

Monthly Report

December 2010

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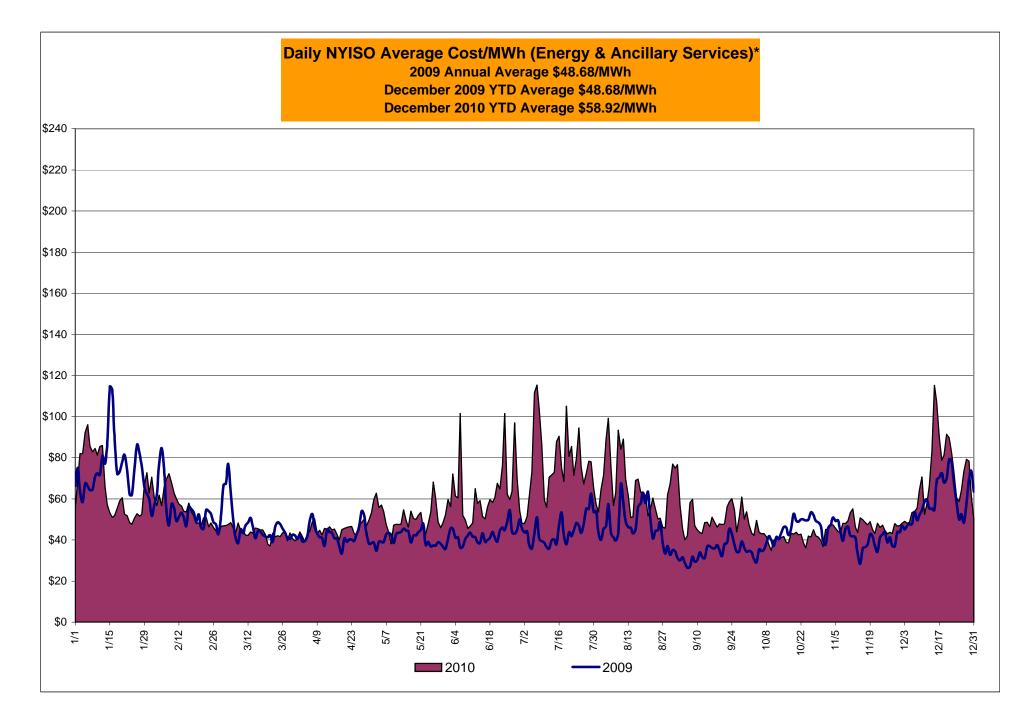


Market Performance Highlights for December 2010

- LBMP for December is \$67.32/MWh, up from \$44.96/MWh in November 2010.
 - Average monthly cost is \$69.54/MWh, up from \$46.89/MWh in November 2010.
 - Day Ahead and Real Time LBMPs have increased from November 2010.
- Average daily sendout is 453GWh/day in December, up from 405GWh/day in November 2010 and slightly higher than the December 2009 sendout of 447GWh/day.

• Fuel Prices are up compared to last month.

- Kerosene is \$18.91/MMBtu, up from \$17.77/MMBtu in November.
- No. 2 Fuel Oil is \$17.56/MMBtu, up from \$16.51/MBtu in November.
- No. 6 Fuel Oil is \$14.76/MMBtu, up from \$13.55/MMBtu in November.
- Natural Gas is \$9.19/MMBtu, up from \$4.1/MMBtu in November.
- Uplift per MWh is higher than the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.10)/MWh, up from (\$0.24)/ MWh in November:
 - The TSA Share is \$0.00/MWh
 - The Local Reliability Share is (\$0.08)/MWh
 - The Other Share is (\$0.02)/MWh
 - Total uplift (Schedule 1 components including NYISO Cost of Operations) is higher than in November.



* Excludes ICAP payments.

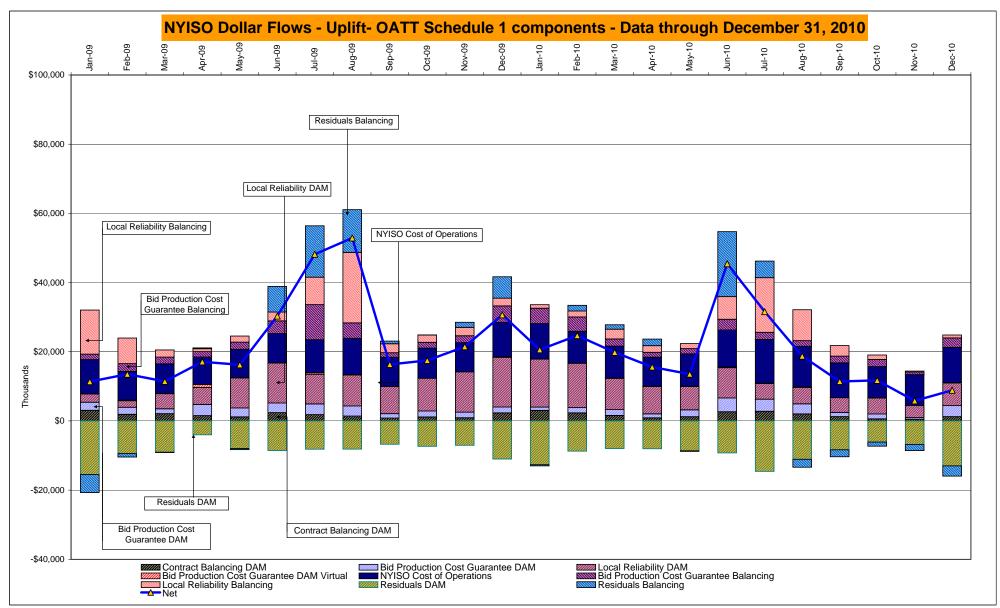
Market Mitigation and Analysis Prepared: 1/10/2011 12:58 PM

2010	January	<u>February</u>	March	April	May	June	<u>July</u>	August	<u>September</u>	October	November	December
LBMP	63.90	52.42	40.18	41.57	48.83	59.12	74.84	65.00	51.32	39.29	44.96	67.32
NTAC	0.70	0.77	0.88	1.18	0.95	1.45	0.95	0.60	0.30	0.45	0.64	0.59
Reserve	0.19	0.17	0.26	0.29	0.32	0.14	0.21	0.18	0.21	0.32	0.25	0.40
Regulation	0.44	0.37	0.40	0.32	0.30	0.31	0.32	0.35	0.27	0.16	0.14	0.16
NYISO Cost of Operations	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
Uplift	0.73	1.21	0.81	0.62	0.32	2.37	1.09	0.43	0.11	0.21	(0.24)	(0.10)
Uplift: TSA Share	-	-	-	-	0.03	0.69	0.30	0.02	0.04	-	-	-
Uplift: Local Reliability Share	0.53	0.71	0.48	0.39	0.19	0.80	0.70	0.31	0.07	0.11	(0.16)	(0.08)
Uplift: Other Share	0.20	0.50	0.33	0.23	0.10	0.88	0.09	0.09	-	0.10	(0.08)	(0.02)
Voltage Support and Black Start	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Avg Monthly Cost	67.11	56.09	43.70	45.13	51.87	64.55	78.57	67.70	53.37	41.58	46.89	69.54
Avg YTD Cost	67.11	62.03	56.28	53.62	53.27	55.48	60.15	61.29	60.43	58.89	57.99	58.92
2009	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
2009 LBMP	<u>January</u> 73.30	<u>February</u> 52.75	<u>March</u> 45.64	<u>April</u> 39.66	<u>May</u> 37.83	<u>June</u> 39.01	<u>July</u> 40.68	<u>August</u> 43.65	<u>September</u> 31.74	<u>October</u> 39.74	<u>November</u> 37.87	<u>December</u> 55.64
							-	-	-			
LBMP	73.30	52.75	45.64	39.66	37.83	39.01	40.68	43.65	31.74	39.74	37.87	55.64
LBMP NTAC Reserve Regulation	73.30 0.45	52.75 0.53	45.64 0.36	39.66 0.87	37.83 0.58	39.01 0.77	40.68 0.63	43.65 0.61	31.74 0.62	39.74 0.65	37.87 0.81	55.64 0.76
LBMP NTAC Reserve	73.30 0.45 0.26	52.75 0.53 0.35	45.64 0.36 0.31	39.66 0.87 0.24	37.83 0.58 0.30	39.01 0.77 0.23	40.68 0.63 0.24	43.65 0.61 0.16	31.74 0.62 0.24	39.74 0.65 0.26	37.87 0.81 0.20	55.64 0.76 0.21
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift	73.30 0.45 0.26 0.45	52.75 0.53 0.35 0.48	45.64 0.36 0.31 0.55	39.66 0.87 0.24 0.37	37.83 0.58 0.30 0.31 0.65 0.63	39.01 0.77 0.23 0.37	40.68 0.63 0.24 0.29	43.65 0.61 0.16 0.24 0.65 2.74	31.74 0.62 0.24 0.32 0.65 0.62	39.74 0.65 0.26 0.44	37.87 0.81 0.20 0.38	55.64 0.76 0.21 0.42
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41	45.64 0.36 0.31 0.55 0.65 0.21 0.00	39.66 0.87 0.24 0.37 0.65 0.67 0.02	37.83 0.58 0.30 0.31 0.65 0.63 0.01	39.01 0.77 0.23 0.37 0.65	40.68 0.63 0.24 0.29 0.65 2.66 0.84	43.65 0.61 0.24 0.65 2.74 0.81	31.74 0.62 0.24 0.32 0.65 0.62 0.05	39.74 0.65 0.26 0.44 0.69 0.70 (0.05)	37.87 0.81 0.20 0.38 0.69 1.07 (0.03)	55.64 0.76 0.21 0.42 0.69 1.43 (0.02)
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12	39.66 0.87 0.24 0.37 0.65 0.67 0.02 0.22	37.83 0.58 0.30 0.31 0.65 0.63 0.01 0.40	39.01 0.77 0.23 0.37 0.65 1.71 0.48 0.80	40.68 0.63 0.24 0.29 0.65 2.66 0.84 0.96	43.65 0.61 0.24 0.65 2.74 0.81 1.55	31.74 0.62 0.24 0.32 0.65 0.62 0.05 0.40	39.74 0.65 0.26 0.44 0.69 0.70 (0.05) 0.45	37.87 0.81 0.20 0.38 0.69 1.07 (0.03) 0.70	55.64 0.76 0.21 0.42 0.69 1.43 (0.02) 0.77
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share	73.30 0.45 0.26 0.45 0.65 0.11 - 0.15 (0.04)	52.75 0.53 0.35 0.48 0.65 0.41 - 0.28 0.13	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12 0.09	39.66 0.87 0.24 0.37 0.65 0.67 0.02 0.22 0.43	37.83 0.58 0.30 0.31 0.65 0.63 0.01 0.40 0.22	39.01 0.77 0.23 0.37 0.65 1.71 0.48 0.80 0.43	40.68 0.63 0.24 0.29 0.65 2.66 0.84 0.96 0.86	43.65 0.61 0.24 0.65 2.74 0.81 1.55 0.38	31.74 0.62 0.24 0.32 0.65 0.62 0.05 0.40 0.17	39.74 0.65 0.26 0.44 0.69 0.70 (0.05) 0.45 0.30	37.87 0.81 0.20 0.38 0.69 1.07 (0.03) 0.70 0.40	55.64 0.76 0.21 0.42 0.69 1.43 (0.02) 0.77 0.68
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12	39.66 0.87 0.24 0.37 0.65 0.67 0.02 0.22	37.83 0.58 0.30 0.31 0.65 0.63 0.01 0.40	39.01 0.77 0.23 0.37 0.65 1.71 0.48 0.80	40.68 0.63 0.24 0.29 0.65 2.66 0.84 0.96	43.65 0.61 0.24 0.65 2.74 0.81 1.55	31.74 0.62 0.24 0.32 0.65 0.62 0.05 0.40	39.74 0.65 0.26 0.44 0.69 0.70 (0.05) 0.45	37.87 0.81 0.20 0.38 0.69 1.07 (0.03) 0.70	55.64 0.76 0.21 0.42 0.69 1.43 (0.02) 0.77
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share	73.30 0.45 0.26 0.45 0.65 0.11 - 0.15 (0.04)	52.75 0.53 0.35 0.48 0.65 0.41 - 0.28 0.13	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12 0.09	39.66 0.87 0.24 0.37 0.65 0.67 0.02 0.22 0.43	37.83 0.58 0.30 0.31 0.65 0.63 0.01 0.40 0.22	39.01 0.77 0.23 0.37 0.65 1.71 0.48 0.80 0.43	40.68 0.63 0.24 0.29 0.65 2.66 0.84 0.96 0.86	43.65 0.61 0.24 0.65 2.74 0.81 1.55 0.38	31.74 0.62 0.24 0.32 0.65 0.62 0.05 0.40 0.17	39.74 0.65 0.26 0.44 0.69 0.70 (0.05) 0.45 0.30	37.87 0.81 0.20 0.38 0.69 1.07 (0.03) 0.70 0.40	55.64 0.76 0.21 0.42 0.69 1.43 (0.02) 0.77 0.68

