5%	4%	5%	4%	4%	4%	4%	5%	4%	5%	5%
Export Bilaterals	1%	1%	1%	2%	2%	2%	1%	1%	1%	2%	2%	2%
Wheels Through	0%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%
Market Share of Total Load												
Day Ahead Market	94.3%	94.3%	93.1%	94.3%	93.6%	93.3%	95.5%	97.6%	95.6%	97.0%	95.6%	95.8%
Balancing Energy +	5.7%	5.7%	6.9%	5.7%	6.4%	6.7%	4.5%	2.4%	4.4%	3.0%	4.4%	4.2%
	45 007 000	44 550 007	4 4 705 050	40 440 000	44 004 070	40 470 700	40 500 000	40.000.000	44 500 000	40 470 000	40 700 500	44 500 000

+ Balancing Energy: Load(MW) purchased at Real Time LBMP.

Average Daily Energy Sendout/Month GWh

* The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

Notes: Percent totals may not equal 100% due to rounding. Virtual Transactions are not reflected in this chart.

412

13,413,255 14,234,270 16,472,720 18,596,368 16,360,998 14,562,968 13,478,936 13,722,508 14,560,983

488

461

541

Market Monitoring Prepared: 8/11/2009 13:30

Total MWH

424

452

406

403

499

432

15,897,209 14,552,307 14,765,858

455

456

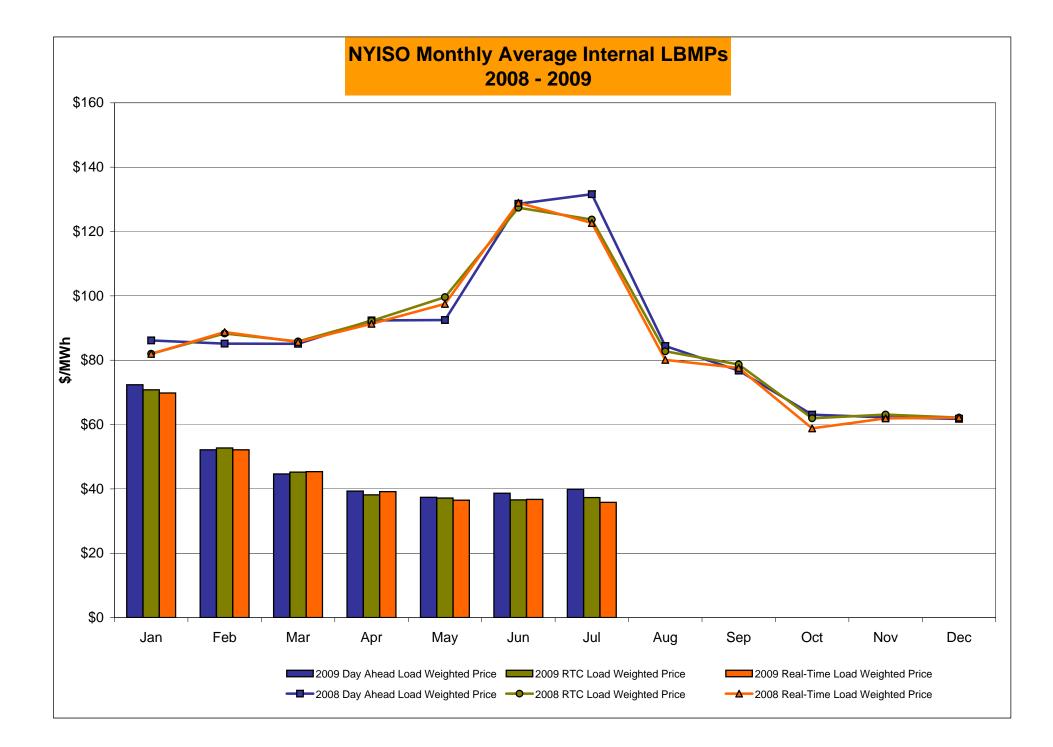
NYISO Markets 2009 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	June	July	August September	October November	December
DAY AHEAD LBMP										
Price *	\$70.53	\$50.89	\$43.34	\$38.19	\$36.13	\$37.01	\$37.93			
Standard Deviation	\$19.46	\$13.06	\$12.24	\$9.26	\$8.91	\$10.07	\$11.53			
Load Weighted Price **	\$72.36	\$52.15	\$44.64	\$39.31	\$37.38	\$38.64	\$39.88			
RTC LBMP										
Price *	\$69.26	\$51.46	\$43.88	\$37.06	\$36.18	\$35.15	\$35.97			
Standard Deviation	\$23.37	\$21.26	\$20.38	\$15.20	\$12.48	\$20.07	\$17.38			
Load Weighted Price **	\$70.80	\$52.72	\$45.21	\$38.14	\$37.16	\$36.57	\$37.29			
REAL TIME LBMP										
Price *	\$68.14	\$50.62	\$43.73	\$37.72	\$35.11	\$34.92	\$34.13			
Standard Deviation	\$23.66	\$20.30	\$22.27	\$20.84	\$19.81	\$29.81	\$23.16			
Load Weighted Price **	\$69.80	\$52.14	\$45.36	\$39.13	\$36.48	\$36.73	\$35.82			
Average Daily Energy Sendout/Month GWh	470	447	422	400	396	427	469			

NYISO Markets 2008 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	<u>September</u>	<u>October</u>	November [December
DAY AHEAD LBMP	.	•	•	•	•	• · · · · · ·	•	•	•	•	•	•
Price *	\$83.07	\$82.66	\$83.11	\$89.77	\$89.35	\$121.83	\$125.89	\$81.02	\$74.07	\$61.37	\$60.60	\$60.02
Standard Deviation	\$28.43	\$22.45	\$17.97	\$19.87	\$23.21	\$41.13	\$38.25	\$21.91	\$17.78	\$13.20	\$13.04	\$16.61
Load Weighted Price **	\$86.14	\$85.14	\$85.09	\$92.37	\$92.48	\$128.61	\$131.60	\$84.41	\$76.77	\$63.06	\$62.23	\$61.76
RTC LBMP												
Price *	\$79.46	\$85.91	\$83.81	\$90.48	\$96.21	\$120.88	\$119.78	\$80.23	\$75.23	\$60.39	\$61.67	\$60.24
Standard Deviation	\$35.00	\$60.79	\$34.42	\$31.97	\$61.32	\$64.44	\$53.84	\$39.90	\$49.92	\$26.42	\$16.96	\$31.25
Load Weighted Price **	\$81.98	\$88.30	\$85.82	\$92.22	\$99.59	\$127.40	\$123.71	\$82.76	\$78.66	\$61.95	\$63.08	\$62.14
<u>REAL TIME LBMP</u>												
Price *	\$79.00	\$85.89	\$83.51	\$89.37	\$93.72	\$120.05	\$118.37	\$77.34	\$72.47	\$57.30	\$60.24	\$59.55
Standard Deviation	\$38.83	\$49.87	\$33.64	\$31.14	\$59.68	\$80.00	\$49.42	\$33.97	\$56.87	\$22.16	\$17.79	\$31.29
Load Weighted Price **	\$81.97	\$88.72	\$85.68	\$91.31	\$97.50	\$128.95	\$122.64	\$80.09	\$77.60	\$58.81	\$61.91	\$62.19
Average Daily Energy Sendout/Month GWh	456	455	432	406	403	499	541	488	461	412	424	452

* Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

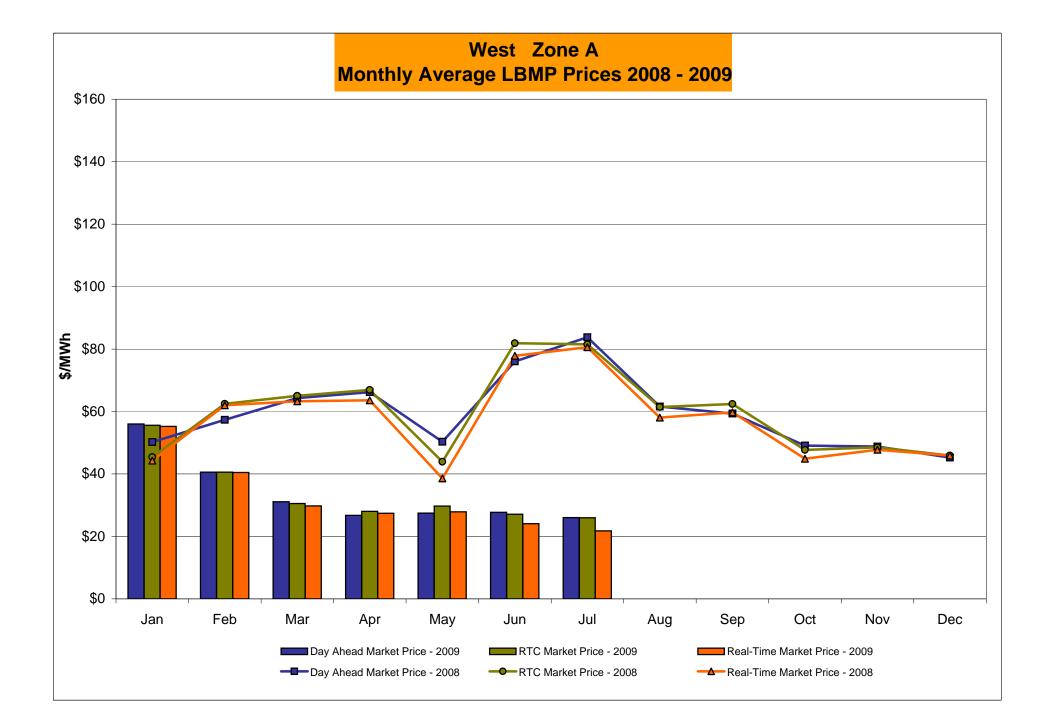


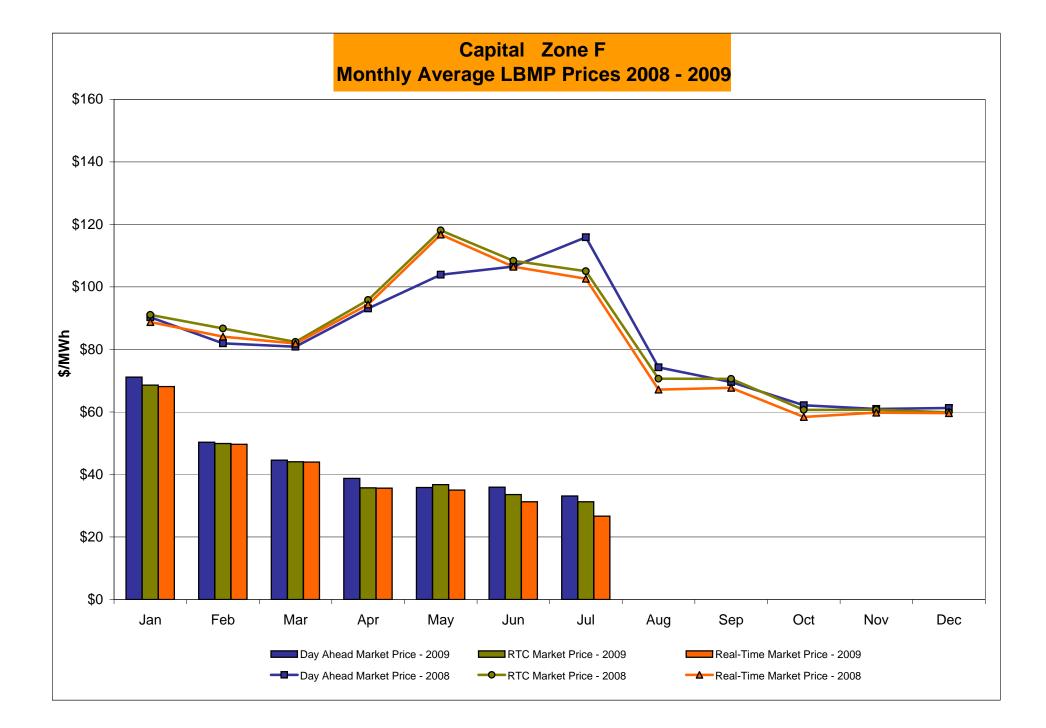
July 2009 Zonal LBMP Statistics for NYISO (\$/MWh)

DAY AHEAD LBMP	WEST <u>Zone A</u>	GENESEE Zone B	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE Zone I	NEW YORK CITY <u>Zone J</u>	LONG ISLAND <u>Zone K</u>
Unweighted Price *	26.02	26.87	25.10	28.41	29.32	33.11	38.06	39.22	39.47	43.94	45.30
Standard Deviation	4.59	4.91	5.53	5.26	5.51	6.98	12.28	14.26	14.48	16.54	17.94
RTC LBMP											
Unweighted Price *	25.95	26.80	26.12	27.99	29.23	31.29	37.54	38.51	38.92	40.44	42.42
Standard Deviation	27.28	28.32	27.24	28.90	27.24	28.19	19.61	22.49	23.58	23.96	26.21
REAL TIME LBMP											
Unweighted Price *	21.77	22.48	21.65	23.50	24.82	26.67	36.07	37.55	38.08	40.21	42.44
Standard Deviation	43.48	44.96	43.78	46.11	43.21	45.14	24.99	28.85	30.14	31.49	37.21

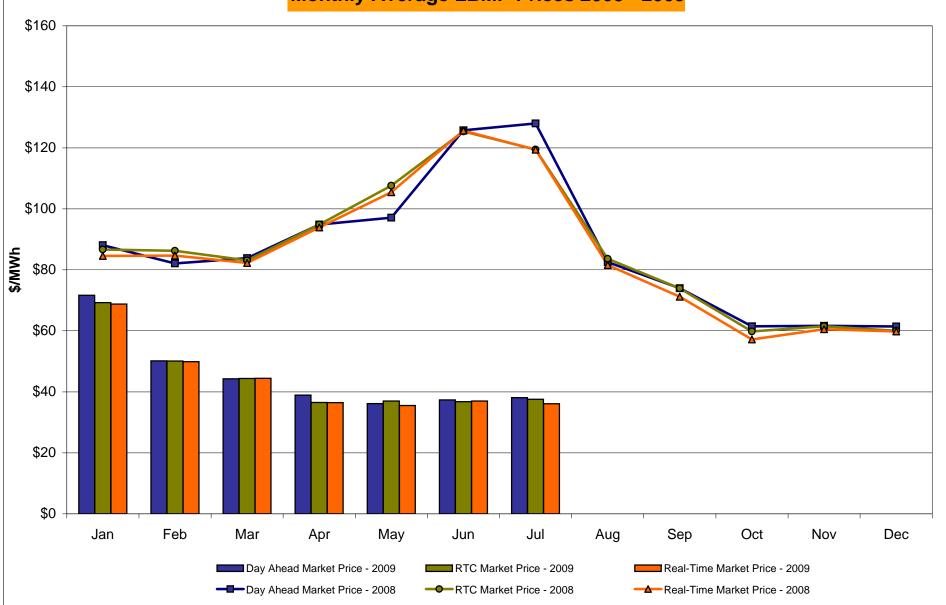
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE Controllable	NORTHPORT- NORWALK Controllable	NEPTUNE Controllable
	Zone O	Zone M	Zone M	Zone P	Zone N	Line	Line	Line
DAY AHEAD LBMP								
Unweighted Price *	25.00	26.17	21.33	35.03	35.21	45.34	35.14	44.44
Standard Deviation	4.22	5.07	6.95	9.86	8.52	17.93	8.57	17.85
RTC LBMP								
Unweighted Price *	25.93	20.52	-0.02	33.63	33.34	40.44	39.65	39.97
Standard Deviation	7.79	61.34	131.18	11.03	7.70	16.31	16.22	16.35
REAL TIME LBMP								
Unweighted Price *	22.15	23.20	19.86	31.36	31.32	42.86	42.21	42.44
Standard Deviation	39.87	38.49	23.31	16.69	26.89	36.05	36.36	36.24