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

* Excludes ICAP payments.

These numbers reflect the true-ups thru January 2011.



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>2010</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	December
Day Ahead Market MWh	14,034,781	12,593,305	12,922,930	11,769,468	12,795,110	14,263,543	16,608,041	15,536,711	13,386,982	12,377,928	12,151,670	13,790,802
DAM LSE Internal LBMP Energy Sales	49%	46%	47%	53%	47%	49%	53%	51%	47%	43%	45%	46%
DAM External TC LBMP Energy Sales	2%	3%	1%	1%	1%	2%	3%	2%	3%	4%	2%	2%
DAM Bilateral - Internal Bilaterals	41%	43%	43%	39%	44%	42%	38%	40%	43%	45%	46%	45%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	6%	5%	5%	4%	5%	5%	4%	4%	5%	6%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	2%	2%	1%	1%	1%	1%	2%	2%	1%
DAM Bilateral - Wheel Through Bilaterals	2%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%
Balancing Energy Market MWh	377,241	287,393	29,273	-358	341,917	735,317	1,162,369	899,856	698,556	300,222	393,026	530,661
Balancing Energy LSE Internal LBMP Energy Sales	40%	54%	-280%	-25177%	61%	87%	94%	75%	76%	74%	57%	56%
Balancing Energy External TC LBMP Energy Sales	56%	49%	429%	30394%	44%	11%	9%	26%	23%	25%	30%	32%
Balancing Energy Bilateral - Internal Bilaterals	10%	7%	137%	12155%	7%	10%	3%	4%	4%	5%	5%	10%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	2%	63%	1%	0%	0%	0%	1%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%	84%	6409%	6%	3%	1%	2%	3%	8%	7%	3%
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%	-272%	-23944%	-19%	-10%	-7%	-7%	-6%	-12%	0%	-1%
Transactions Summary												
LBMP	52%	50%	49%	54%	50%	54%	59%	56%	53%	48%	48%	49%
Internal Bilaterals	40%	43%	43%	39%	43%	40%	36%	38%	41%	44%	45%	43%
Import Bilaterals	5%	5%	5%	4%	5%	5%	4%	4%	5%	6%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	2%
Wheels Through	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
Market Share of Total Load	.,.		.,,	.,.		• / •	- , -			• / •	•,•	
Day Ahead Market	97.4%	97.8%	99.8%	100.0%	97.4%	95.1%	93.5%	94.5%	95.0%	97.6%	96.9%	96.3%
Balancing Energy +	2.6%	2.2%	0.2%	0.0%	2.6%	4.9%	6.5%	5.5%	5.0%	2.4%	3.1%	3.7%
Total MWH	14,412,023	12,880,698	12,952,203		13,137,026	14,998,860		16,436,568				
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514	451	393	405	453
			-			-		_	_			
2009	January	February	March	<u>April</u>	May	June	July	<u>August</u>	September	October	November	December
2009	January	rebiuary	Indicit	April	iviay			-			NUVEINDEL	
Day Abaad Market MWb	14 570 201	10 511 000	10 100 010	10 101 505	10 004 040	10 150 000			40 764 647	10 005 501	10 110 000	11010001
Day Ahead Market MWh	14,570,391	12,511,009	13,160,913	12,121,505	12,324,218	13,159,069	14,549,784	15,547,976	12,761,517		12,446,286	14,046,621
DAM LSE Internal LBMP Energy Sales	45%	44%	46%	47%	43%	48%	51%	53%	53%	50%	47%	46%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	45% 4%	44% 2%	46% 1%	47% 1%	43% 2%	48% 2%	51% 1%	53% 1%	53% 1%	50% 1%	47% 2%	46% 3%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	45% 4% 45%	44% 2% 47%	46% 1% 45%	47% 1% 45%	43% 2% 48%	48% 2% 43%	51% 1% 42%	53% 1% 40%	53% 1% 39%	50% 1% 43%	47% 2% 44%	46% 3% 43%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals	45% 4% 45% 4%	44% 2% 47% 5%	46% 1% 45% 5%	47% 1% 45% 5%	43% 2% 48% 5%	48% 2% 43% 5%	51% 1% 42% 5%	53% 1% 40% 5%	53% 1% 39% 5%	50% 1% 43% 4%	47% 2% 44% 5%	46% 3% 43% 5%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	45% 4% 45% 4% 2%	44% 2% 47% 5% 2%	46% 1% 45% 5% 2%	47% 1% 45% 5% 2%	43% 2% 48% 5% 2%	48% 2% 43% 5% 1%	51% 1% 42% 5% 1%	53% 1% 40% 5% 1%	53% 1% 39% 5% 1%	50% 1% 43% 4% 2%	47% 2% 44% 5% 2%	46% 3% 43% 5% 1%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	45% 4% 45% 4% 2% 0%	44% 2% 47% 5% 2% 0%	46% 1% 45% 5% 2% 0%	47% 1% 45% 5% 2% 0%	43% 2% 48% 5% 2% 1%	48% 2% 43% 5% 1%	51% 1% 42% 5% 1% 1%	53% 1% 40% 5% 1%	53% 1% 39% 5% 1% 1%	50% 1% 43% 4% 2% 1%	47% 2% 44% 5% 2% 1%	46% 3% 43% 5% 1%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	45% 4% 45% 4% 2% 0% 699,813	44% 2% 47% 5% 2% 0% 282,553	46% 1% 45% 5% 2% 0% 70,320	47% 1% 45% 5% 2% 0% 152,623	43% 2% 48% 5% 2% 1% 272,508	48% 2% 43% 5% 1% -115,653	51% 1% 42% 5% 1% 1% 131,797	53% 1% 40% 5% 1% 1% 560,968	53% 1% 39% 5% 1% 1% 170,324	50% 1% 43% 4% 2% 1% 238,124	47% 2% 44% 5% 2% 1% -165,015	46% 3% 43% 5% 1% 431,981
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DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	45% 4% 45% 2% 0% 699,813 56% 38% 8%	44% 2% 47% 5% 2% 0% 282,553 39% 46% 19%	46% 1% 45% 2% 0% 70,320 -111% 150% 68%	47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20%	43% 2% 48% 5% 2% 1% 272,508 28% 74% 10%	48% 2% 43% 5% 1% -115,653 -247% 141% 23%	51% 1% 42% 5% 1% 131,797 -99% 140% 53%	53% 1% 40% 5% 1% 1% 560,968 65% 29% 6%	53% 1% 39% 5% 1% 1% 170,324 7% 76% 18%	50% 1% 43% 2% 2% 238,124 54% 53% 0%	47% 2% 44% 5% 2% -165,015 -165,015 -124% 55% 6%	46% 3% 43% 5% 1% 1% 431,981 49% 46% 7%
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DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importi/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral S Balancing Bilaterals Balancing Bilaterals	45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 2% 0%	44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0%	47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0%	43% 2% 48% 5% 2% 272,508 272,508 28% 74% 10% 0% 4% -15% 46% 47% 5% 2% 0%	48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1% 0%	51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 55% 1% 1%	53% 1% 40% 5% 1% 560,968 65% 29% 6% 0% 29% 6% 0% 2% -2% 55% 38% 55% 1%	53% 1% 39% 5% 1% 170,324 76% 18% 0% 8% -8% 55% 38% 55% 38% 5% 1%	50% 1% 43% 4% 2% 238,124 54% 53% 0% 0% 9% -16% 52% 42% 42% 42% 2% 1%	47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2% 0%	46% 3% 43% 5% 1% 1% 431,981 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	45% 4% 45% 2% 0% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 2% 0%	44% 2% 47% 5% 2% 0% 282,553 39% 46% 46% 5% -10% 47% 46% 5% 2% 0% 0%	46% 1% 45% 2% 0% -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0%	47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0% 98.8%	43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15% 46% 47% 5% 2% 0%	48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 0% 100.9%	51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 51% 42% 51% 1% 1%	53% 1% 40% 5% 1% 560,968 65% 29% 6% 0% 22% -2% 55% 38% 55% 38% 1% 1% 1%	53% 1% 39% 5% 1% 170,324 7% 76% 76% 76% 18% 0% 8% -8% 55% 38% 55% 38% 55% 1% 1% 1%	50% 1% 43% 2% 2% 238,124 54% 0% 0% 9% -16% 52% 42% 42% 42% 42% 1% 2% 1%	47% 2% 44% 5% 2% -165,015 -124% 6% 6% 0% 14% -50% 48% 45% 2% 0% 0%	46% 3% 43% 5% 1% 1% 431,981 49% 431,981 49% 46% 7% 0% 8% -10% 50%

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

* 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.