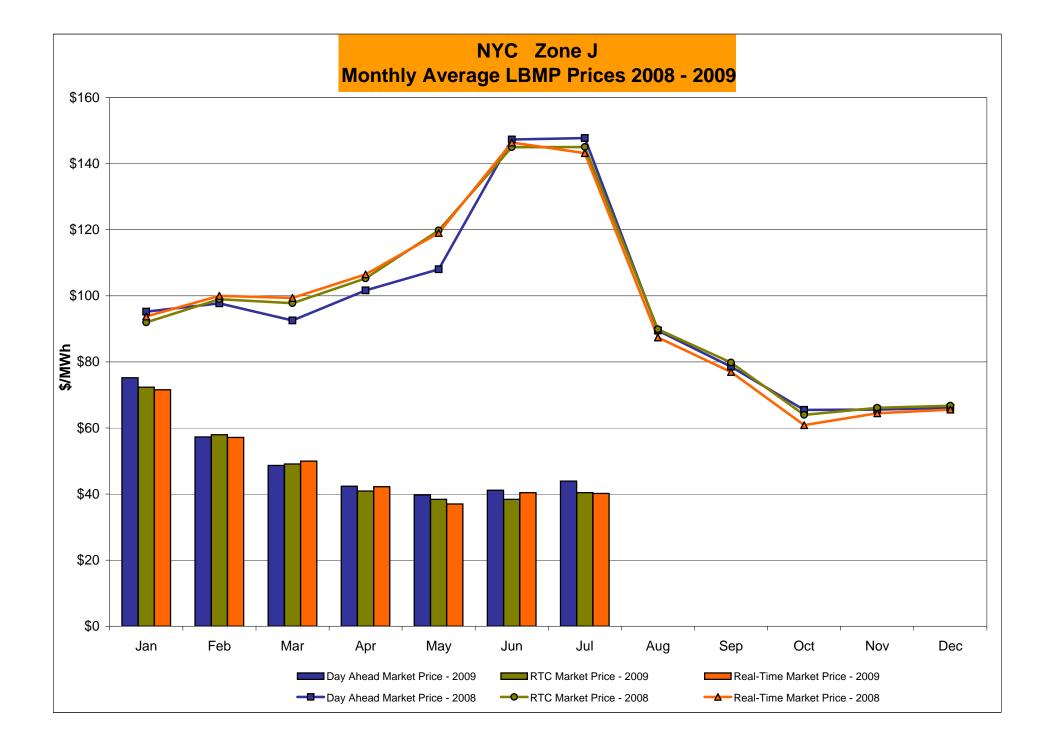
* Straight LBMP averages



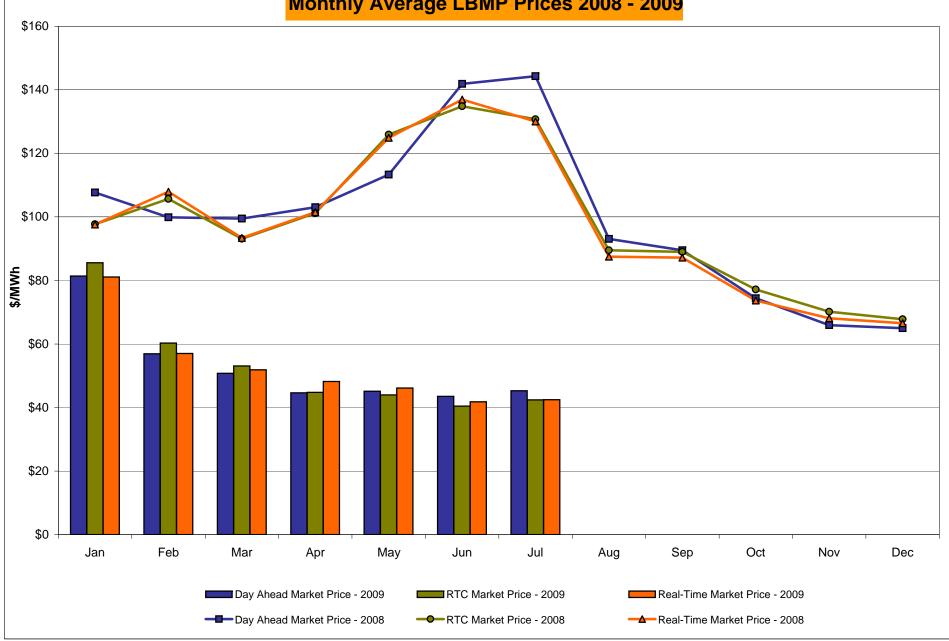


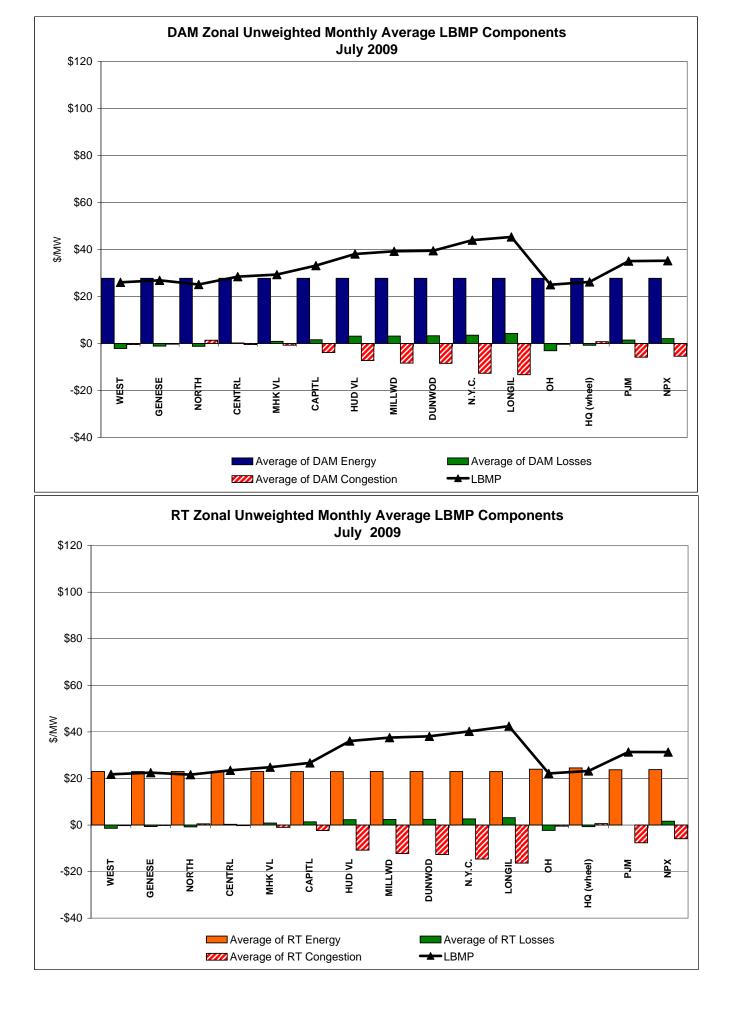
Hudson Valley Zone G Monthly Average LBMP Prices 2008 - 2009



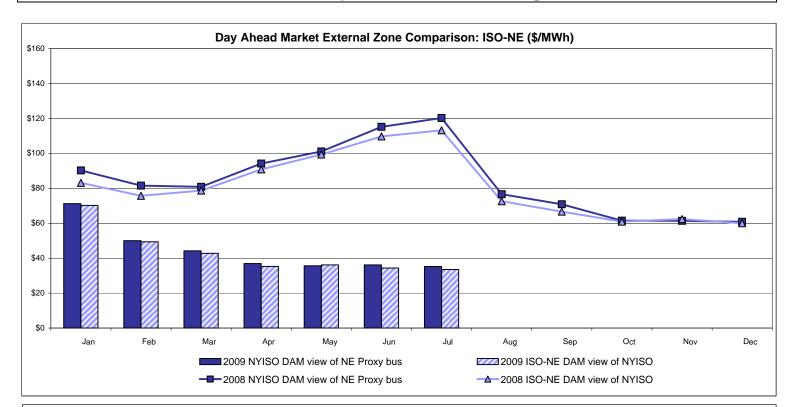


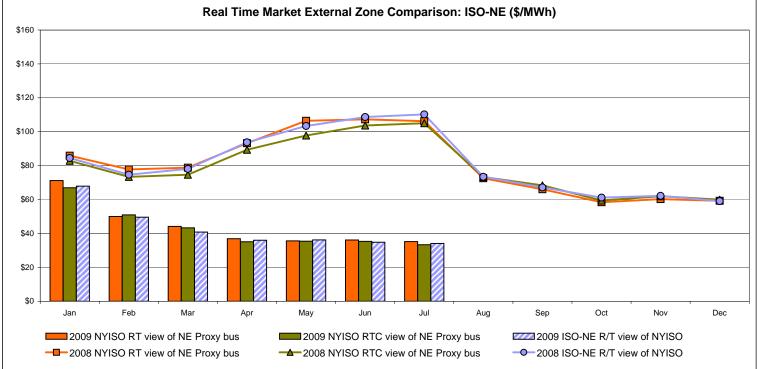
Long Island Zone K Monthly Average LBMP Prices 2008 - 2009



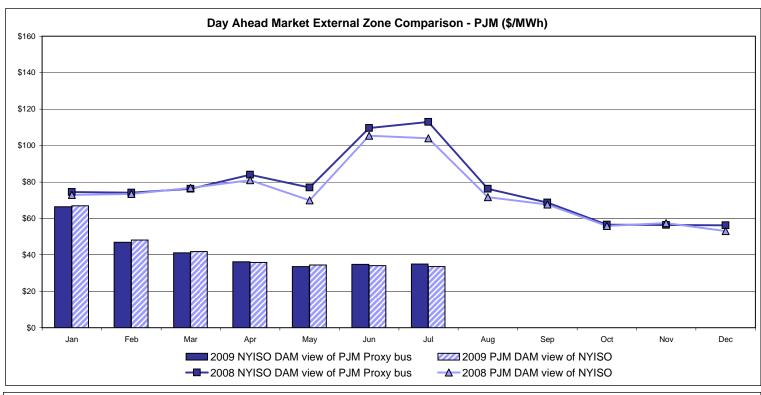


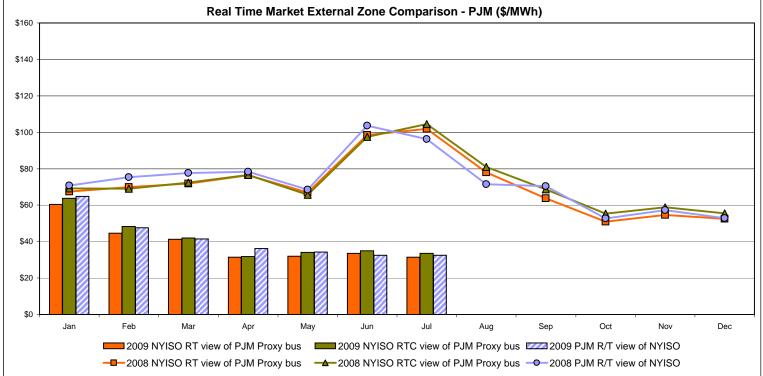
External Comparison ISO-New England



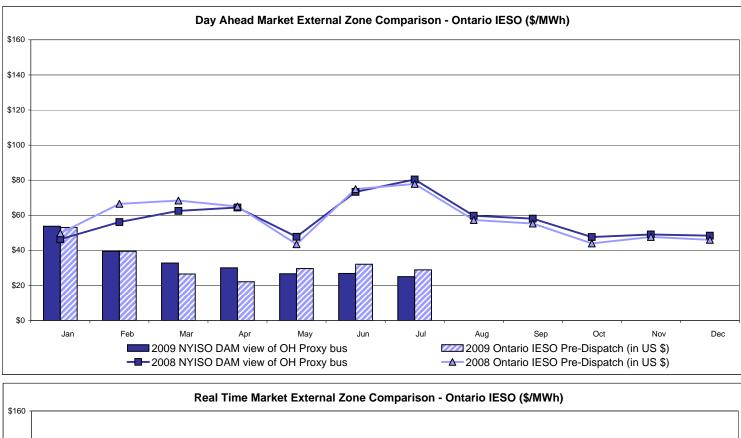


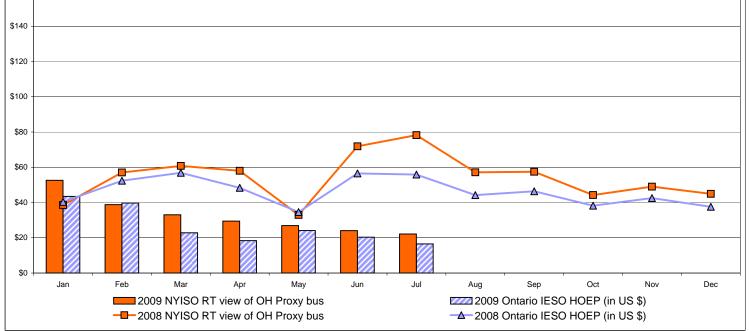
External Comparison PJM



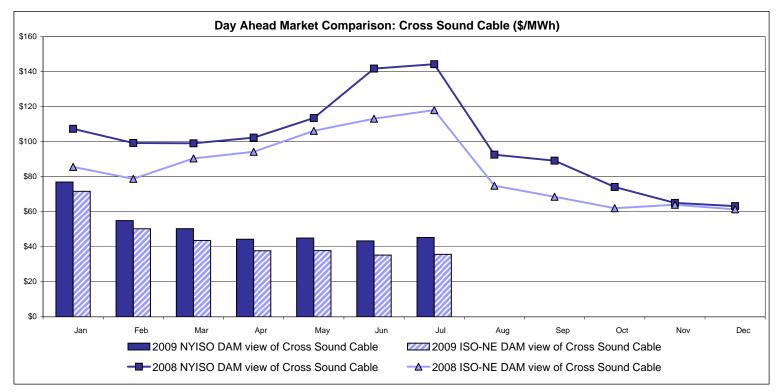


External Comparison Ontario IESO

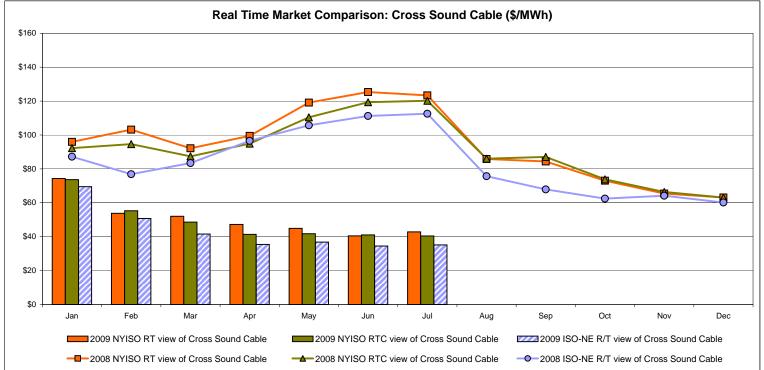




Notes: Exchange factor used for July 2009 was .87 to US \$ HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price



External Controllable Line: Cross Sound Cable (New England)

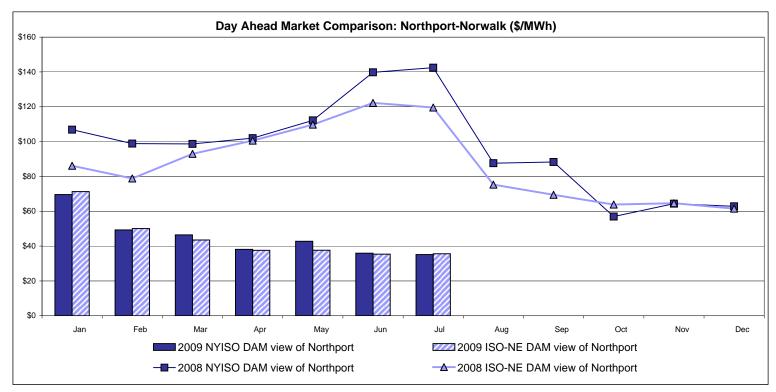


Note:

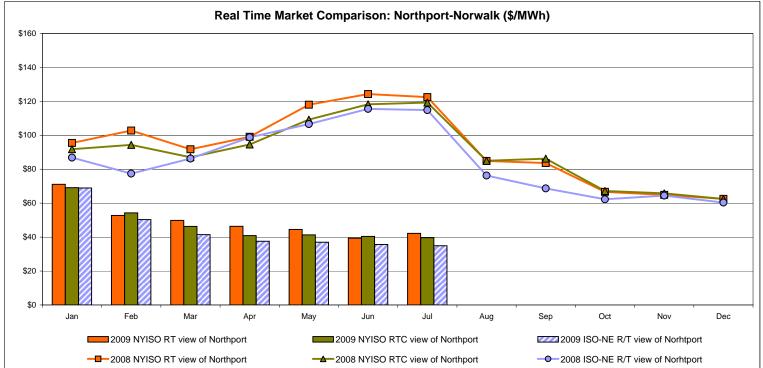
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Shorham138 99 interface are used for ISO-NE.

The DAM and R/T prices at the CSC interface are used for NYISO.



External Controllable Line: Northport - Norwalk (New England)

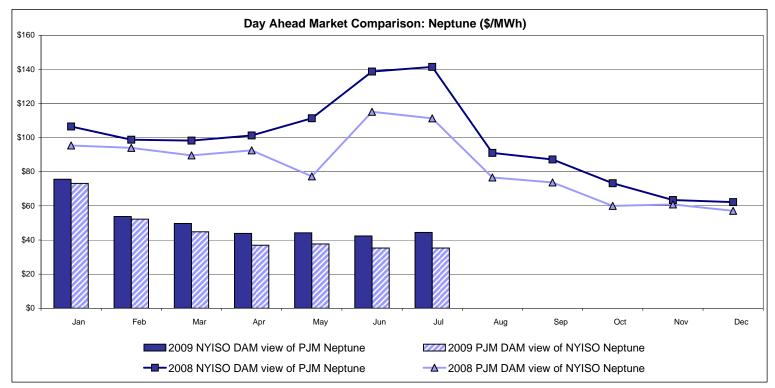


Note:

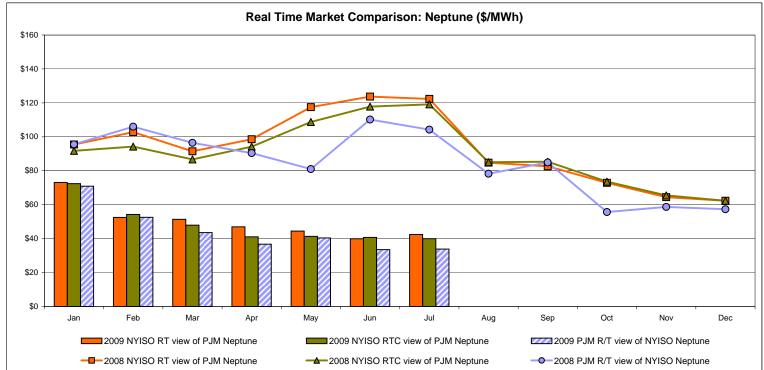
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.

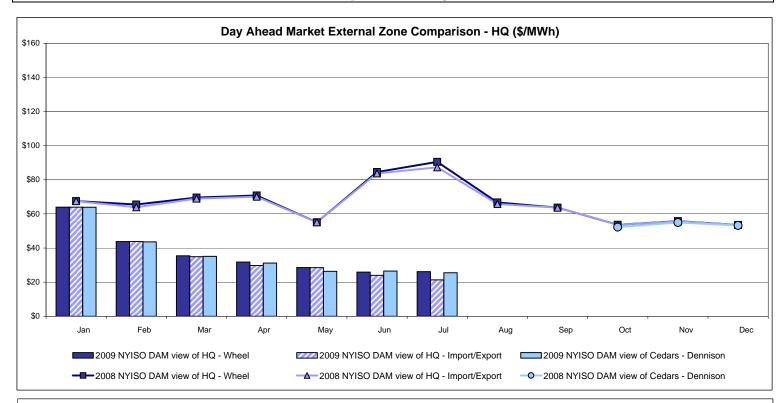
The DAM and R/T prices at the 1385 interface are used for NYISO.

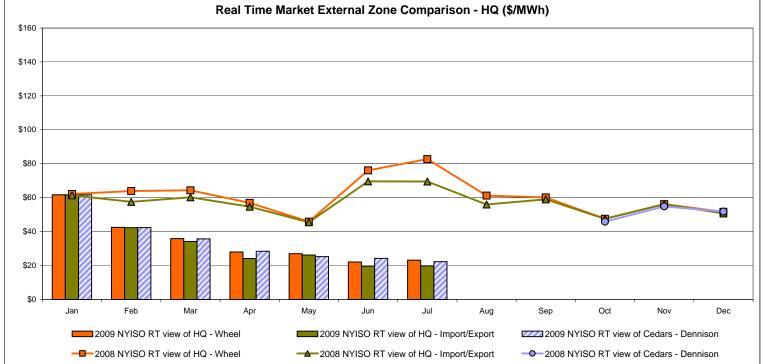


External Controllable Line: Neptune (PJM)



External Comparison Hydro-Quebec





Note:

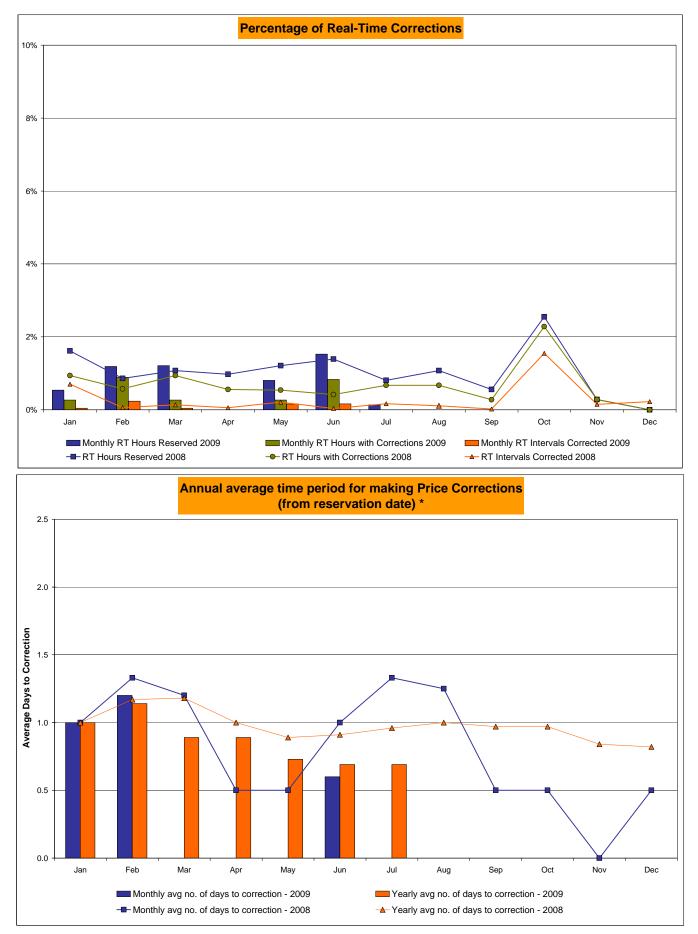
Hydro-Quebec Prices are unavailable.

Dennison Scheduled Line Data available beginning 10/1/2008.