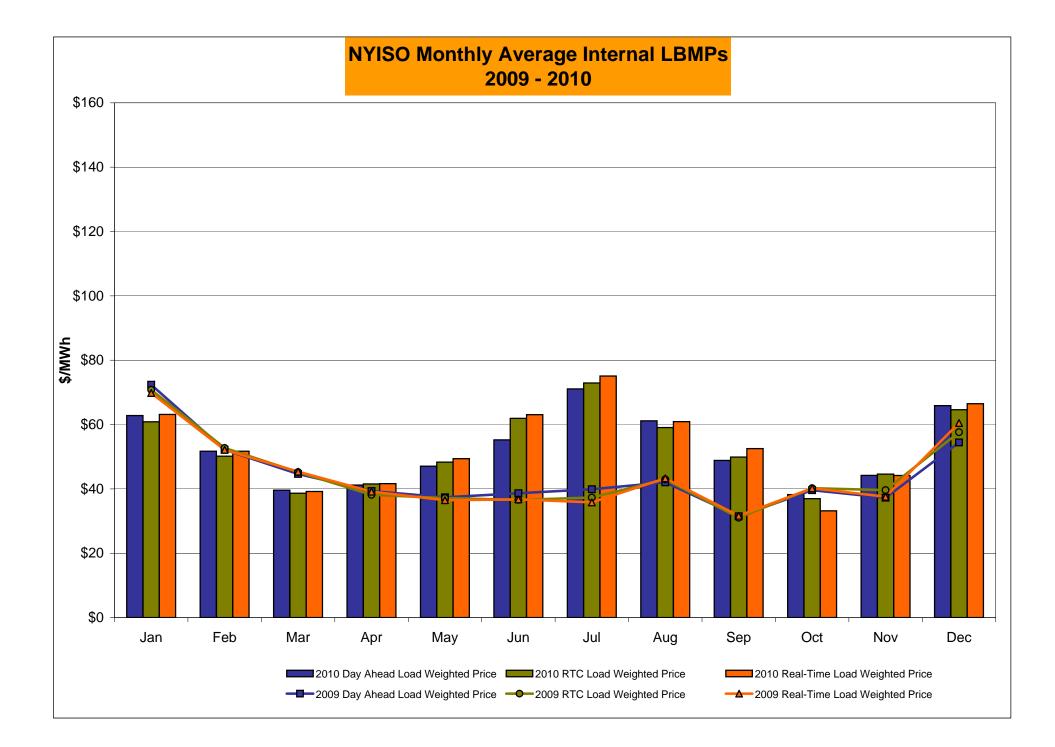
NYISO Markets 2010 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	June	July	August	<u>September</u>	<u>October</u>	November [December
DAY AHEAD LBMP												
Price *	\$60.96	\$50.47	\$38.69	\$40.13	\$45.29	\$52.71	\$66.67	\$57.80	\$46.64	\$37.10	\$43.31	\$63.69
Standard Deviation	\$20.86	\$13.07	\$7.78	\$8.09	\$11.45	\$16.14	\$28.01	\$21.60	\$13.36	\$8.27	\$7.59	\$22.45
Load Weighted Price **	\$62.80	\$51.71	\$39.60	\$41.18	\$47.04	\$55.22	\$71.08	\$61.16	\$48.85	\$38.21	\$44.20	\$65.87
RTC LBMP												
Price *	\$59.32	\$49.38	\$37.94	\$40.58	\$46.70	\$58.69	\$68.36	\$55.78	\$47.79	\$35.78	\$43.67	\$62.82
Standard Deviation	\$33.92	\$24.97	\$14.48	\$13.84	\$21.47	\$58.47	\$51.68	\$48.01	\$21.55	\$21.49	\$17.26	\$35.62
Load Weighted Price **	\$60.85	\$50.16	\$38.64	\$41.54	\$48.31	\$61.91	\$72.92	\$59.07	\$49.88	\$36.95	\$44.59	\$64.61
REAL TIME LBMP												
Price *	\$60.40	\$50.45	\$38.09	\$40.49	\$47.17	\$58.49	\$69.42	\$56.28	\$49.38	\$34.57	\$43.04	\$64.06
Standard Deviation	\$42.06	\$30.38	\$19.24	\$17.00	\$28.15	\$56.05	\$56.60	\$41.46	\$32.03	\$27.89	\$16.63	\$44.71
Load Weighted Price **	\$63.13	\$51.69	\$39.19	\$41.62	\$49.38	\$63.06	\$75.08	\$60.89	\$52.51	\$36.23	\$44.16	\$66.48
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514	451	393	405	453

NYISO Markets 2009 Energy Statistics

	<u>January</u>	<u>February</u>	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
DAY AHEAD LBMP	* =0 =0	* =0.00	• • • • • •	* ***	* ***	• •• • ••	* - -	* ~~ ~~	* ~~~~	* ~~~~	* ~~~~~	* =0.00
Price *	\$70.53	\$50.89	\$43.34	\$38.19	\$36.13	\$37.01	\$37.93	\$39.80	\$30.27	\$38.35	\$36.20	\$52.90
Standard Deviation	\$19.46	\$13.06	\$12.24	\$9.26	\$8.91	\$10.07	\$11.53	\$13.37	\$8.77	\$11.41	\$8.92	\$15.12
Load Weighted Price **	\$72.36	\$52.15	\$44.64	\$39.31	\$37.38	\$38.64	\$39.88	\$42.03	\$31.48	\$39.59	\$37.25	\$54.44
RTC LBMP												
Price *	\$69.26	\$51.46	\$43.88	\$37.06	\$36.18	\$35.15	\$35.97	\$40.81	\$30.04	\$38.87	\$38.70	\$56.09
Standard Deviation	\$23.37	\$21.26	\$20.38	\$15.20	\$12.48	\$20.07	\$17.38	\$23.89	\$12.77	\$24.97	\$18.60	\$35.17
Load Weighted Price **	\$70.80	\$52.72	\$45.21	\$38.14	\$37.16	\$36.57	\$37.29	\$42.97	\$31.04	\$40.22	\$39.62	\$57.62
REAL TIME LBMP												
Price *	\$68.14	\$50.62	\$43.73	\$37.72	\$35.11	\$34.92	\$34.13	\$40.40	\$30.36	\$38.46	\$36.43	\$57.99
Standard Deviation	\$23.66	\$20.30	\$22.27	\$20.84	\$19.81	\$29.81	\$23.16	\$25.84	\$16.66	\$28.61	\$17.84	\$40.84
Load Weighted Price **	\$69.80	\$52.14	\$45.36	\$39.13	\$36.48	\$36.73	\$35.82	\$43.29	\$31.66	\$40.19	\$37.57	\$60.47
Average Daily Energy Sendout/Month GWh	470	447	422	400	396	427	469	511	425	400	401	447

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

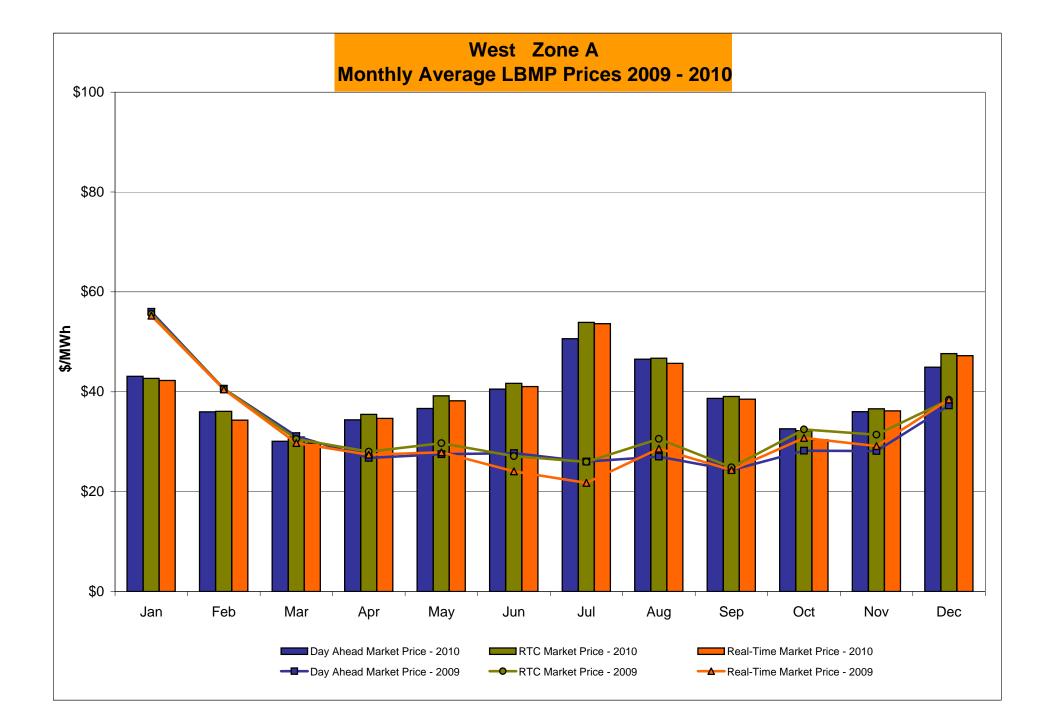


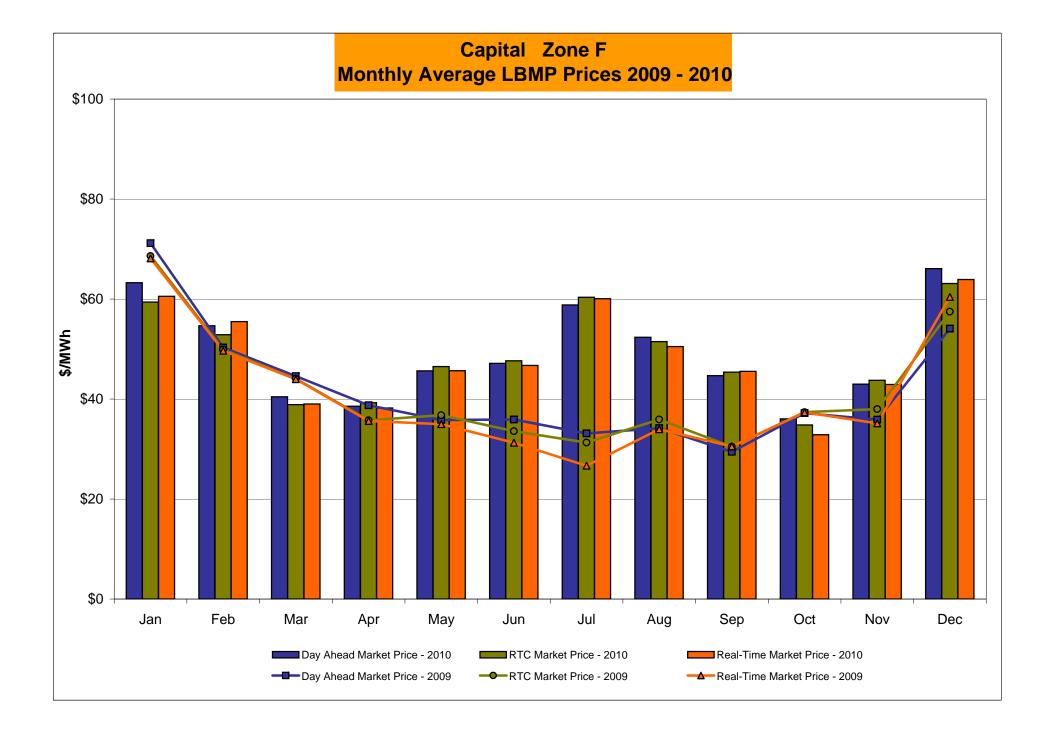
December 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

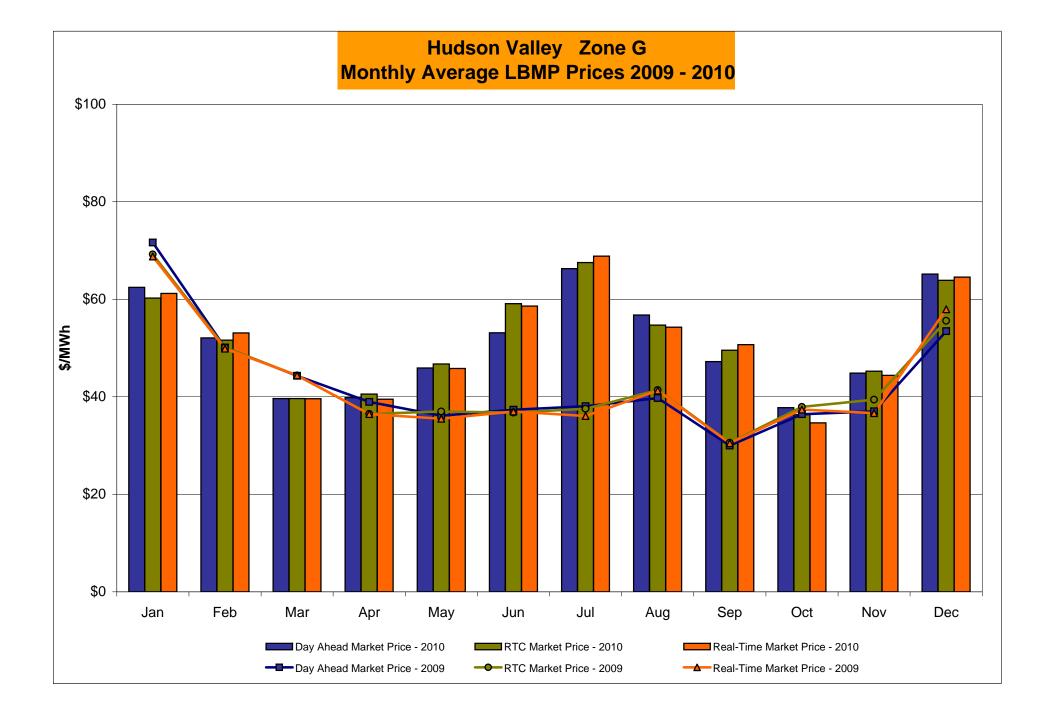
	WEST <u>Zone A</u>	GENESEE Zone B	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE <u>Zone I</u>	NEW YORK CITY <u>Zone J</u>	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP Unweighted Price *	44.91	49.25	49.38	50.91	53.12	66.07	65.17	65.29	65.32	71.79	77.55
0	-									-	
Standard Deviation	13.60	12.78	12.95	13.43	14.27	26.68	23.30	23.57	23.49	28.94	32.76
RTC LBMP											
Unweighted Price *	47.64	52.00	51.68	53.76	55.75	63.10	63.91	64.02	64.03	67.52	77.83
Standard Deviation	29.52	30.71	31.43	31.70	33.04	37.46	36.92	37.08	37.04	39.21	47.47
REAL TIME LBMP											
Unweighted Price *	47.23	51.39	50.92	53.18	55.13	63.89	64.57	64.74	64.75	70.49	81.21
Standard Deviation	34.71	36.17	36.52	37.49	39.07	48.78	46.71	47.07	46.99	53.74	60.56

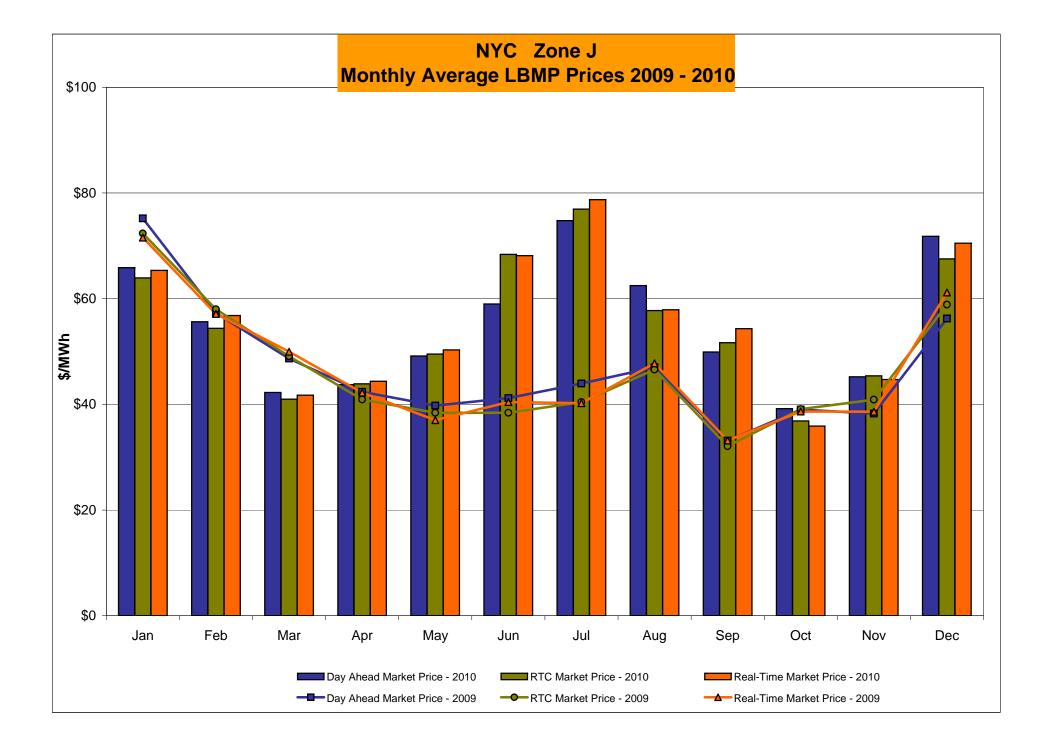
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	Dennison
	Zone O	Zone M	Zone M	Zone P	Zone N	Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
DAY AHEAD LBMP	<u>2011e O</u>	Zone m	Zone m	201101	Zone N	LIIIC		Line	Line	
Unweighted Price *	46.55	49.35	49.16	58.09	65.07	75.91	74.55	75.14	63.39	48.85
Standard Deviation	11.30	12.58	12.53	19.53	24.58	31.76	31.20	31.42	21.07	12.48
RTC LBMP										
Unweighted Price *	43.72	36.46	35.88	53.82	56.82	72.17	71.19	70.98	57.97	45.62
Standard Deviation	14.29	105.32	105.24	18.45	19.71	35.72	34.98	34.60	21.33	17.27
REAL TIME LBMP										
Unweighted Price *	46.67	48.46	47.77	54.57	61.14	76.61	75.70	75.74	63.13	48.86
Standard Deviation	28.27	31.34	31.10	33.75	39.09	53.45	52.83	52.62	41.24	31.24