NYISO Real Time Price Correction Statistics

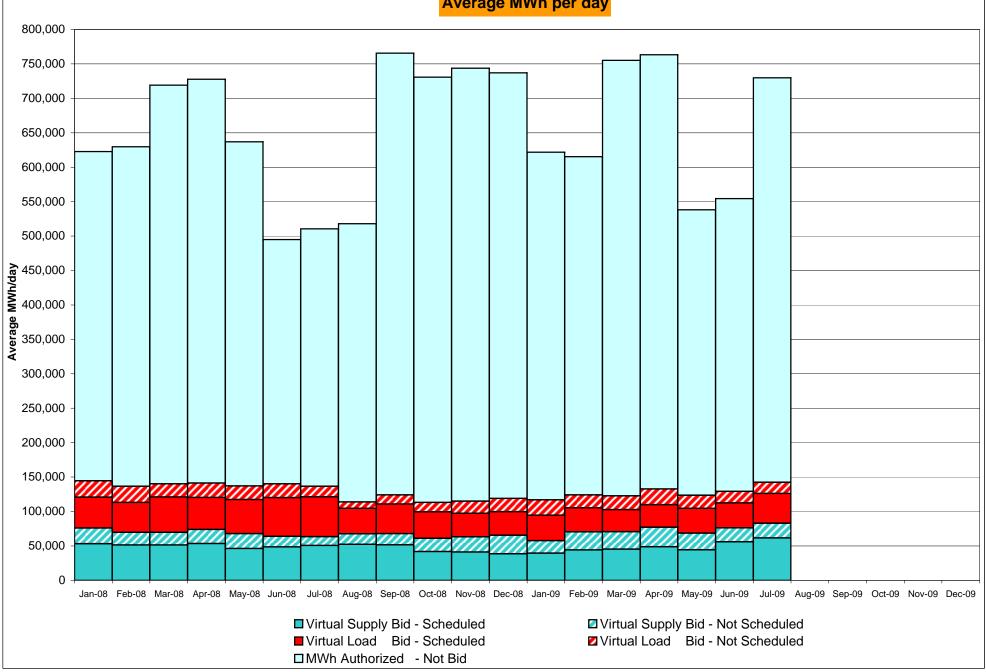
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2009		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
Hour Corrections Number of hours with corrections	in the month	2	6	2	0	2	6	0					
Number of hours	in the month	2 744	672	2 744	720	2 744	720	744					
% of hours with corrections	in the month	0.27%	0.89%	0.27%	0.00%	0.27%	0.83%	0.00%					
% of hours with corrections Interval Corrections	year-to-date	0.27%	0.56%	0.46%	0.35%	0.33%	0.41%	0.35%					
Number of intervals corrected	in the month	4	19	4	0	14	14	0					
Number of intervals	in the month	8,966	8,082	8,933	8,639	8,941	8,655	8,947					
% of intervals corrected	in the month	0.04%	0.24%	0.04%	0.00%	0.16%	0.16%	0.00%					
% of intervals corrected	vear-to-date	0.04%	0.13%	0.10%	0.08%	0.09%	0.11%	0.09%					
Hours Reserved	year-io-dale	0.0478	0.1378	0.1078	0.0078	0.0978	0.1176	0.0378					
Number of hours reserved	in the month	4	8	9	0	6	11	1					
Number of hours	in the month	744	672	744	720	744	720	744					
% of hours reserved	in the month	0.54%	1.19%	1.21%	0.00%	0.81%	1.53%	0.13%					
% of hours reserved	year-to-date	0.54%	0.85%	0.97%	0.73%	0.75%	0.87%	0.77%					
Days to Correction *													
Avg. number of days to correction	in the month	1.00	1.20	0.00	0.00	0.00	0.60	0.00					
Avg. number of days to correction	year-to-date	1.00	1.14	0.89	0.89	0.73	0.69	0.69					
Days Without Corrections	in the survey of the	00	00	00	00	00	05	04					
Days without corrections	in the month	29	23	29	30	29	25	31					
Days without corrections	year-to-date	29	52	81	111	140	165	196					
2008		January	February	March	April	May	June	July	August	September	October	November	December
2008 Hour Corrections		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
	in the month	<u>January</u> 7	<u>February</u> 4	<u>March</u> 7	<u>April</u> 4	<u>May</u> 4	<u>June</u> 3	<u>July</u> 5	<u>August</u> 5	<u>September</u> 2	<u>October</u> 17	<u>November</u> 2	<u>December</u> 3
Hour Corrections	in the month in the month		<u> </u>										
Hour Corrections Number of hours with corrections		7	4	7	4	4	3	5	5	2	17	2	3
Hour Corrections Number of hours with corrections Number of hours	in the month	7 744	4 696	7 744	4 720	4 744	3 720	5 744	5 744	2 720	17 744	2 720	3 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	7 744 0.94%	4 696 0.57%	7 744 0.94%	4 720 0.56%	4 744 0.54%	3 720 0.42%	5 744 0.67%	5 744 0.67%	2 720 0.28%	17 744 2.28%	2 720 0.28%	3 744 0.40%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	7 744 0.94%	4 696 0.57%	7 744 0.94%	4 720 0.56%	4 744 0.54%	3 720 0.42%	5 744 0.67%	5 744 0.67%	2 720 0.28%	17 744 2.28%	2 720 0.28%	3 744 0.40%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	7 744 0.94% 0.94%	4 696 0.57% 0.76%	7 744 0.94% 0.82%	4 720 0.56% <u>0.76%</u>	4 744 0.54% 0.71%	3 720 0.42% 0.66%	5 744 0.67% 0.67%	5 744 0.67% <u>0.67%</u>	2 720 0.28% 0.62%	17 744 2.28% 0.79%	2 720 0.28% 0.75%	3 744 0.40% 0.72%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	7 744 0.94% 0.94% 63	4 696 0.57% 0.76% 5	7 744 0.94% 0.82%	4 720 0.56% 0.76%	4 744 0.54% 0.71% 19	3 720 0.42% 0.66% 3	5 744 0.67% 0.67% 15	5 744 0.67% <u>0.67%</u> 10	2 720 0.28% 0.62% 2	17 744 2.28% 0.79% 139	2 720 0.28% 0.75%	3 744 0.40% 0.72% 20
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month	7 744 0.94% 0.94% 63 8,956	4 696 0.57% 0.76% 5 8,387	7 744 0.94% 0.82% 12 8,939	4 720 0.56% 0.76% 5 8,650	4 744 0.54% <u>0.71%</u> 19 8,989	3 720 0.42% 0.66% 3 8,643	5 744 0.67% 0.67% 15 8,993	5 744 0.67% 0.67% 10 8,995	2 720 0.28% 0.62% 2 8,682	17 744 2.28% 0.79% 139 8,971	2 720 0.28% 0.75% 13 8,689	3 744 0.40% <u>0.72%</u> 20 8,979
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	7 744 0.94% 0.94% 63 8,956 0.70%	4 696 0.57% 0.76% 5 8,387 0.06%	7 744 0.94% 0.82% 12 8,939 0.13%	4 720 0.56% 0.76% 5 8,650 0.06%	4 744 0.54% <u>0.71%</u> 19 8,989 0.21%	3 720 0.42% 0.66% 3 8,643 0.03%	5 744 0.67% 0.67% 15 8,993 0.17%	5 744 0.67% 0.67% 10 8,995 0.11%	2 720 0.28% 0.62% 2 8,682 0.02%	17 744 2.28% 0.79% 139 8,971 1.55%	2 720 0.28% 0.75% 13 8,689 0.15%	3 744 0.40% <u>0.72%</u> 20 8,979 0.22%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	7 744 0.94% 0.94% 63 8,956 0.70%	4 696 0.57% 0.76% 5 8,387 0.06%	7 744 0.94% 0.82% 12 8,939 0.13%	4 720 0.56% 0.76% 5 8,650 0.06%	4 744 0.54% <u>0.71%</u> 19 8,989 0.21%	3 720 0.42% 0.66% 3 8,643 0.03%	5 744 0.67% 0.67% 15 8,993 0.17%	5 744 0.67% 0.67% 10 8,995 0.11%	2 720 0.28% 0.62% 2 8,682 0.02%	17 744 2.28% 0.79% 139 8,971 1.55%	2 720 0.28% 0.75% 13 8,689 0.15%	3 744 0.40% <u>0.72%</u> 20 8,979 0.22%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month year-to-date	7 744 0.94% 0.94% 63 8,956 0.70% 0.70%	4 696 0.57% 0.76% 5 8,387 0.06% 0.39%	7 744 0.94% 0.82% 12 8,939 0.13% 0.30%	4 720 0.56% 0.76% 5 8,650 0.06% 0.24%	4 744 0.54% 0.71% 19 8,989 0.21% 0.24%	3 720 0.42% 0.66% 3 8,643 0.03% 0.20%	5 744 0.67% 0.67% 15 8,993 0.17% 0.20%	5 744 0.67% 0.67% 10 8,995 0.11% 0.19%	2 720 0.28% 0.62% 2 8,682 0.02% 0.17%	17 744 2.28% 0.79% 139 8,971 1.55% 0.31%	2 720 0.28% 0.75% 13 8,689 0.15% 0.30%	3 744 0.40% 0.72% 20 8,979 0.22% 0.29%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected Mumber of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 12	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10	5 744 0.67% 0.67% 15 8,993 0.17% 0.20% 6	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2	3 744 0.40% 0.72% 20 8,979 0.22% 0.22% 0.29% 3
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 0.70% 12 744 1.61%	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6 6 696 0.86%	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8 744 1.08%	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7 720 0.97%	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9 744 1.21%	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10 720 1.39%	5 744 0.67% 15 8,993 0.17% 0.20% 6 744 0.81%	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8 744 1.08%	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4 720 0.56%	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19 744 2.55%	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2 720 0.28%	3 744 0.40% 0.72% 20 8,979 0.22% 0.29% 3 744 0.40%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours	in the month in the month year-to-date in the month in the month year-to-date in the month in the month	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 12 744	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6 6996	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8 744	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7 720	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9 744	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10 720	5 744 0.67% 0.67% 15 8,993 0.17% 0.20% 6 744	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8 744	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4 720	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19 744	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2 720	3 744 0.40% 0.72% 20 8,979 0.22% 0.29% 3 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 0.70% 12 744 1.61%	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6 6 696 0.86%	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8 744 1.08%	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7 720 0.97%	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9 744 1.21%	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10 720 1.39%	5 744 0.67% 15 8,993 0.17% 0.20% 6 744 0.81%	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8 744 1.08%	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4 720 0.56%	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19 744 2.55%	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2 720 0.28%	3 744 0.40% 0.72% 20 8,979 0.22% 0.29% 3 744 0.40%
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month year-to-date	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 12 744 1.61% 1.61%	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6 6 696 0.86% 1.25%	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8 744 1.08% 1.19%	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7 720 0.97% 1.14%	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9 744 1.21% 1.15%	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10 720 1.39% 1.19%	5 744 0.67% 15 8,993 0.17% 0.20% 6 744 0.81% 1.13%	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8 744 1.08% 1.13%	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4 720 0.56% 1.06%	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19 744 2.55% 1.22%	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2 720 0.28% 1.13%	3 744 0.40% 0.72% 20 8,979 0.22% 0.29% 3 744 0.40% 1.07%
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Mumber of intervals corrected Number of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month year-to-date in the month	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 12 744 1.61% 1.61% 1.61%	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6 696 0.86% 1.25% 1.33	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8 744 1.08% 1.19% 1.20	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7 720 0.97% 1.14% 0.50	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9 744 1.21% 1.15% 0.50	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10 720 1.39% 1.19% 1.00	5 744 0.67% 0.67% 15 8,993 0.17% 0.20% 6 744 0.81% 1.13% 1.33	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8 744 1.08% 1.13% 1.25	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4 720 0.56% 1.06% 0.50	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19 744 2.55% 1.22% 0.50	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2 720 0.28% 1.13% 0.00	3 744 0.40% 0.72% 20 8,979 0.22% 0.29% 3 744 0.40% 1.07% 0.50
Hour Corrections Number of hours with corrections % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month year-to-date in the month	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 12 744 1.61% 1.61% 1.61%	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6 696 0.86% 1.25% 1.33	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8 744 1.08% 1.19% 1.20	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7 720 0.97% 1.14% 0.50	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9 744 1.21% 1.15% 0.50	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10 720 1.39% 1.19% 1.00	5 744 0.67% 0.67% 15 8,993 0.17% 0.20% 6 744 0.81% 1.13% 1.33	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8 744 1.08% 1.13% 1.25	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4 720 0.56% 1.06% 0.50	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19 744 2.55% 1.22% 0.50	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2 720 0.28% 1.13% 0.00	3 744 0.40% 0.72% 20 8,979 0.22% 0.29% 3 744 0.40% 1.07% 0.50
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Interval Corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction * Avg. number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	7 744 0.94% 0.94% 63 8,956 0.70% 0.70% 12 744 1.61% 1.61% 1.00 1.00	4 696 0.57% 0.76% 5 8,387 0.06% 0.39% 6 6 696 0.86% 1.25% 1.33 1.17	7 744 0.94% 0.82% 12 8,939 0.13% 0.30% 8 744 1.08% 1.19% 1.20 1.18	4 720 0.56% 0.76% 5 8,650 0.06% 0.24% 7 720 0.97% 1.14% 0.50 1.00	4 744 0.54% 0.71% 19 8,989 0.21% 0.24% 9 744 1.21% 1.15% 0.50 0.89	3 720 0.42% 0.66% 3 8,643 0.03% 0.20% 10 720 1.39% 1.19% 1.00 0.91	5 744 0.67% 0.67% 15 8,993 0.17% 0.20% 6 744 0.81% 1.13% 1.33 0.96	5 744 0.67% 0.67% 10 8,995 0.11% 0.19% 8 744 1.08% 1.13% 1.25 1.00	2 720 0.28% 0.62% 2 8,682 0.02% 0.17% 4 720 0.56% 1.06% 0.50 0.97	17 744 2.28% 0.79% 139 8,971 1.55% 0.31% 19 744 2.55% 1.22% 0.50 0.97	2 720 0.28% 0.75% 13 8,689 0.15% 0.30% 2 720 0.28% 1.13% 0.00 0.84	3 744 0.40% 0.72% 20 8,979 0.22% 0.29% 3 744 0.40% 1.07% 0.50 0.82

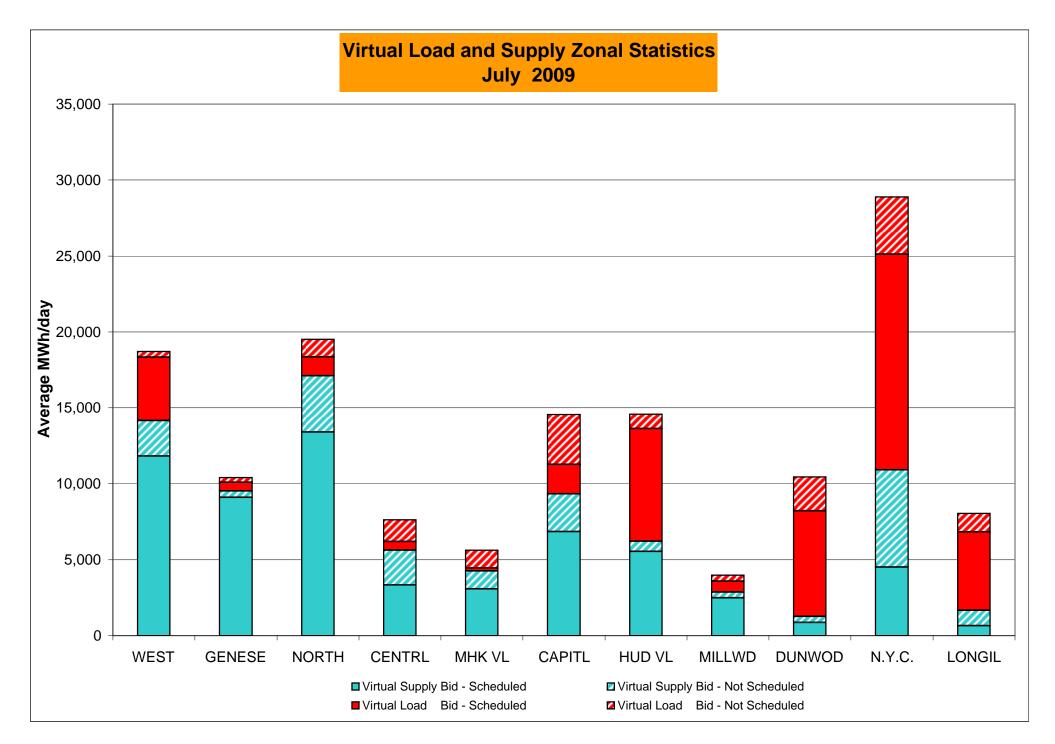
* Calendar days from reservation date.



* Calendar days from reservation date.

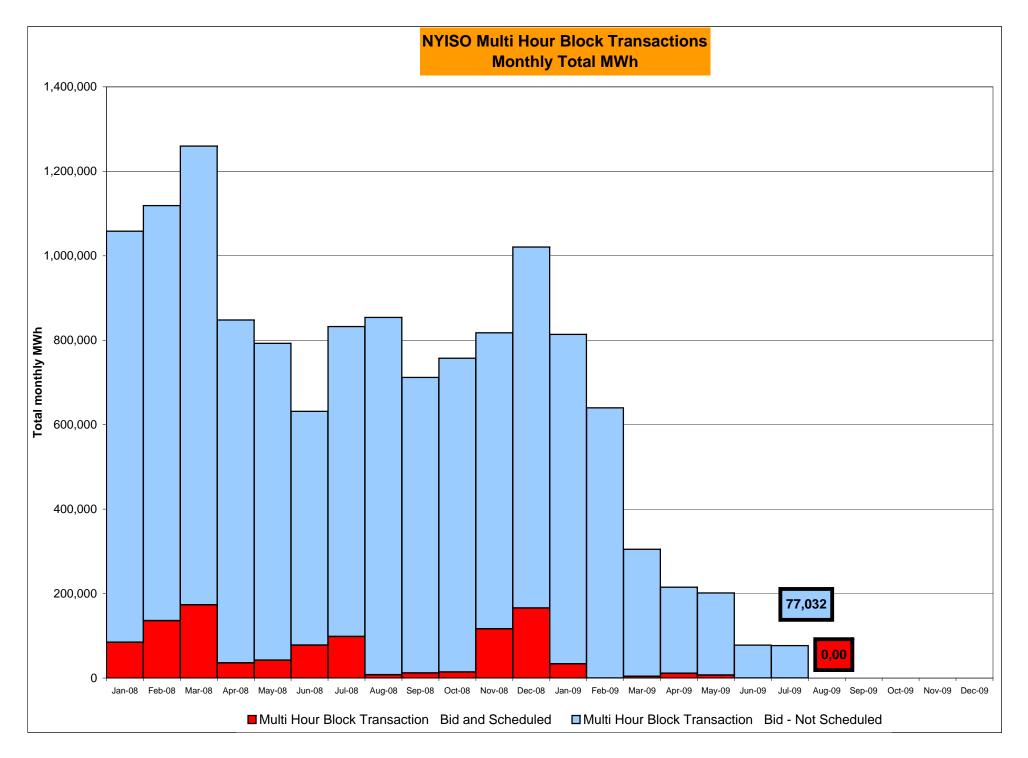
NYISO Virtual Trading Average MWh per day