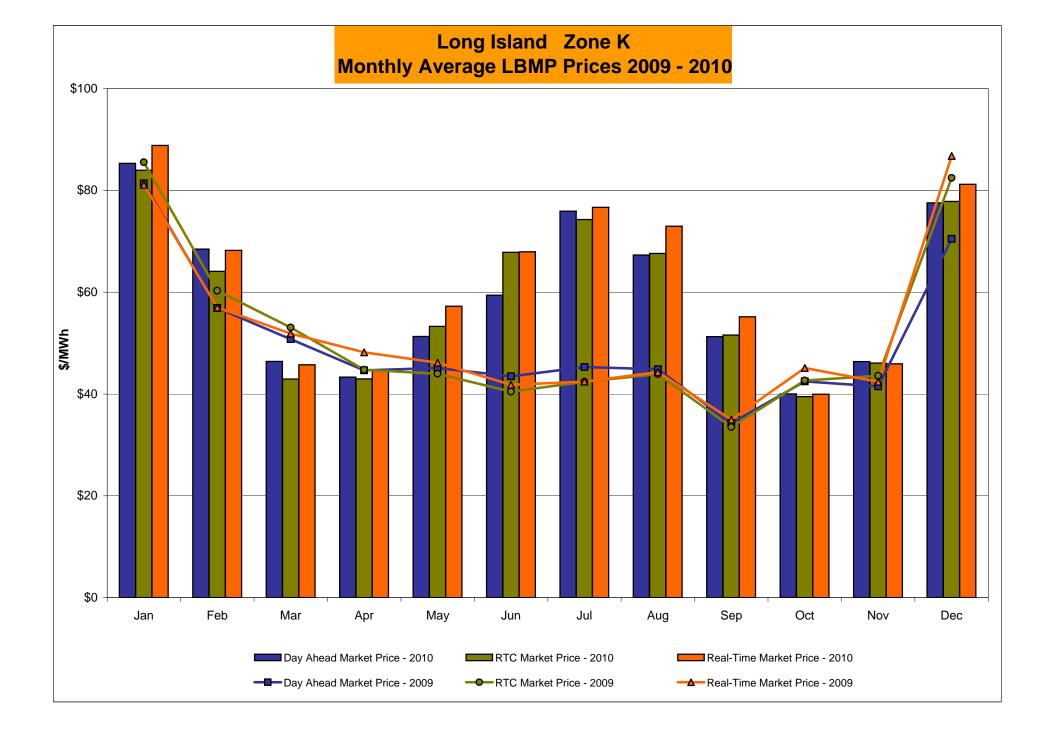
* Straight LBMP averages

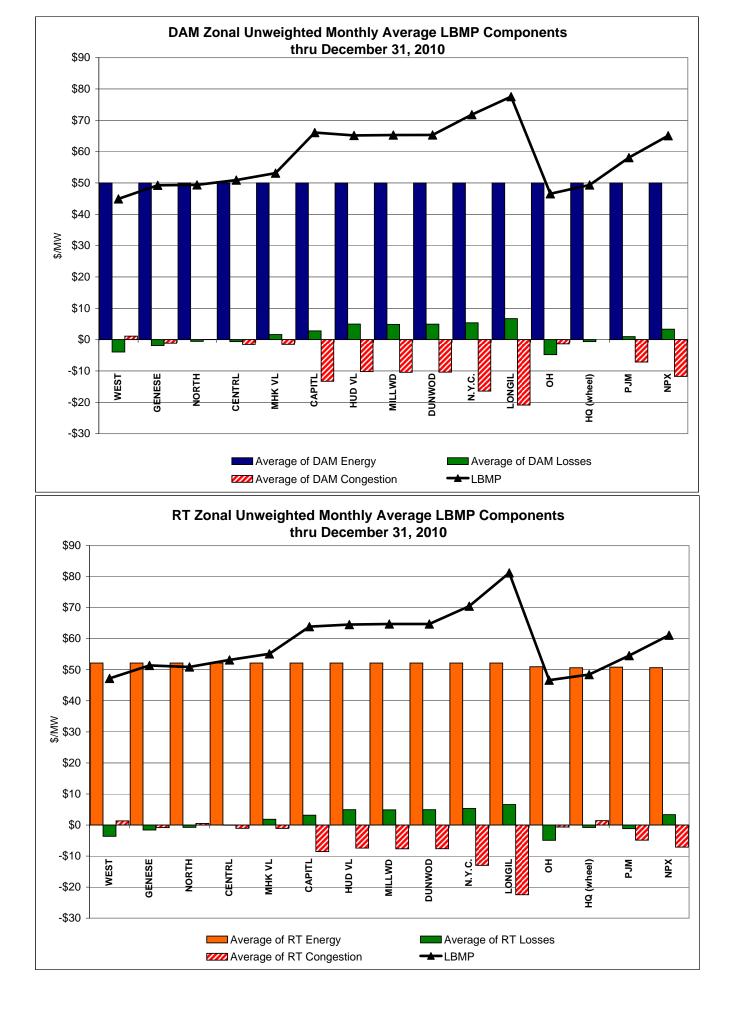






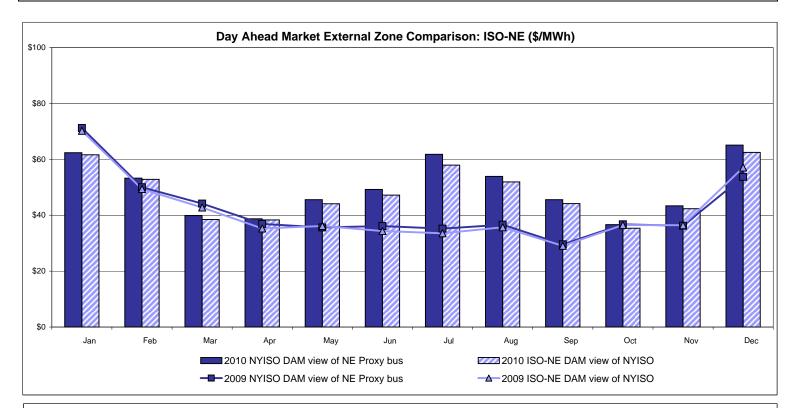


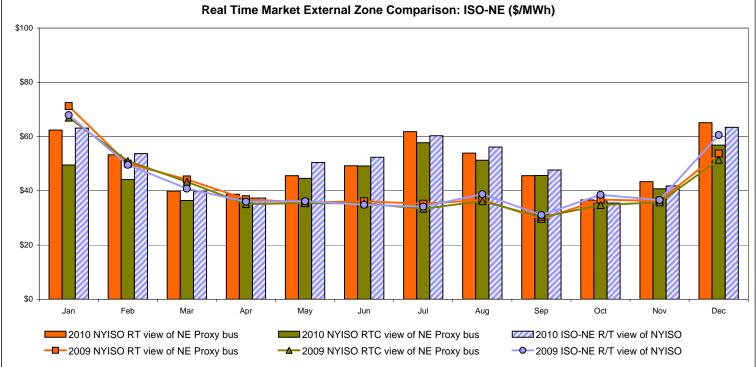




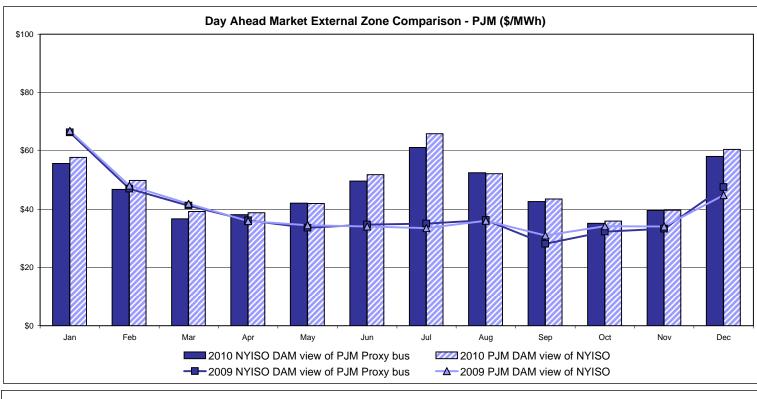
Market Mitigation and Analysis Prepared:1/11/2011 9:30 AM

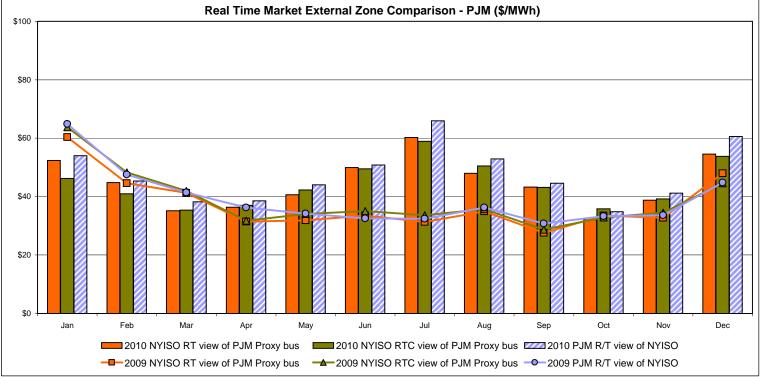
External Comparison ISO-New England



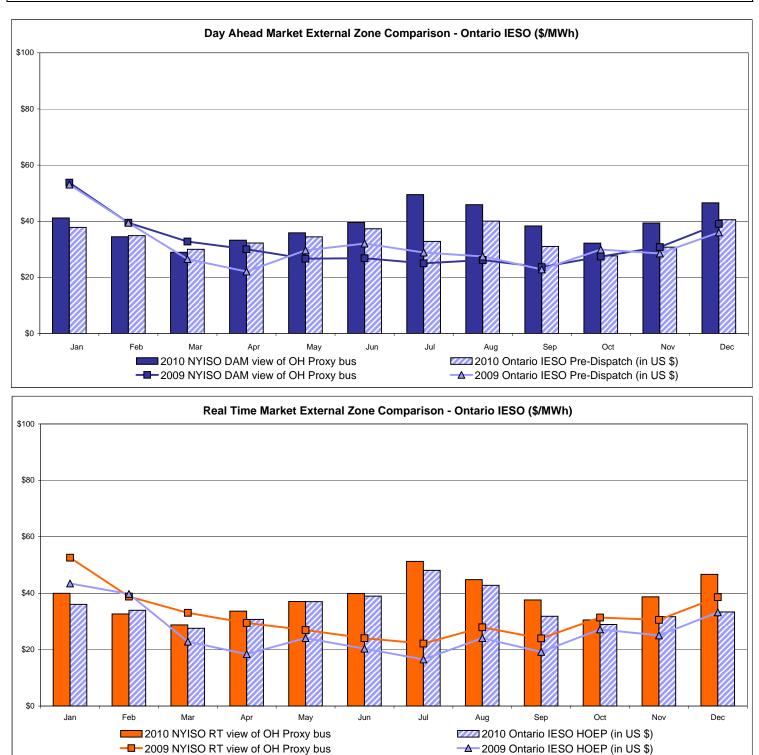


External Comparison PJM

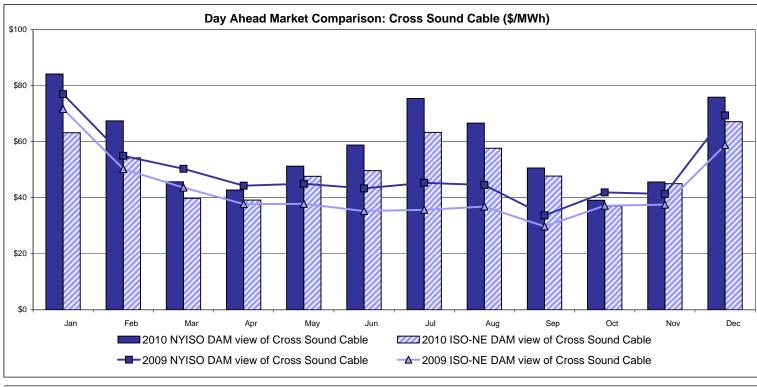




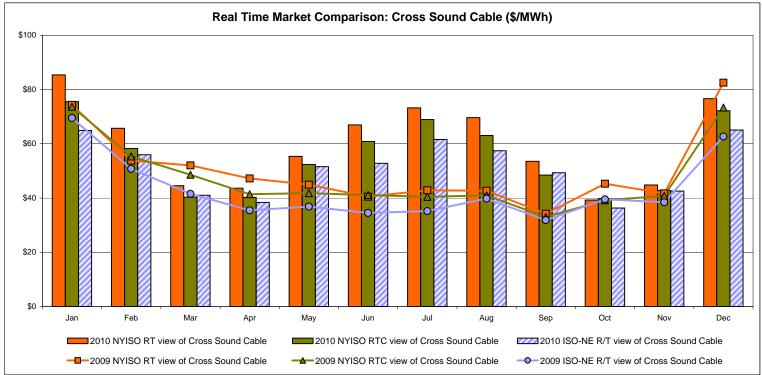
External Comparison Ontario IESO



Notes: Exchange factor used for December 2010 was 0.99 to US \$ HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price



External Controllable Line: Cross Sound Cable (New England)

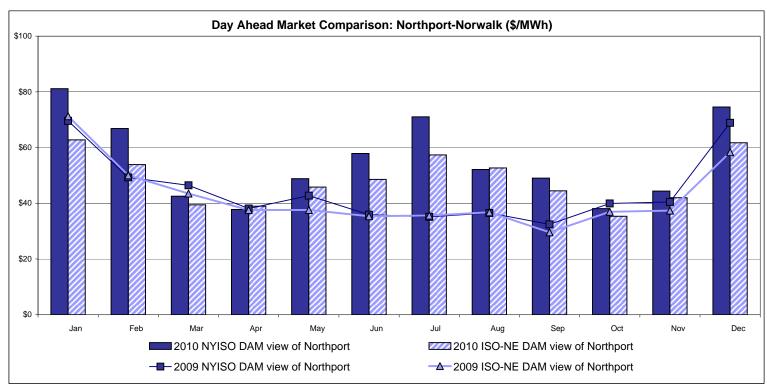


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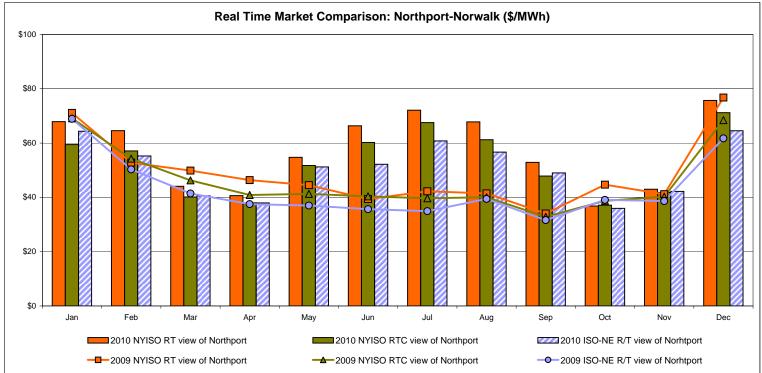
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)

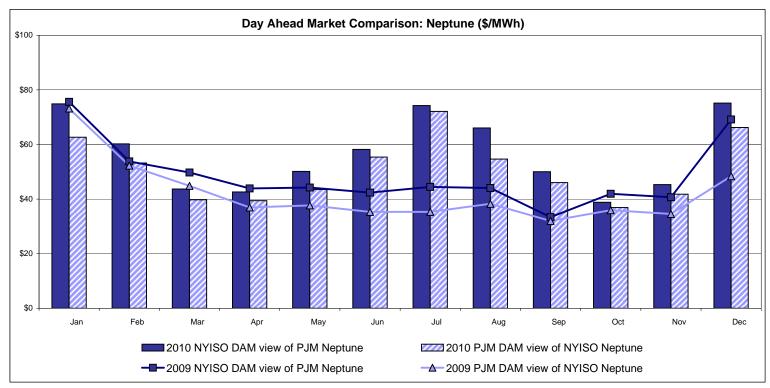


Note:

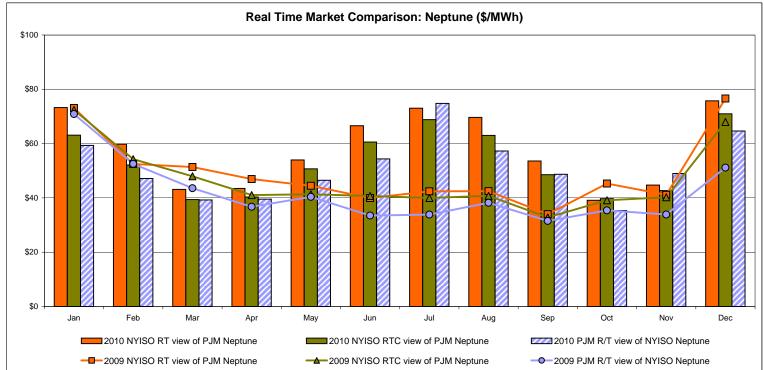
ISO-NE Forecast is an advisory posting @ 18:00 day before.

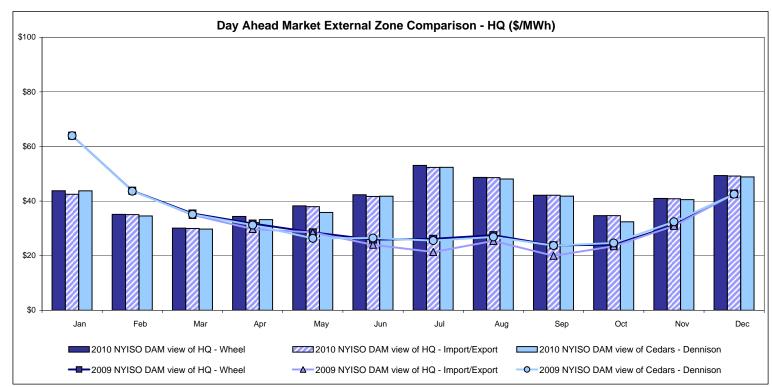
The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.

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

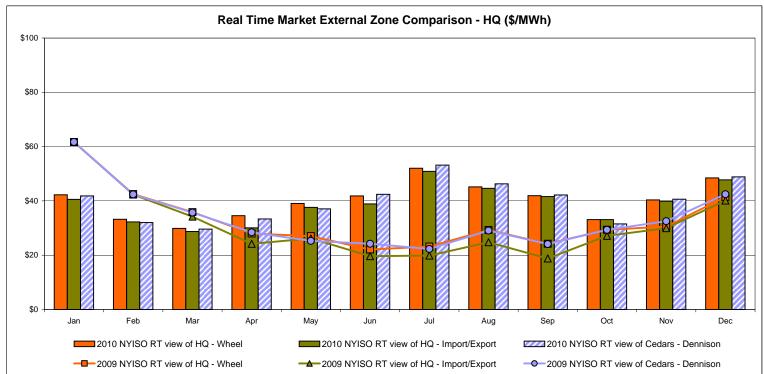


External Controllable Line: Neptune (PJM)



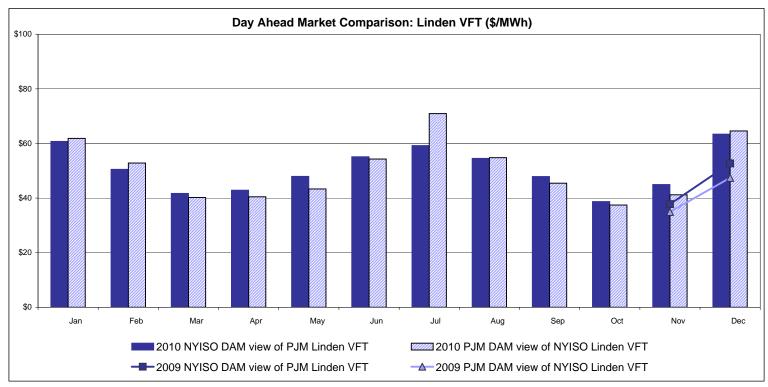


External Comparison Hydro-Quebec

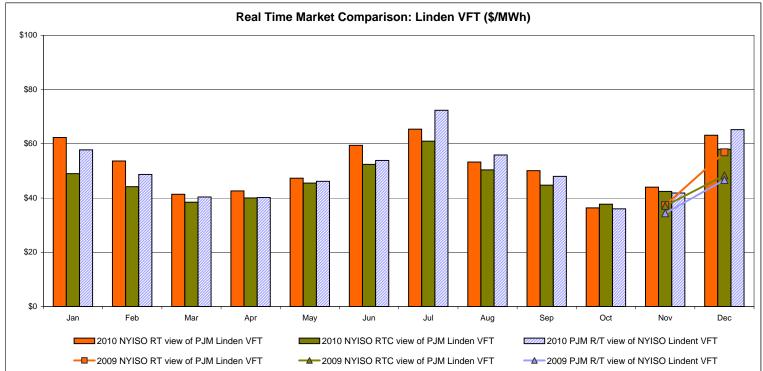


Note:

Hydro-Quebec Prices are unavailable.



External Controllable Line: Linden VFT (PJM)

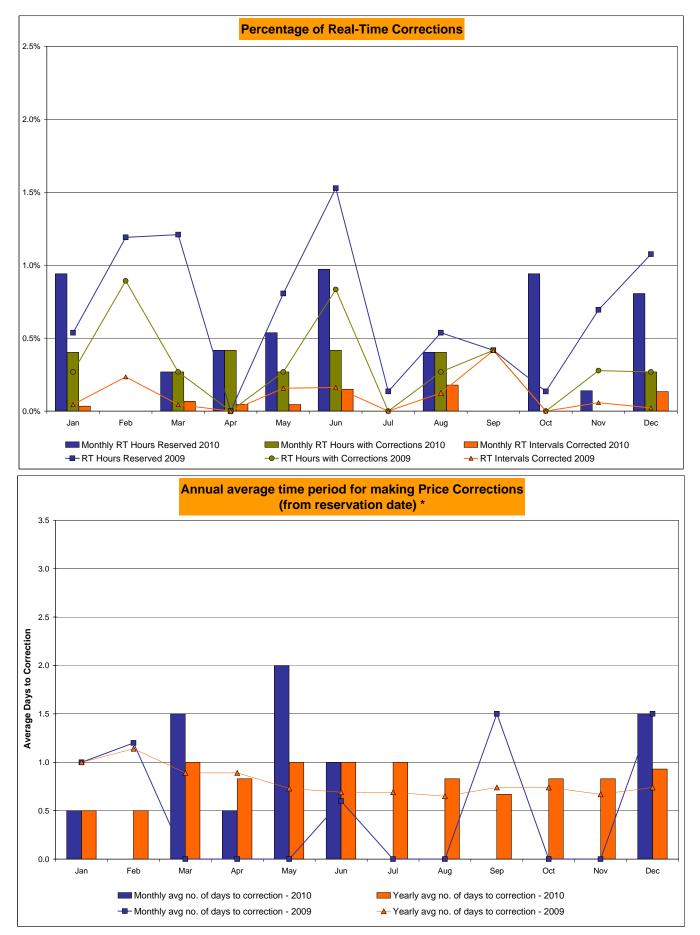


Note: Linden VFT Scheduled Line Data available beginning 11/1/2009.