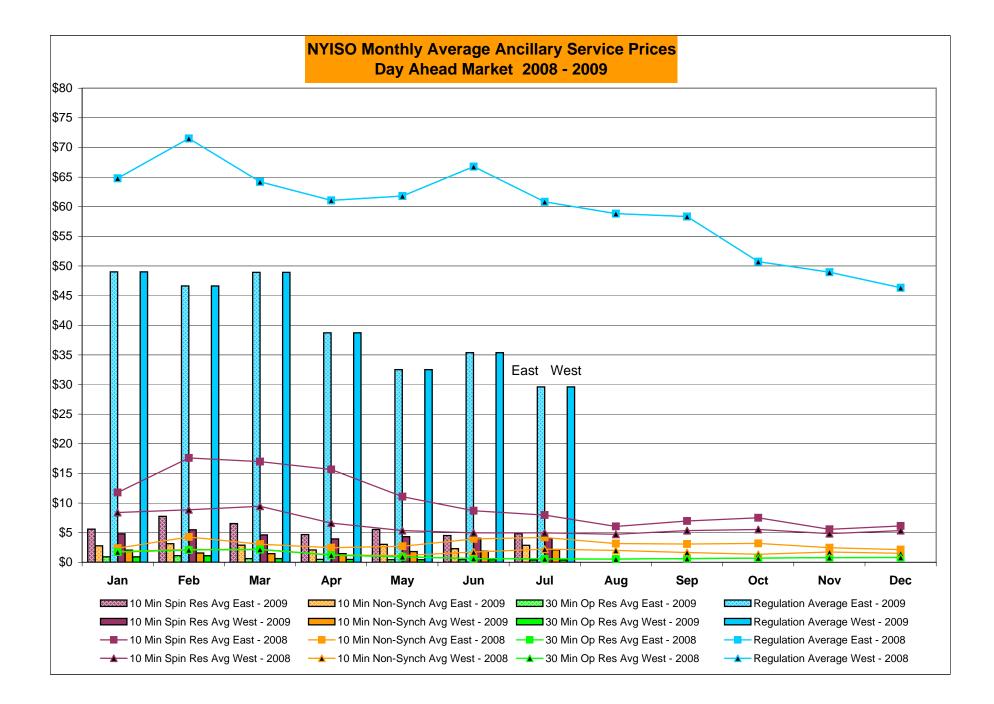


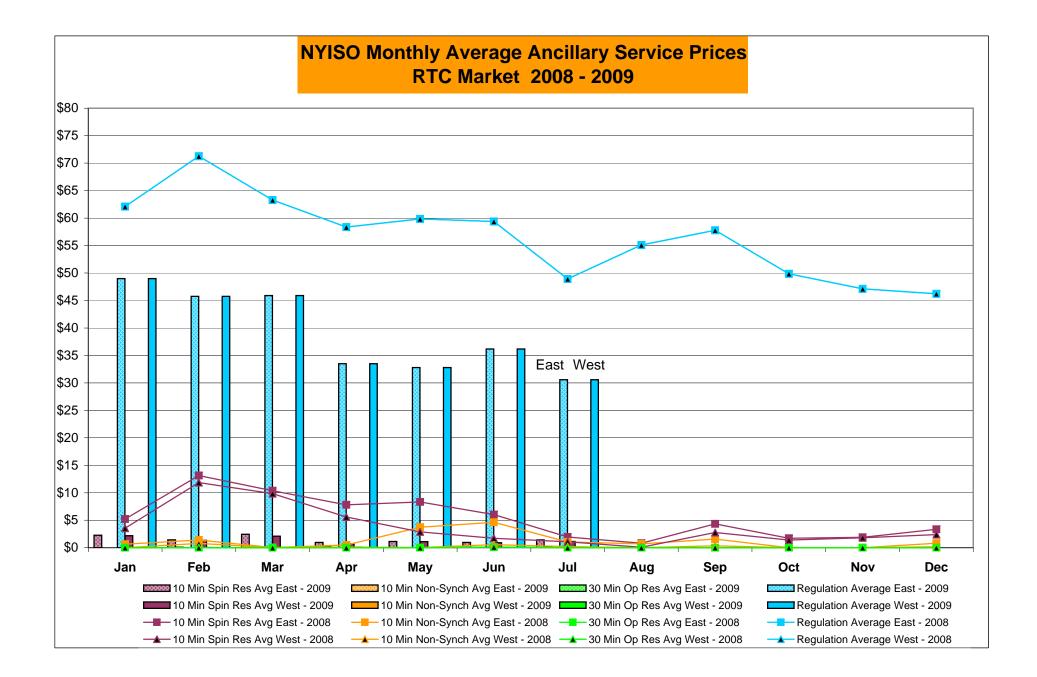


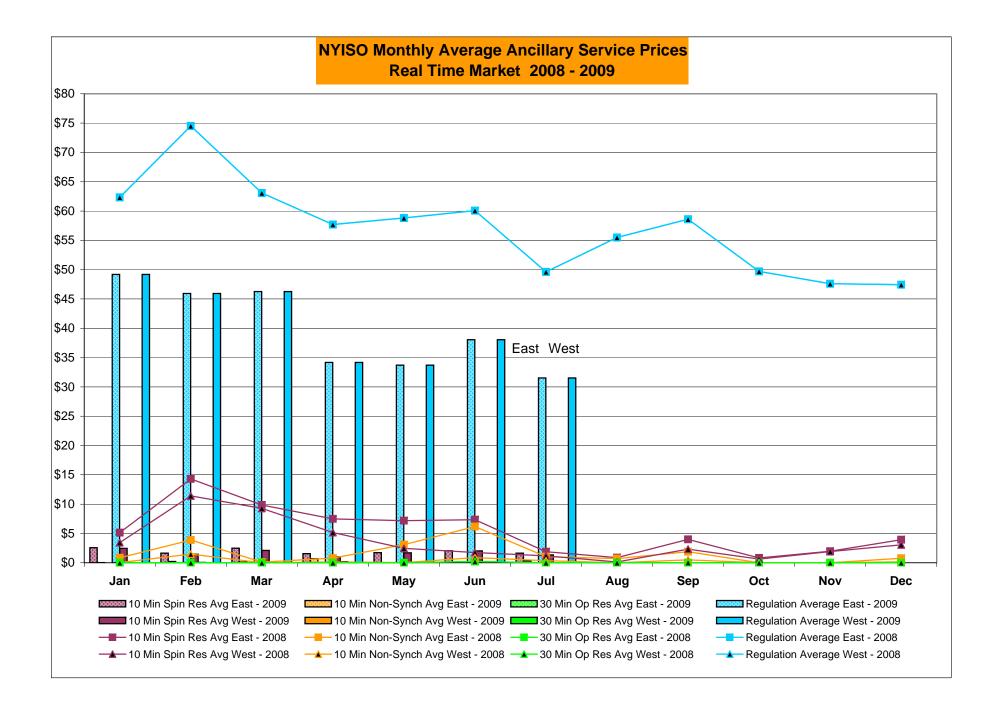
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2009

		Virtual L		Virtual S	upply Bid			Virtual L	oad Bid	Virtual Su				Virtual L		Virtual Su	11.7
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
NEST	Jan-09		1,802	5,787	1,732	MHK VL	Jan-09	Scheduled 839		2,335	Scheduled 568	DUNWOD	Jan-09		1,616	1,523	
NESI	Feb-09	- /	2,412	6,036	3,686		Feb-09	1,336		2,335	832	DONWOD	Feb-09	- / -	1,010	1,523	
	Mar-09	,	3,562	9,608	4,252	-	Mar-09	777		,	1,271		Mar-09	,	838	,	,
	Apr-09		5,259	11,561	5,872	-	Apr-09	328		3,065	1,353		Apr-09		645		
	May-09		888	8,191	5,330	-	May-09	758		3,090	1,197		May-09		594		
	Jun-09	,	714	9,883	1,292	-	Jun-09	316	,	1,821	1,265		Jun-09	,	730		,
	Jul-09		372	11,818	2,339		Jul-09	195			1,181		Jul-09		2,227	867	
	Aug-09		-	,	,		Aug-09		, -	- ,	, -		Aug-09		,		
	Sep-09						Sep-09						Sep-09				
	Oct-09						Oct-09						Oct-09				
	Nov-09						Nov-09						Nov-09				
	Dec-09						Dec-09						Dec-09				
GENESE	Jan-09	2,540	1 161	8,332	1,092	CAPITL	lon 00	4 740	3,352	1 706	2.069	N.Y.C.	Jan-09	0.640	6 422	1 01 /	E 965
JENESE	Jan-09 Feb-09		1,161 1,167	9,082	1,092	CAPITL	Jan-09 Feb-09	4,749 5,637		1,706 1,627	2,068 2,652	N. T. C.	Jan-09 Feb-09		6,433 3,737	1,814 3,576	
	Mar-09	1,673	685	10,131	722	-	Mar-09	4,408	,	1,297	2,837		Mar-09	-, -	2,920	673	,
	Apr-09		689	10,441	729	-	Apr-09	3,136	,	1,859	3,008		Apr-09	,	4,076		,
	May-09		529	7,483	510	-	May-09	2,572		2,230	1,854		May-09		6,786		
	Jun-09	1,147	500	9,053	616		Jun-09	1,691	2,981	4,784	1,775		Jun-09		4,428	2,616	- ,
	Jul-09	,	307	9,108	418		Jul-09	1,950	,	6,852	2,476		Jul-09	,	3,773	,	,
	Aug-09			-,			Aug-09	,	-,	- /	, -		Aug-09			,	
	Sep-09						Sep-09						Sep-09				
	Oct-09						Oct-09						Oct-09				
	Nov-09						Nov-09						Nov-09				
	Dec-09						Dec-09						Dec-09				
NORTH	Jan-09	398	1,277	5,428	757	HUD VL	Jan-09	1,572	1,199	5,365	1,875	LONGIL	Jan-09	5,026	2,640	1,654	806
	Feb-09		983	7,684	1,481		Feb-09	2,721	2,126		3,506		Feb-09		1,141	1,357	
	Mar-09	-	1,482	9,019	2,142		Mar-09	2,810			978		Mar-09	7 -	1,742		
	Apr-09	842	1,480	8,515	3,032		Apr-09	3,516			1,293		Apr-09		2,061	833	
	May-09		737	11,818	3,910		May-09	2,901	1,090	4,096	601		May-09		2,230	489	
	Jun-09	1,188	922	14,564	3,919		Jun-09	2,828	1,085	6,286	1,088		Jun-09	5,280	1,765	928	486
	Jul-09	1,256	1,159	13,412	3,691		Jul-09	7,432	943	5,538	673		Jul-09	5,173	1,226	649	1,008
	Aug-09						Aug-09						Aug-09				
	Sep-09						Sep-09						Sep-09				
	Oct-09						Oct-09						Oct-09				
	Nov-09						Nov-09						Nov-09				
	Dec-09						Dec-09						Dec-09				
CENTRL	Jan-09	2,532	1,128	1,935	796	MILLWD	Jan-09	435	900	3,633	1,114	NYISO	Jan-09	36,855	22,359	39,512	18,097
	Feb-09		1,093	1,656	983		Feb-09	301	980		924		Feb-09	35,028	18,690	44,221	
	Mar-09	3,132	1,873	1,641	1,402	1	Mar-09	556	759	1,541	654		Mar-09	31,876	20,023	45,201	25,514
	Apr-09	1,099	1,742	1,685	1,496		Apr-09	406	652	3,583	592		Apr-09	32,708	22,708	48,680	28,482
	May-09	1,469	1,375	1,192	1,480		May-09	945	517	3,178	533		May-09	35,955	19,156	44,270	24,232
	Jun-09		1,541	2,015	2,013		Jun-09	606		2,902	478		Jun-09	/	16,546	56,002	20,115
	Jul-09	576	1,422	3,326	2,297		Jul-09	727	399	2,487	370		Jul-09	43,230	16,291	61,637	21,246
	Aug-09						Aug-09						Aug-09				
	Sep-09						Sep-09						Sep-09				
	Oct-09						Oct-09						Oct-09				
	Nov-09						Nov-09						Nov-09				
	Dec-09						Dec-09						Dec-09	0			'