NYISO Real Time Price Correction Statistics

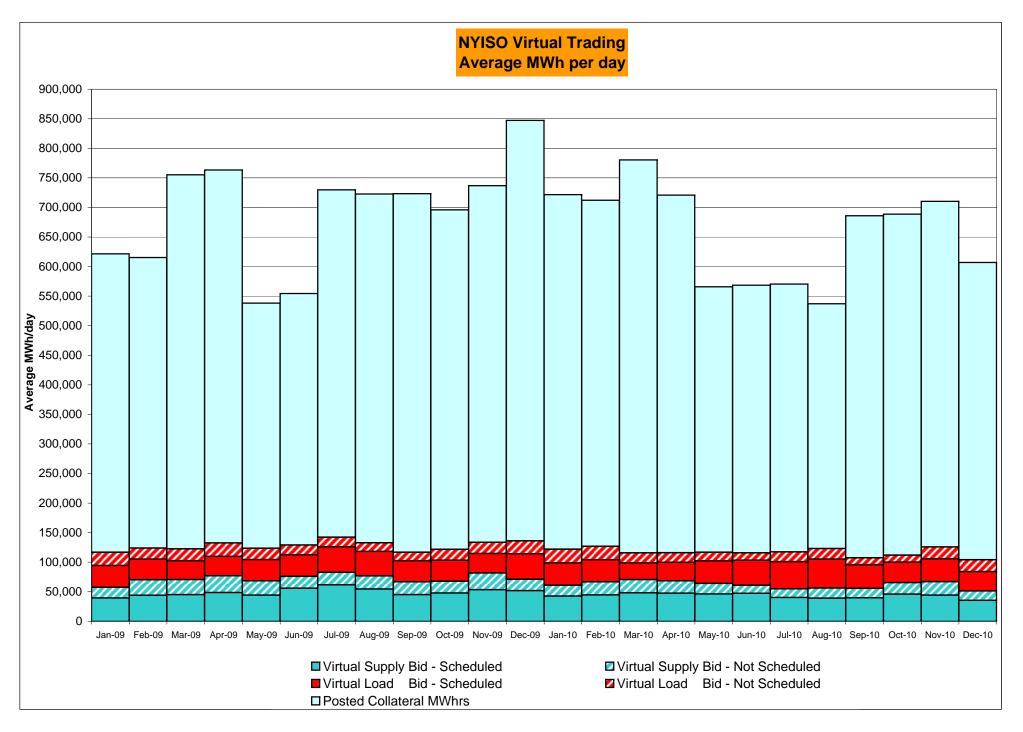
2010		lonuoni	Fobruary	Marah	April	Mov	luno	July	August	Sontombor	October	November	December
2010 Hour Corrections		<u>January</u>	February	<u>March</u>	<u>Aprii</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>		November	December
Number of hours with corrections	in the month	3	0	2	3	2	3	0	3	0	0	0	2
Number of hours	in the month	744	672	744	720	744	720	744	744	720	744	720	744
% of hours with corrections	in the month	0.40%	0.00%	0.27%	0.42%	0.27%	0.42%	0.00%	0.40%	0.00%	0.00%	0.00%	0.27%
% of hours with corrections	year-to-date	0.40%	0.21%	0.23%	0.28%	0.28%	0.30%	0.26%	0.27%	0.24%	0.22%	0.20%	0.21%
Interval Corrections													
Number of intervals corrected	in the month	3	0	6	4	4	13	0	16	0	0	0	12
Number of intervals	in the month	8,934	8,057	8,913	8,640	8,946	8,660	8,955	8,955	8,654	8,944	8,657	8,945
% of intervals corrected	in the month	0.03%	0.00%	0.07%	0.05%	0.04%	0.15%	0.00%	0.18%	0.00%	0.00%	0.00%	0.13%
% of intervals corrected	year-to-date	0.03%	0.02%	0.03%	0.04%	0.04%	0.06%	0.05%	0.07%	0.06%	0.05%	0.05%	0.06%
Hours Reserved													
Number of hours reserved	in the month	7	0	2	3	4	7	0	3	0	7	1	6
Number of hours	in the month	744	672	744	720	744	720	744	744	720	744	720	744
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.42%	0.54%	0.97%	0.00%	0.40%	0.00%	0.94%	0.14%	0.81%
% of hours reserved	year-to-date	0.94%	0.49%	0.42%	0.42%	0.44%	0.53%	0.45%	0.45%	0.40%	0.45%	0.42%	0.46%
Days to Correction *													
Avg. number of days to correction	in the month	0.50	0.00	1.50	0.50	2.00	1.00	0.00	0.00	0.00	0.00	0.00	1.50
Avg. number of days to correction	year-to-date	0.50	0.50	1.00	0.83	1.00	1.00	1.00	0.83	0.67	0.83	0.83	0.93
Days Without Corrections													
Days without corrections	in the month	29	28	29	28	30	28	31	29	30	31	30	29
Days without corrections	year-to-date	29	57	86	114	144	172	203	232	262	293	323	352
2009		January	February	March	April	Mav	June	Julv	August	September	October	November	December
2009 Hour Corrections		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	July	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
	in the month	<u>January</u> 2	<u>February</u> 6	<u>March</u> 2	<u>April</u> 0	<u>May</u> 2	<u>June</u> 6	<u>July</u> 0	<u>August</u> 2	<u>September</u> 3	<u>October</u> 0	<u>November</u> 2	<u>December</u> 2
Hour Corrections	in the month in the month		<u> </u>										
Hour Corrections Number of hours with corrections		2	6	2	0	2	6	0	2	3	0	2	2
Hour Corrections Number of hours with corrections Number of hours	in the month in the month	2 744	6 672	2 744	0 720	 2 744	6 720	0 744	2 744	3 720	0 744	2 720	2 744 0.27%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month	2 744 0.27%	6 672 0.89%	2 744 0.27%	0 720 0.00%	2 744 0.27%	6 720 0.83%	0 744 0.00%	2 744 0.27%	3 720 0.42%	0 744 0.00%	2 720 0.28%	2 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	2 744 0.27%	6 672 0.89%	2 744 0.27%	0 720 0.00%	2 744 0.27%	6 720 0.83%	0 744 0.00%	2 744 0.27%	3 720 0.42%	0 744 0.00%	2 720 0.28%	2 744 0.27%
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	2 744 0.27% 0.27%	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	2 744 0.27% 0.34%	3 720 0.42% 0.35%	0 744 0.00% 0.32%	2 720 0.28% 0.31%	2 744 0.27% 0.31%
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	2 744 0.27% 0.27% 4	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	2 744 0.27% 0.34%	3 720 0.42% 0.35% 36	0 744 0.00% 0.32% 0	2 720 0.28% 0.31% 5	2 744 0.27% 0.31% 2
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	2 744 0.27% 0.27% 4 8,966	6 672 0.89% 0.56% 19 8,082	2 744 0.27% 0.46% 4 8,933	0 720 0.00% 0.35% 0 8,639	2 744 0.27% 0.33% 14 8,941	6 720 0.83% 0.41% 14 8,655	0 744 0.00% 0.35% 0 8,947	2 744 0.27% 0.34% 11** 8,910	3 720 0.42% 0.35% 36 8,656	0 744 0.00% 0.32% 0 8,933	2 720 0.28% 0.31% 5 8,632	2 744 0.27% 0.31% 2 8,941
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	2 744 0.27% 0.27% 4 8,966 0.04%	6 672 0.89% 0.56% 19 8,082 0.24%	2 744 0.27% 0.46% 4 8,933 0.04%	0 720 0.00% 0.35% 0 8,639 0.00%	2 744 0.27% 0.33% 14 8,941 0.16%	6 720 0.83% 0.41% 14 8,655 0.16%	0 744 0.00% 0.35% 0 8,947 0.00%	2 744 0.27% 0.34% 11** 8,910 0.12%	3 720 0.42% 0.35% 36 8,656 0.42%	0 744 0.00% 0.32% 0 8,933 0.00%	2 720 0.28% 0.31% 5 8,632 0.06%	2 744 0.27% 0.31% 2 8,941 0.02%
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	2 744 0.27% 0.27% 4 8,966 0.04%	6 672 0.89% 0.56% 19 8,082 0.24%	2 744 0.27% 0.46% 4 8,933 0.04%	0 720 0.00% 0.35% 0 8,639 0.00%	2 744 0.27% 0.33% 14 8,941 0.16%	6 720 0.83% 0.41% 14 8,655 0.16%	0 744 0.00% 0.35% 0 8,947 0.00%	2 744 0.27% 0.34% 11** 8,910 0.12%	3 720 0.42% 0.35% 36 8,656 0.42%	0 744 0.00% 0.32% 0 8,933 0.00%	2 720 0.28% 0.31% 5 8,632 0.06%	2 744 0.27% 0.31% 2 8,941 0.02%
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 in the month year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10%
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	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11	0 744 0.00% 0.35% 0 8,947 0.00% 0.09%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8
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 Mumber 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	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4 744	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Mumber of nours with 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 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 in the month	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 0.04% 4 744 0.54%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08%
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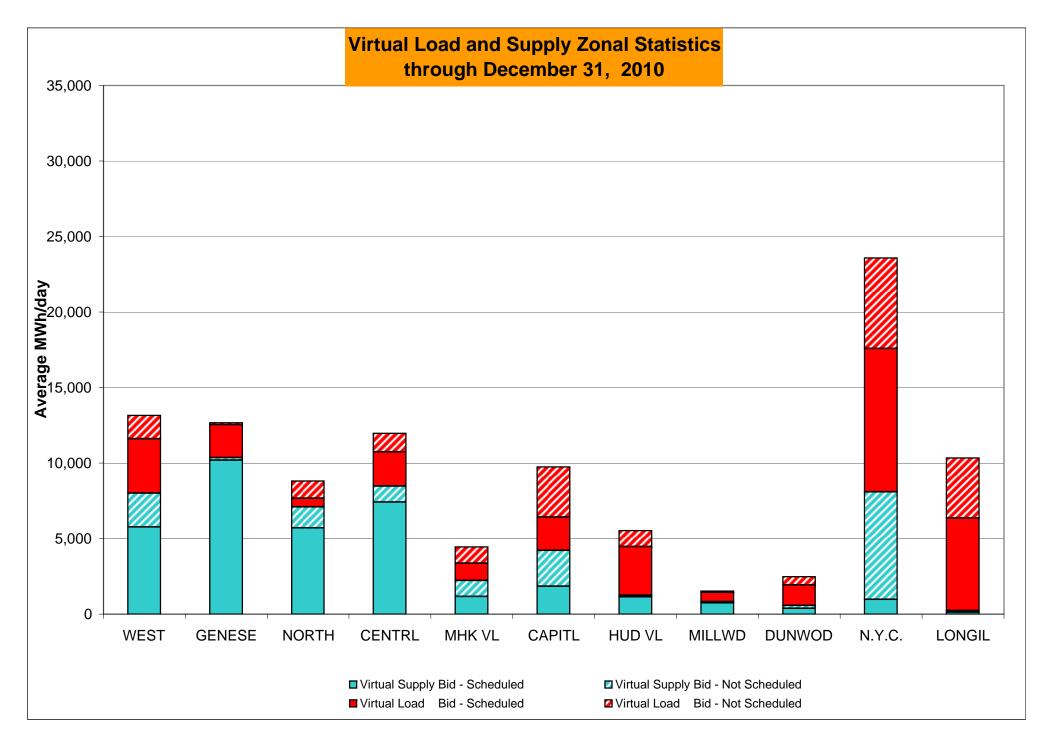
* Calendar days from reservation date.



* Calendar days from reservation date.