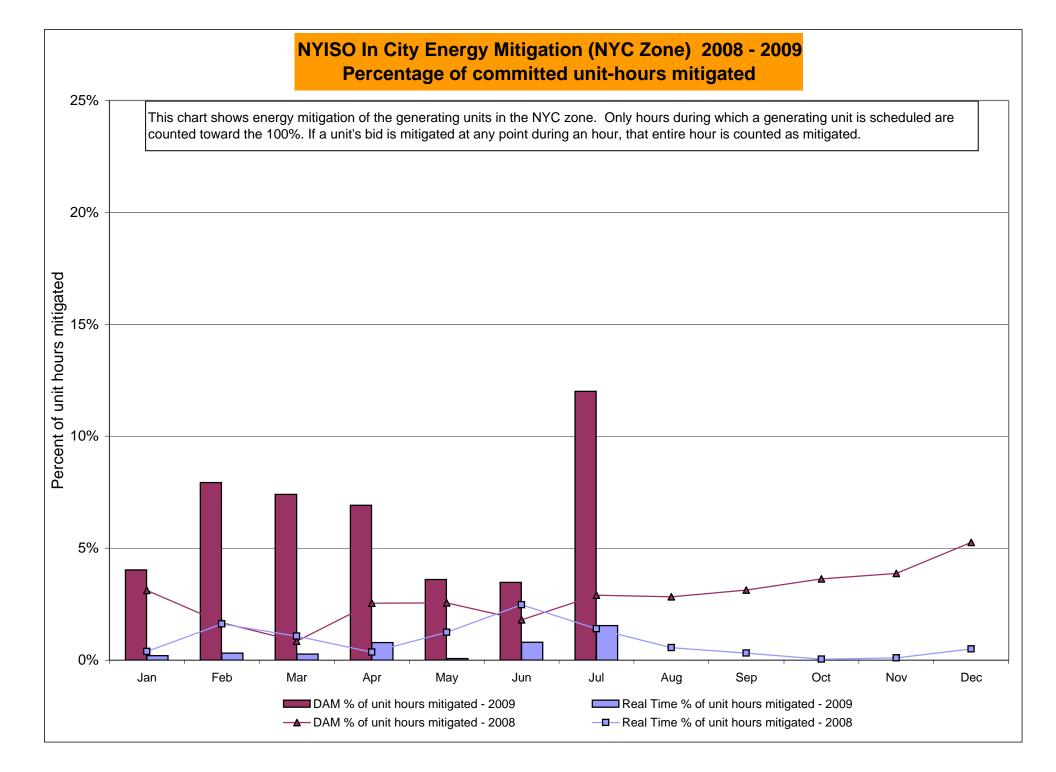


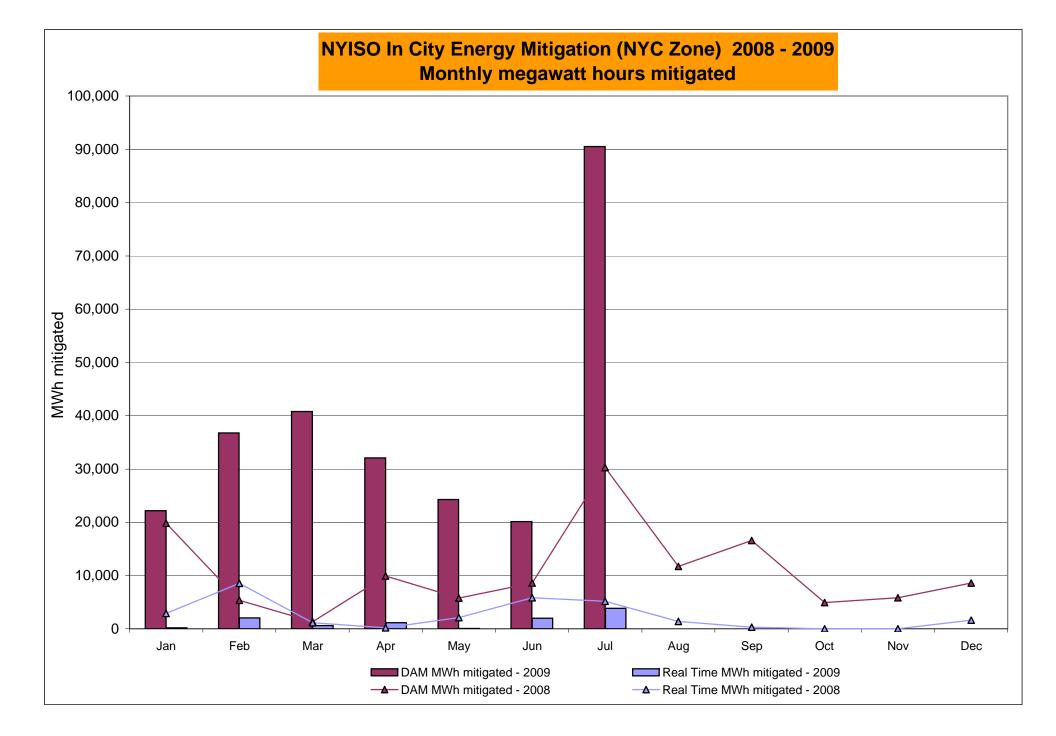


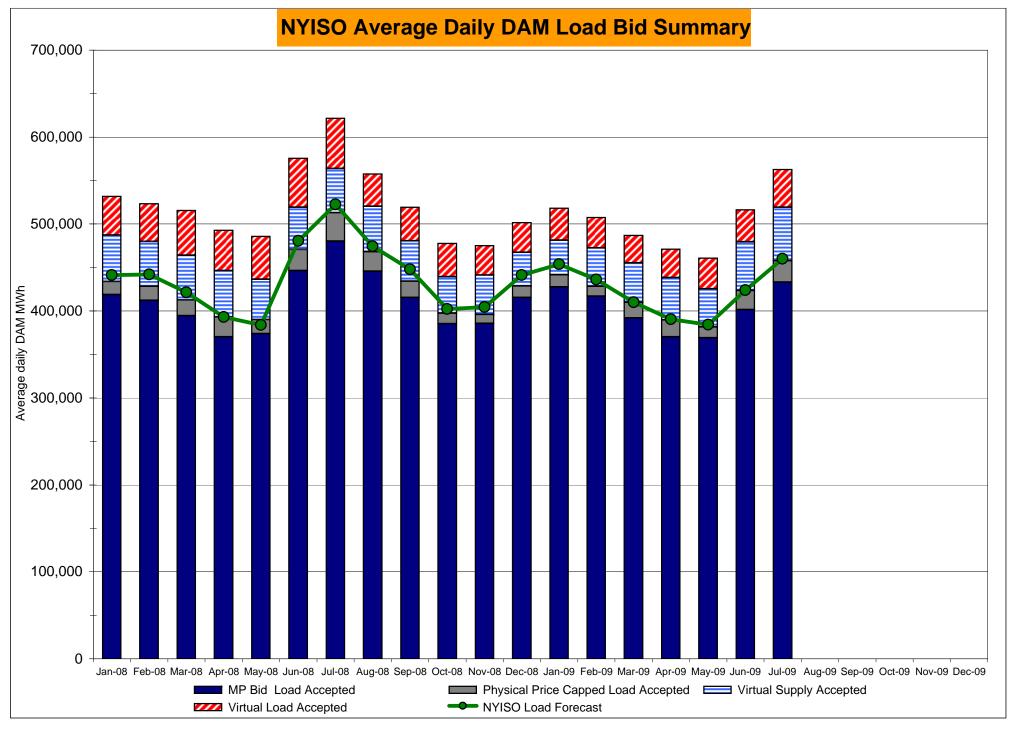




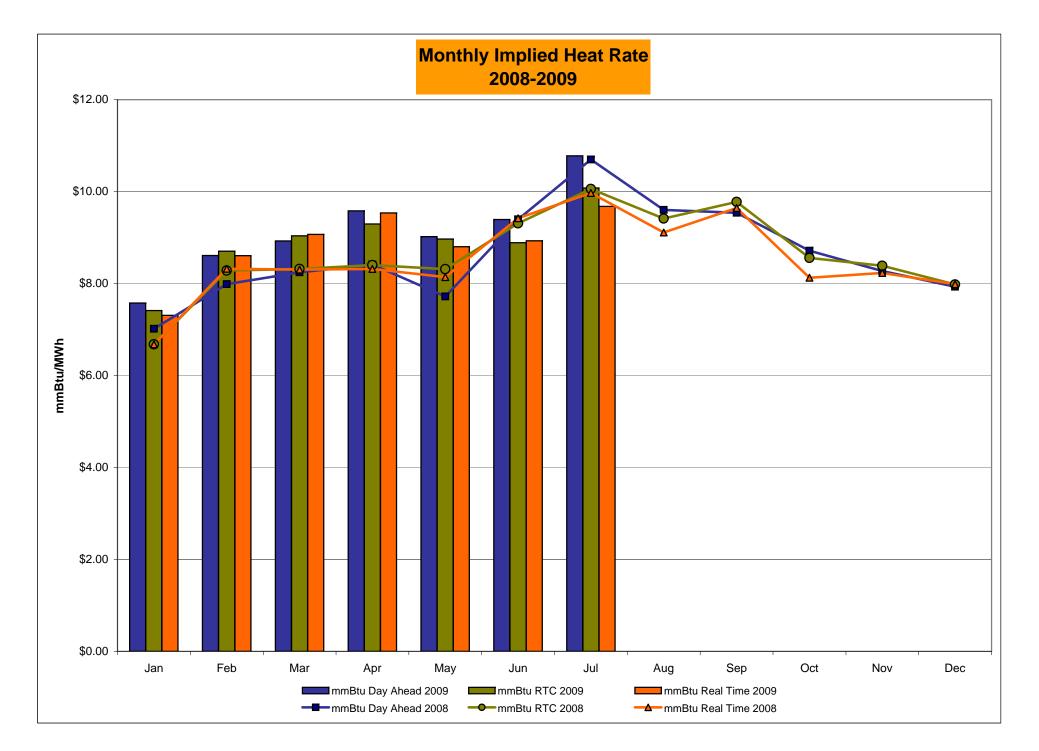
		NYISO	Markets Ar	ncillary Ser	vices Stati	stics - Unw	veighted P	rice (\$/MV	<u>VH)</u>			
2009	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market	<u>.</u>											
10 Min Spin East	5.60	7.74	6.54	4.66	5.53	4.50	4.84					
10 Min Spin West	4.81	5.48	4.62	3.94	4.32	4.05	4.08					
10 Min Non Synch East	2.77	3.13	2.88	2.09	3.03	2.31	2.86					
10 Min Non Synch West	2.05	1.58	1.45	1.46	1.82	1.87	2.11					
30 Min East	0.92	1.12	0.63	0.50	0.43	0.43	0.37					
30 Min West	0.92	1.12	0.63	0.50	0.43	0.43	0.37					
Regulation East	49.01	46.62	48.92	38.71	32.52	35.37	29.59					
Regulation West	49.01	46.62	48.92	38.71	32.52	35.37	29.59					
RTC Market												
10 Min Spin East	2.27	1.44	2.43	0.97	1.12	0.96	1.41					
10 Min Spin West	2.20	1.35	2.09	0.70	1.10	0.91	1.13					
10 Min Non Synch East	0.00	0.08	0.05	0.30	0.00	0.00	0.27					
10 Min Non Synch West	0.00	0.04	0.05	0.10	0.00	0.00	0.00					
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
Regulation East	48.98	45.76	45.90	33.49	32.80	36.17	30.59					
Regulation West	48.98	45.76	45.90	33.49	32.80	36.17	30.59					
Real Time Market												
10 Min Spin East	2.57	1.65	2.49	1.55	1.73	2.06	1.65					
10 Min Spin West	2.46	1.43	2.09	1.00	1.70	2.00	1.33					
10 Min Non Synch East	0.03	0.22	0.10	0.69	0.00	0.00	0.31					
10 Min Non Synch West	0.03	0.05	0.05	0.00	0.00	0.00	0.00					
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
Regulation East	49.19	45.95	46.27	34.17	33.71	38.05	31.54					
Regulation West	49.19	45.95	46.27	34.17	33.71	38.05	31.54					
-	lanuary	February	March	April	May	lune	luly	August	Sentember	October	November	December
2008	January	<u>February</u>	March	<u>April</u>	<u>May</u>	June	July	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
2008 Day Ahead Market									-			
2008 Day Ahead Market 10 Min Spin East	11.76	17.59	16.98	15.66	11.07	8.68	7.96	6.06	6.97	7.50	5.57	6.14
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West	11.76 8.41	17.59 8.86	16.98 9.45	15.66 6.61	11.07 5.35	8.68 4.97	7.96 4.96	6.06 4.72	6.97 5.33	7.50 5.54	5.57 4.83	6.14 5.35
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	11.76 8.41 2.36	17.59 8.86 4.26	16.98 9.45 3.04	15.66 6.61 2.46	11.07 5.35 2.69	8.68 4.97 3.93	7.96 4.96 4.18	6.06 4.72 3.16	6.97 5.33 3.09	7.50 5.54 3.18	5.57 4.83 2.46	6.14 5.35 2.14
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West	11.76 8.41	17.59 8.86	16.98 9.45	15.66 6.61	11.07 5.35	8.68 4.97	7.96 4.96	6.06 4.72	6.97 5.33	7.50 5.54	5.57 4.83	6.14 5.35
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	11.76 8.41 2.36 1.81	17.59 8.86 4.26 2.16	16.98 9.45 3.04 2.16	15.66 6.61 2.46 1.24	11.07 5.35 2.69 1.14	8.68 4.97 3.93 1.73	7.96 4.96 4.18 2.20	6.06 4.72 3.16 1.99	6.97 5.33 3.09 1.65	7.50 5.54 3.18 1.34	5.57 4.83 2.46 1.74	6.14 5.35 2.14 1.51
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	11.76 8.41 2.36 1.81 1.73	17.59 8.86 4.26 2.16 2.07	16.98 9.45 3.04 2.16 2.16	15.66 6.61 2.46 1.24 1.21	11.07 5.35 2.69 1.14 0.93	8.68 4.97 3.93 1.73 0.61	7.96 4.96 4.18 2.20 0.57	6.06 4.72 3.16 1.99 0.54	6.97 5.33 3.09 1.65 0.62	7.50 5.54 3.18 1.34 0.70	5.57 4.83 2.46 1.74 0.79	6.14 5.35 2.14 1.51 0.82
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West	11.76 8.41 2.36 1.81 1.73 1.73	17.59 8.86 4.26 2.16 2.07 2.07	16.98 9.45 3.04 2.16 2.16 2.16	15.66 6.61 2.46 1.24 1.21 1.21	11.07 5.35 2.69 1.14 0.93 0.93	8.68 4.97 3.93 1.73 0.61 0.61	7.96 4.96 4.18 2.20 0.57 0.57	6.06 4.72 3.16 1.99 0.54 0.54	6.97 5.33 3.09 1.65 0.62 0.62	7.50 5.54 3.18 1.34 0.70 0.70	5.57 4.83 2.46 1.74 0.79 0.79	6.14 5.35 2.14 1.51 0.82 0.82
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West	11.76 8.41 2.36 1.81 1.73 1.73 64.81	17.59 8.86 4.26 2.16 2.07 2.07 71.51	16.98 9.45 3.04 2.16 2.16 2.16 64.19	15.66 6.61 2.46 1.24 1.21 1.21 61.08	11.07 5.35 2.69 1.14 0.93 0.93 61.80	8.68 4.97 3.93 1.73 0.61 0.61 66.77	7.96 4.96 4.18 2.20 0.57 0.57 60.83	6.06 4.72 3.16 1.99 0.54 0.54 58.82	6.97 5.33 3.09 1.65 0.62 0.62 58.34	7.50 5.54 3.18 1.34 0.70 0.70 50.73	5.57 4.83 2.46 1.74 0.79 0.79 48.94	6.14 5.35 2.14 1.51 0.82 0.82 46.34
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West REGULATION WEST	11.76 8.41 2.36 1.81 1.73 1.73 64.81 64.81	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51	16.98 9.45 3.04 2.16 2.16 2.16 64.19 64.19	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83	6.06 4.72 3.16 1.99 0.54 0.54 58.82 58.82	6.97 5.33 3.09 1.65 0.62 0.62 58.34 58.34	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94	6.14 5.35 2.14 1.51 0.82 0.82 46.34 46.34
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West REGULATION WEST REGULATION WEST	11.76 8.41 2.36 1.81 1.73 1.73 64.81 64.81 5.22	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13	16.98 9.45 3.04 2.16 2.16 2.16 64.19 64.19 10.37	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83	6.06 4.72 3.16 1.99 0.54 0.54 58.82 58.82 0.80	6.97 5.33 3.09 1.65 0.62 0.62 58.34 58.34 4.33	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 1.89	6.14 5.35 2.14 1.51 0.82 0.82 46.34 46.34 3.34
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West <u>RTC Market</u> 10 Min Spin East 10 Min Spin West	11.76 8.41 2.36 1.81 1.73 1.73 64.81 64.81 5.22 3.55	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86	16.98 9.45 3.04 2.16 2.16 2.16 64.19 64.19 10.37 9.83	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 61.80 8.34 2.89	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09	6.06 4.72 3.16 1.99 0.54 0.54 58.82 58.82 0.80 0.09	6.97 5.33 3.09 1.65 0.62 0.62 58.34 58.34 4.33 2.76	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80	6.14 5.35 2.14 1.51 0.82 0.82 46.34 46.34 46.34 3.34 2.39
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West 10 Min Spin East 10 Min Spin West 10 Min Spin West	11.76 8.41 2.36 1.81 1.73 1.73 64.81 64.81 5.22 3.55 0.65	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86 1.40	16.98 9.45 3.04 2.16 2.16 64.19 64.19 10.37 9.83 0.02	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34 2.89 3.74	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62	7.96 4.96 4.18 2.20 0.57 60.83 60.83 1.95 1.09 1.05	6.06 4.72 3.16 1.99 0.54 0.54 58.82 58.82 0.80 0.09 0.70	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ 4.33\\ 2.76\\ 1.56\end{array}$	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39 0.00	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00	6.14 5.35 2.14 1.51 0.82 0.82 46.34 46.34 46.34 3.34 2.39 0.80
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West TO Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00$	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86 1.40 0.79	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 61.80 8.34 2.89 3.74 0.04	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21	6.06 4.72 3.16 1.99 0.54 0.54 58.82 58.82 58.82 0.80 0.09 0.70 0.00	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ \end{array}$	$7.50 \\ 5.54 \\ 3.18 \\ 1.34 \\ 0.70 \\ 0.70 \\ 50.73 \\ 50.73 \\ 1.72 \\ 1.39 \\ 0.00 $	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00 0.00	6.14 5.35 2.14 1.51 0.82 0.82 46.34 46.34 46.34 3.34 2.39 0.80 0.17
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West TO Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	11.76 8.41 2.36 1.81 1.73 1.73 64.81 64.81 5.22 3.55 0.65	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86 1.40	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.0$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34 2.89 3.74	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62	7.96 4.96 4.18 2.20 0.57 60.83 60.83 1.95 1.09 1.05	6.06 4.72 3.16 1.99 0.54 0.54 58.82 58.82 0.80 0.09 0.70	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ \end{array}$	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39 0.00	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00	6.14 5.35 2.14 1.51 0.82 46.34 46.34 46.34 3.34 2.39 0.80 0.17 0.00
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00$	17.59 8.86 4.26 2.16 2.07 71.51 71.51 13.13 11.86 1.40 0.79 0.00 0.00	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.0$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.12	$7.96 \\ 4.96 \\ 4.18 \\ 2.20 \\ 0.57 \\ 0.57 \\ 60.83 \\ 60.83 \\ 1.95 \\ 1.09 \\ 1.05 \\ 0.21 \\ 0.00 $	$\begin{array}{c} 6.06 \\ 4.72 \\ 3.16 \\ 1.99 \\ 0.54 \\ 0.54 \\ 58.82 \\ 58.82 \\ \hline 0.80 \\ 0.09 \\ 0.70 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39 0.00 0.00 0.00 0.00 0.00	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West TO Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00$	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86 1.40 0.79 0.00	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.0$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34 2.89 3.74 0.04 0.00	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 66.77 6.04 1.71 4.62 0.56 0.12	7.96 4.96 4.18 2.20 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00	$\begin{array}{c} 6.06 \\ 4.72 \\ 3.16 \\ 1.99 \\ 0.54 \\ 0.54 \\ 58.82 \\ 58.82 \\ 58.82 \\ 0.80 \\ 0.09 \\ 0.70 \\ 0.00 \\ 0.00 \\ 0.00 \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ \end{array}$	$7.50 \\ 5.54 \\ 3.18 \\ 1.34 \\ 0.70 \\ 0.70 \\ 50.73 \\ 50.73 \\ 1.72 \\ 1.39 \\ 0.00 $	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00 0.00 0.00	6.14 5.35 2.14 1.51 0.82 46.34 46.34 46.34 3.34 2.39 0.80 0.17 0.00
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min West Regulation East Regulation West 10 Min Spin East 10 Min Spin West 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East Regulation West	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ 1000 \\ 100$	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86 1.40 0.79 0.00 0.00 71.26	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 \\ 10.37 $	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 58.35	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.56 0.12 0.12 59.38	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.80\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 55.11 \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 57.78\end{array}$	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39 0.00 0.00 0.00 0.00 49.85	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 0.00 0.00 47.11	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West ERC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 30 Min East 30 Min West Regulation East	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ 1000 \\ 100$	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86 1.40 0.79 0.00 0.00 71.26	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 \\ 10.37 $	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 58.35	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.56 0.12 0.12 59.38	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.80\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 55.11 \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 57.78\end{array}$	$7.50 \\ 5.54 \\ 3.18 \\ 1.34 \\ 0.70 \\ 0.70 \\ 50.73 \\ 50.73 \\ 50.73 \\ 1.72 \\ 1.39 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 49.85 \\ 49.85 \\ 49.85 \\ 1.52 \\ 1$	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 0.00 0.00 47.11	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 3.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ 46.22\\ 46.22\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin East 10 Min Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West	11.76 8.41 2.36 1.81 1.73 1.73 64.81 64.81 5.22 3.55 0.65 0.00 0.00 0.00 0.00 62.09 62.09 5.12	17.59 8.86 4.26 2.16 2.07 71.51 71.51 13.13 11.86 1.40 0.79 0.00 0.00 71.26 71.26	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 $	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 58.35 58.35	$ \begin{array}{r} 11.07\\5.35\\2.69\\1.14\\0.93\\0.93\\61.80\\61.80\\8.34\\2.89\\3.74\\0.04\\0.00\\0.00\\59.84\\59.84\end{array} $	$\begin{array}{c} 8.68\\ 4.97\\ 3.93\\ 1.73\\ 0.61\\ 0.61\\ 66.77\\ 66.77\\ 66.77\\ \hline \end{array}$	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94 48.94	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.80\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 55.11\\ 55.11 \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ \\ 58.34\\ \\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 57.78\\ 57.78\\ \\ 57.78\end{array}$	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39 0.00 0.00 0.00 0.00 49.85	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 1.89 1.89 1.80 0.00 0.00 0.00 0.00 0.00 0.00 47.11 47.11	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 30 Min East 30 Min West Regulation East Regulation East Regulation West	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ $	17.59 8.86 4.26 2.16 2.07 2.07 71.51 71.51 13.13 11.86 1.40 0.79 0.00 0.00 71.26 71.26 14.30 11.40	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 \\ 63.30 \\ 9.86 \\ 1000 \\ 1$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 58.35 58.35 7.48	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84 59.84 7.19	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.12 59.38 59.38 59.38 7.35 1.73	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94 48.94 1.88	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.80\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 55.11\\ 55.11\\ 0.87\\ \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ \end{array}$ $\begin{array}{c} 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 57.78\\ 57.78\\ 57.78\\ \end{array}$	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39 0.00 0.00 0.00 0.00 49.85 49.85 0.83	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 1.89 1.89 1.80 0.00 0.00 0.00 0.00 0.00 0.00 47.11 47.11	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 3.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ 46.22\\ 46.22\\ 3.93\\ 3.05\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min West Regulation East Regulation West 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min West Regulation East Regulation East Regulation West Regulation West Regulation West	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ 62.09 \\ 5.12 \\ 3.45 \\ 1.72 \\ 3.45 \\ 1.72 \\ 1.$	17.59 8.86 4.26 2.16 2.07 71.51 71.51 13.13 11.86 1.40 0.79 0.00 0.00 71.26 71.26 71.26	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 \\ 63.30 \\ 9.86 \\ 9.27 \\ 10000 \\ 0.00 \\ $	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 58.35 58.35 58.35 7.48 5.16	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84 59.84 7.19 2.45	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.12 59.38 59.38 59.38	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94 48.94 48.94	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.80\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 55.11\\ 55.11\\ 0.87\\ 0.15\\ \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ \\ \\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 0.00\\ 57.78\\ 57.78\\ \\ \\ \\ 3.99\\ 2.33\end{array}$	$\begin{array}{c} 7.50\\ 5.54\\ 3.18\\ 1.34\\ 0.70\\ 0.70\\ 50.73\\ 50.73\\ 50.73\\ \end{array}$	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West Regulation West Regulation West Regulation West Regulation West Regulation West 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin Kest 10 Min Spin Kest 10 Min Spin West 10 Min Spin Kest 10 Min Kest 10	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ 62.09 \\ 5.12 \\ 3.45 \\ 0.83 \\ 0$	$17.59 \\ 8.86 \\ 4.26 \\ 2.16 \\ 2.07 \\ 2.07 \\ 71.51 \\ 71.51 \\ 71.51 \\ 13.13 \\ 11.86 \\ 1.40 \\ 0.79 \\ 0.00 \\ 0.00 \\ 71.26 \\ 71.26 \\ 14.30 \\ 11.40 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 3.86 \\ 14.0 \\ 11.0 \\ 10.0$	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 \\ 63.30 \\ 9.86 \\ 9.27 \\ 0.10 \\ 0.10 \\ 0.01 \\ 0$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 58.35 58.35 58.35 7.48 5.16 0.79	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84 59.84 7.19 2.45 3.07	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.12 59.38 59.38 7.35 1.73 6.17	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94 48.94 48.94 1.88 1.19 1.05	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.09\\ 0.70\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 55.11\\ 55.11\\ 0.87\\ 0.15\\ 0.70\\ \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ \\ \\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 57.78\\ 57.78\\ \\ \\ \\ 57.78\\ \\ \\ 3.99\\ 2.33\\ 1.89\\ \end{array}$	$\begin{array}{c} 7.50\\ 5.54\\ 3.18\\ 1.34\\ 0.70\\ 0.70\\ 50.73\\ 50.73\\ 50.73\\ \end{array}$	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 47.11 47.11 1.96 1.90 0.00	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 3.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ 46.22\\ 46.22\\ 3.93\\ 3.05\\ 0.77\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation West Externation West 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 30 Min West Regulation West Regulation West Regulation West Regulation West Regulation West Regulation West 10 Min Spin East 10 Min Spin West 10 Min We	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ 62.09 \\ 62.09 \\ 5.12 \\ 3.45 \\ 0.83 \\ 0.02 \\ 1000 \\ $	$17.59 \\ 8.86 \\ 4.26 \\ 2.16 \\ 2.07 \\ 2.07 \\ 71.51 \\ 71.51 \\ 71.51 \\ 13.13 \\ 11.86 \\ 1.40 \\ 0.79 \\ 0.00 \\ 0.00 \\ 71.26 \\ 71.26 \\ 14.30 \\ 11.40 \\ 3.86 \\ 1.49 \\ 1.49 \\ 1.49 \\ 1.49 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40 \\ 1.40 \\ 3.86 \\ 1.49 \\ 1.40$	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 \\ 63.30 \\ 9.86 \\ 9.27 \\ 0.10 \\ 0.00 \\ 0$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 5.8.35 58.35 58.35 7.48 5.16 0.79 0.13	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84 59.84 59.84 7.19 2.45 3.07 0.01	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.12 59.38 59.38 59.38 7.35 1.73 6.17 0.88	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94 48.94 1.88 1.19 1.05 0.37	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.80\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 55.11\\ 55.11\\ 0.87\\ 0.15\\ 0.70\\ 0.00\\ \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ \\ \\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 57.78\\ 57.78\\ \\ \\ 3.99\\ 2.33\\ 1.89\\ 0.49\\ \end{array}$	7.50 5.54 3.18 1.34 0.70 0.70 50.73 50.73 1.72 1.39 0.00 0.00 0.00 0.00 49.85 49.85 0.83 0.62 0.00 0.00 0.00	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 47.11 47.11 1.96 1.90 0.00 0.00 0.00	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ 46.22\\ 46.22\\ 3.93\\ 3.05\\ 0.77\\ 0.17\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West 10 Min Spin East 10 Min Spin West 30 Min West Regulation East 30 Min West Regulation East Regulation West Regulation West Regulation West 10 Min Spin East 10 Min Spin Kest 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ 62.09 \\ 5.12 \\ 3.45 \\ 0.83 \\ 0.02 \\ 0.00 \\ 0$	$17.59 \\ 8.86 \\ 4.26 \\ 2.16 \\ 2.07 \\ 2.07 \\ 71.51 \\ 71.51 \\ 71.51 \\ 13.13 \\ 11.86 \\ 1.40 \\ 0.79 \\ 0.00 \\ 0.00 \\ 71.26 \\ 71.26 \\ 14.30 \\ 11.40 \\ 3.86 \\ 1.49 \\ 0.00$	$16.98 \\ 9.45 \\ 3.04 \\ 2.16 \\ 2.16 \\ 2.16 \\ 64.19 \\ 64.19 \\ 10.37 \\ 9.83 \\ 0.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 63.30 \\ 63.30 \\ 9.86 \\ 9.27 \\ 0.10 \\ 0.00 \\ 0$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 5.8.35 58.35 58.35 7.48 5.16 0.79 0.13 0.00	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84 59.84 7.19 2.45 3.07 0.01 0.00	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.12 0.12 59.38 59.38 59.38 7.35 1.73 6.17 0.88 0.21	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94 48.94 1.88 1.19 1.05 0.37 0.00	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 55.11\\ 55.11\\ 0.87\\ 0.15\\ 0.70\\ 0.00\\ $	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ \\ \\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 0.00\\ 57.78\\ 57.78\\ \\ \\ 3.99\\ 2.33\\ 1.89\\ 0.49\\ 0.02\\ \end{array}$	$\begin{array}{c} 7.50\\ 5.54\\ 3.18\\ 1.34\\ 0.70\\ 0.70\\ 50.73\\ 50.73\\ 50.73\\ \hline 1.72\\ 1.39\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 49.85\\ 49.85\\ 49.85\\ 0.83\\ 0.62\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \hline \end{array}$	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 47.11 47.11 1.96 1.90 0.00 0.00 0.00 0.00	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 46.34\\ 3.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ 46.22\\ 46.22\\ 46.22\\ 3.93\\ 3.05\\ 0.77\\ 0.17\\ 0.00\\ \end{array}$
2008 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min West Regulation East Regulation West 10 Min Spin East 10 Min Spin West 10 Min Non Synch West 30 Min West Regulation East Regulation East Regulation West Regulation West Regulation West 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min West 30 Min East 30 Min West 30 Min East 30 Min West 30 Min West 30 Min Kon Synch West 30 Min Kon Synch West 30 Min Kon Synch West 30 Min Kon Synch West 30 Min West 30 Min West	$11.76 \\ 8.41 \\ 2.36 \\ 1.81 \\ 1.73 \\ 1.73 \\ 64.81 \\ 64.81 \\ 64.81 \\ 5.22 \\ 3.55 \\ 0.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 62.09 \\ 62.09 \\ 62.09 \\ 5.12 \\ 3.45 \\ 0.83 \\ 0.02 \\ 0.00 \\ $	$17.59 \\ 8.86 \\ 4.26 \\ 2.16 \\ 2.07 \\ 2.07 \\ 71.51 \\ 71.51 \\ 71.51 \\ 13.13 \\ 11.86 \\ 1.40 \\ 0.79 \\ 0.00 \\ 0.00 \\ 71.26 \\ 71.26 \\ 71.26 \\ 14.30 \\ 11.40 \\ 3.86 \\ 1.49 \\ 0.00 \\ 0.0$	$\begin{array}{c} 16.98\\ 9.45\\ 3.04\\ 2.16\\ 2.16\\ 2.16\\ 64.19\\ 64.19\\ 64.19\\ \end{array}$	15.66 6.61 2.46 1.24 1.21 1.21 61.08 61.08 7.80 5.61 0.49 0.12 0.00 0.00 58.35 58.35 58.35 7.48 5.16 0.79 0.13 0.00 0.00	11.07 5.35 2.69 1.14 0.93 0.93 61.80 61.80 61.80 8.34 2.89 3.74 0.04 0.00 0.00 59.84 59.84 7.19 2.45 3.07 0.01 0.00 0.00	8.68 4.97 3.93 1.73 0.61 0.61 66.77 66.77 6.04 1.71 4.62 0.56 0.12 0.12 0.12 59.38 59.38 59.38 7.35 1.73 6.17 0.88 0.21 0.21	7.96 4.96 4.18 2.20 0.57 0.57 60.83 60.83 1.95 1.09 1.05 0.21 0.00 0.00 48.94 48.94 1.88 1.19 1.05 0.37 0.00 0.00	$\begin{array}{c} 6.06\\ 4.72\\ 3.16\\ 1.99\\ 0.54\\ 0.54\\ 58.82\\ 58.82\\ 58.82\\ \hline 0.80\\ 0.09\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 55.11\\ 55.11\\ \hline 0.87\\ 0.15\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \hline \end{array}$	$\begin{array}{c} 6.97\\ 5.33\\ 3.09\\ 1.65\\ 0.62\\ 0.62\\ 58.34\\ 58.34\\ \hline \\ 4.33\\ 2.76\\ 1.56\\ 0.35\\ 0.00\\ 0.00\\ 57.78\\ 57.78\\ \hline \\ 3.99\\ 2.33\\ 1.89\\ 0.49\\ 0.02\\ 0.02\\ 0.02\\ \hline \end{array}$	$\begin{array}{c} 7.50\\ 5.54\\ 3.18\\ 1.34\\ 0.70\\ 0.70\\ 50.73\\ 50.73\\ 50.73\\ \hline 1.72\\ 1.39\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 49.85\\ 49.85\\ 49.85\\ 0.83\\ 0.62\\ 0.00\\ 0.0$	5.57 4.83 2.46 1.74 0.79 0.79 48.94 48.94 1.89 1.80 0.00 0.00 0.00 0.00 47.11 47.11 1.96 1.90 0.00	$\begin{array}{c} 6.14\\ 5.35\\ 2.14\\ 1.51\\ 0.82\\ 0.82\\ 46.34\\ 46.34\\ 46.34\\ 3.34\\ 2.39\\ 0.80\\ 0.17\\ 0.00\\ 0.00\\ 46.22\\ 46.22\\ 46.22\\ 46.22\\ 3.93\\ 3.05\\ 0.77\\ 0.17\\ 0.17\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$



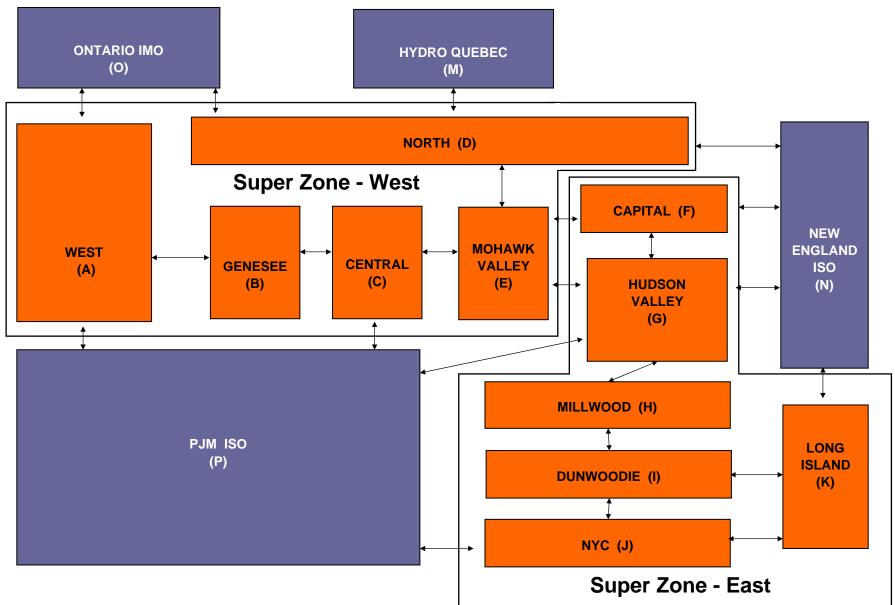




Market Monitoring Prepared 8/7/2009 9:45



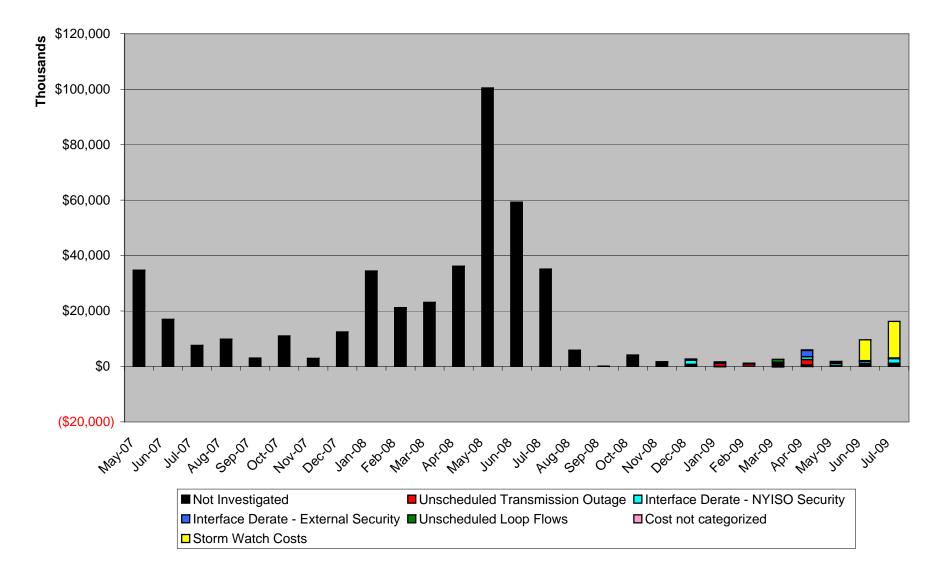
NYISO LBMP ZONES



Billing Codes for Chart 4-C

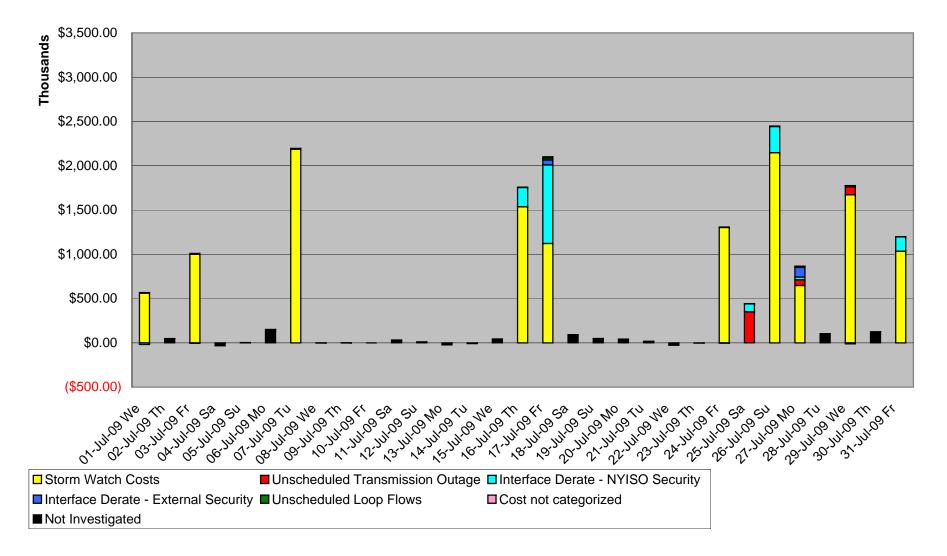
Chart 4-C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee Balancing	81205	Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports
Bid Production Cost Guarantee Balancing	81208	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81209	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee Balancing	81213	Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports
Bid Production Cost Guarantee DAM	81201	DAM NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee DAM	81202	DAM NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee DAM	81206	DAM NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee DAM	81207	DAM NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee DAM Virtual	81501	DAM Virtual Bid Production Cost Guarantee
DAM Contract Balancing	81315	DAM Contract Balancing
DAM Contract Balancing	81317	DAM Contract Balancing
Local Reliability Balancing	81002	Balancing Local Reliability Bid Production Cost Guarantee
Local Reliability Balancing	83901	Margin Restoration (MOB) Revenue
Local Reliability DAM	81001	DAM Local Reliability Bid Production Cost Guarantee
NYISO Cost of Operations	80901	NYISO Cost Of Operations
NYISO Cost of Operations	80902	NYISO Cost Of Operations
NYISO Cost of Operations	83501	NYISO Cost Of Operations
NYISO Cost of Operations	83502	NYISO Cost Of Operations
Residuals Balancing	81302	Balancing Market Energy Residual
Residuals Balancing	81304	Balancing Market Loss Residual
Residuals Balancing	81305	Balancing Market Congestion Balancing
Residuals Balancing	81306	Emergency Energy Purchases
Residuals Balancing	81307	Emergency Energy Sales
Residuals Balancing	81309	Balancing Market Energy Residual
Residuals Balancing	81311	Balancing Market Loss Residual
Residuals Balancing	81312	Balancing Market Congestion Balancing
Residuals Balancing	81313	Emergency Energy Purchases
Residuals Balancing	81314	Emergency Energy Sales
Residuals DAM	81301	Day Ahead Market Energy Residual
Residuals DAM	81303	Day Ahead Market Loss Residual
Residuals DAM	81308	Day Ahead Market Energy Residual
Residuals DAM	81310	Day Ahead Market Loss Residual

Investigation of Balancing Market Congestion Residual Monthly Uplift Cost Categorized



Prepared by NYISO Operations Analysis and Services, based on settlements data as of August 10.

July 2009 Investigation of Balancing Market Congestion Residual Uplift Cost Categorized



Prepared by NYISO Operations Analysis and Services, based on settlements data as of August 10.

			, 17, 24, 25, 26, 27, 29, 31
/ent	Date (yyyymn		Description
	20090701		Thunderstorm Alert
	20090701		Uprate Mott Haven-Rainey 345kV (#Q11) for I/o Mott Haven-Rainey 345kV (#Q12)
	20090703		Thunderstorm Alert
	20090703	-	Derate Central East
	20090707	,	Thunderstorm Alert
	20090716	17-21	Thunderstorm Alert
			Derate Greenwood/Staten Island, Greenwood-Vernon 138kV (#31231) for I/o Greenwood-Kent Ave 138kV
	20090716		(#31232)
	20090717	14-23	Thunderstorm Alert
	20090717	,	Derate Central East
	20090717		Derate Goethals-Gowanus 345kV (#26)
		13-17,	Derate Greenwood/Staten Island, Willowbrook-Freshkills 138kV (#29211) and Gowanus-Greenwood 138kV
	20090717	20-23	(#42231 & #42232)
	20090717		HQ DNI Ramp Limit
	20090717	22	Lake Erie clockwise circulation, DAM-RTM exceeds 500MW: Central East
	20090724		Thunderstorm Alert
	20090724		Forced outage Sprainbrook-East Garden City 345kV (#Y49)
	20090725	0-2, 6-19	Forced outage Sprainbrook-East Garden City 345kV (#Y49)
	20090725		NYCA DNI Ramp Limit
	20090725		Derate Leeds-New Scotland 345kV (#93) for I/o New Scotland-Leeds 345kV (#94-LN)
	20090725	16-18	Derate Pleasant Valley/Leeds 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)
	20090726	16-23	Thunderstorm Alert
	20090726	17	Derate Vernon/Greenwood, Gowanus S PAR (#R14) for I/o Goethals twr (#21 & #22)
	20090727	0, 14-19	Thunderstorm Alert
	20090727	14	Forced outage Northport-Elwood 138kV (#678)
	20090727	12-13	Derate Leeds-New Scotland 345kV (#93) for I/o New Scotland-Leeds 345kV (#94-LN)
	20090727	15	HQ-NY Scheduling Limit
	20090729	13-18, 20-23	Thunderstorm Alert
	20090729	16	Forced outage Branchburg-Ramapo 500kV (#5018)
	20090729	6-8	Uprate Astoria East/Corona/Jamaica, East 179th St-Harlem River 138kV (#15053)
	20090729	11, 13, 17	Derate Astoria West/Queens Bridge/Vernon, Rainey-Vernon 138kV (#36312)
	20090729		Uprate Mott Haven-Rainey 345kV (#Q11) for I/o Mott Haven-Rainey 345kV (#Q12)
	20090729		NYCA DNI Ramp Limit
	20090729		ISONE DNI Ramp Limit
	20090731	14-16	Thunderstorm Alert
	20090731	12-13, 15-17	Derate Greenwood/Staten Island

Real-Time Balancing Market Congestion Residual (Uplift Cost) Categories

<u>Category</u> Storm Watch	<u>Cost Assignment</u> Zone J	<u>Events Types</u> Thunderstorm Alert (TSA)	<u>Event Examples</u> TSA Activations
Unscheduled Transmission Outage	Market-wide	Reduction in DAM to RTM transfers related to unscheduled transmission outage	Forced Line Outage, Unit/AVR Outages
Interface Derate - NYISO Security	Market-wide	Reduction in DAM to RTM transfers not related to transmission outage	Interface Derates due to RTM voltages
Interface Derate - External Security	Market-wide	Reduction in DAM to RTM transfers related to External Control Area Security Events	TLR Events, External Transaction Curtailments
Unscheduled Loop Flows	Market-wide	Changes in DAM to RTM unscheduled loop flows impacting NYISO Interface transmission constraints	DAM to RTM Clockwise Lake Erie Loop Flows greater than 500MW

Monthly Balancing Market Congestion Report Assumptions/Notes

1) Storm Watch Costs are identified as daily total uplift costs

2) At a minimum those days with \$100 K/HR or \$200 K/Day or more are investigated

3) Uplift costs associated with multiple event types are apportioned equally by hour

4) Investigations began with Dec 2008. Prior months are reported as Not Investigated.