Market Monitoring Prepared: 1/11/2011 12:06 PM





Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2010

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| Jan-10 | 2,369 | 639
 | 7,053
 | 1,096
 | MHK VL

 | Jan-10 | 566 | 1,360 | 1,944
 | 1,812 | DUNWOD | Jan-10 | 1,366 | 715
 | 1,007 | 493 |
| Feb-10 | 1,782 | 1,503
 | 5,731
 | 2,602
 |

 | | | 1,327 |
 | | | Feb-10 | 1,229 | 852
 | 615 | 46 |
| Mar-10 | | 500
 | 7,531
 | 2,586
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 | | | 1,405 | |
 | | | Mar-10 | |
 | 818 | 37 |
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| May-10 | 1,877 |
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| Nov-10 | 4,394 | 5,258
 | 9,785
 | 8,311
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 | Nov-10 | 882 | 922 | 1,334
 | 764 | | Nov-10 | 1,961 |
 | 568 | |
| Dec-10 | 3,604 | 1,542
 | 5,760
 | 2,247
 |

 | Dec-10 | 1,138 | 1,086 | 1,170
 | 1,054 | | Dec-10 | 1,355 | 533
 | 384 | 19 |
| Jan-10 | 1 307 | 507
 | 6 615
 | 438
 | CAPITI

 | Jan-10 | 3 858 | 3 282 | 1 918
 | 1 988 | NYC | Jan-10 | 9 721 | 6 433
 | 4 216 | 7,30 |
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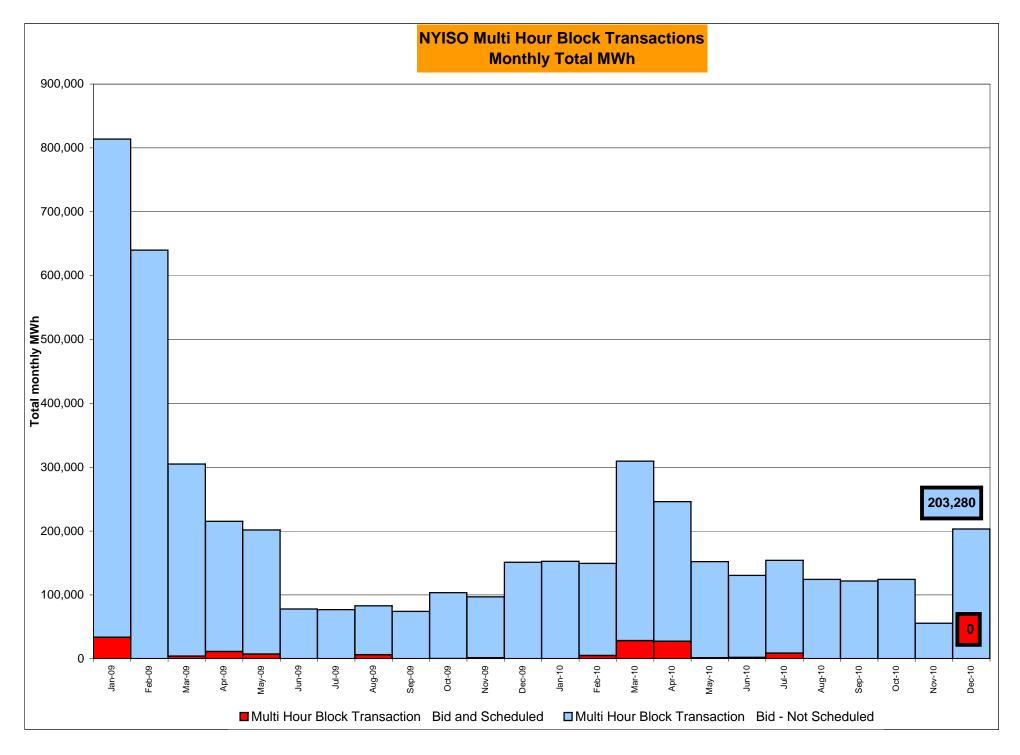
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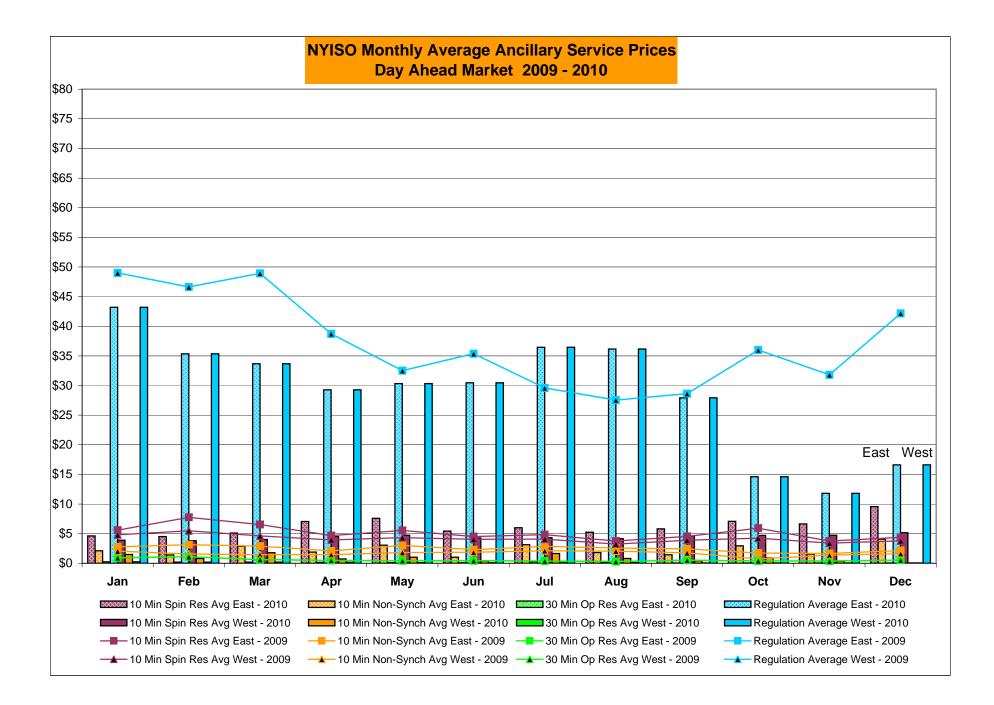
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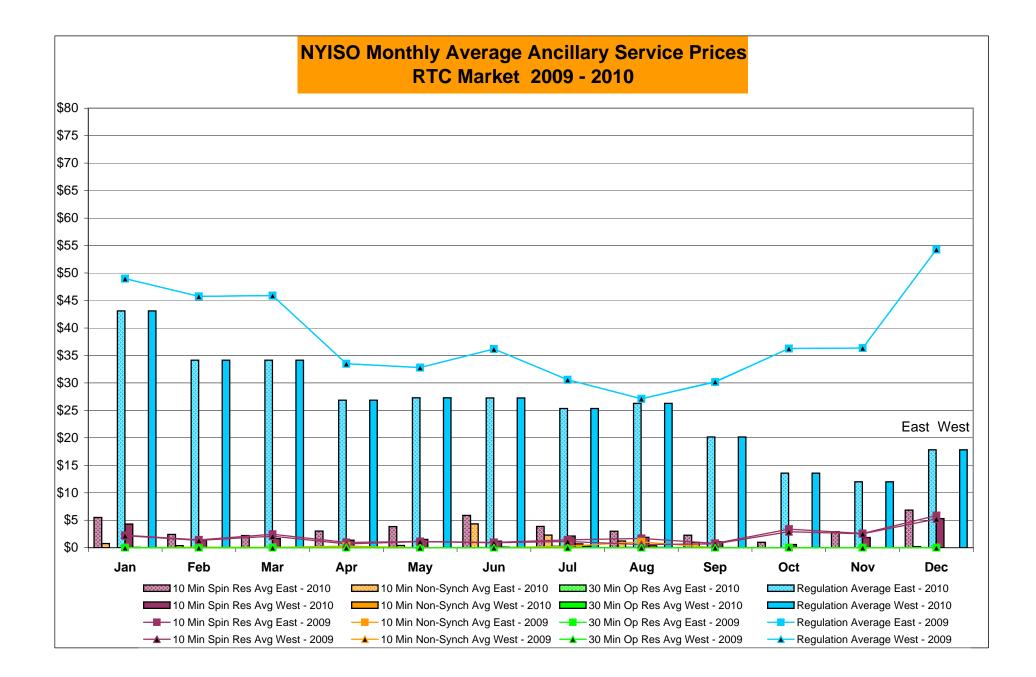
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 | | 22,73
15,93 |
| Dec-10 | 2,257 | 1,228
 | 7,421
 | 1,056
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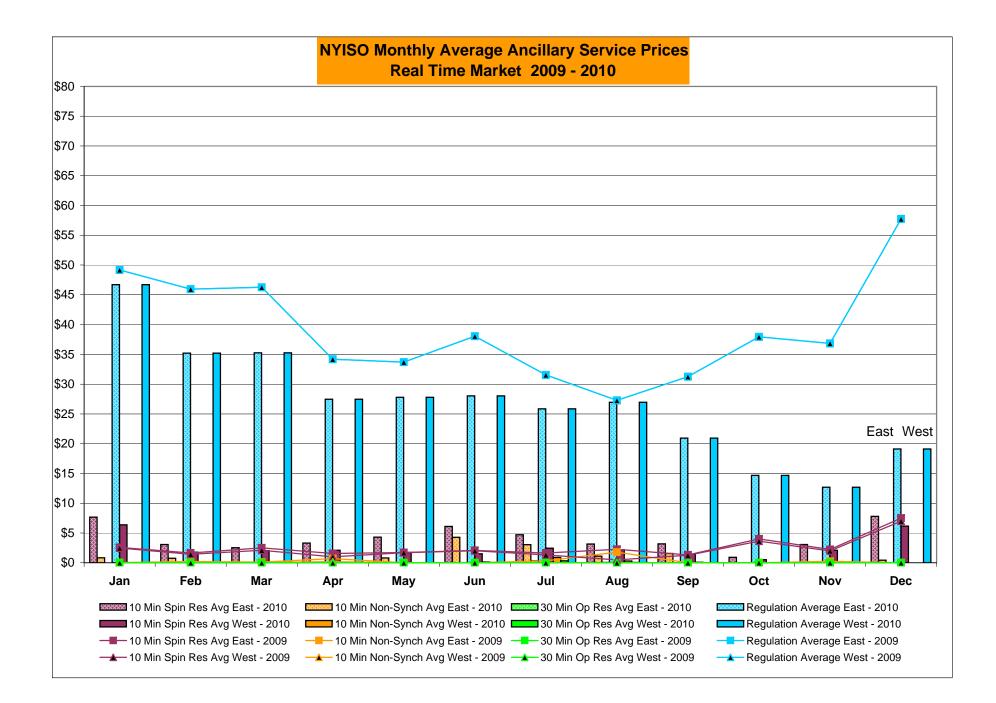
 | Dec-10 | 617 | 90 | 739
 | 77 | | Dec-10 | 32,763 | 20,107
 | 35,440 | |
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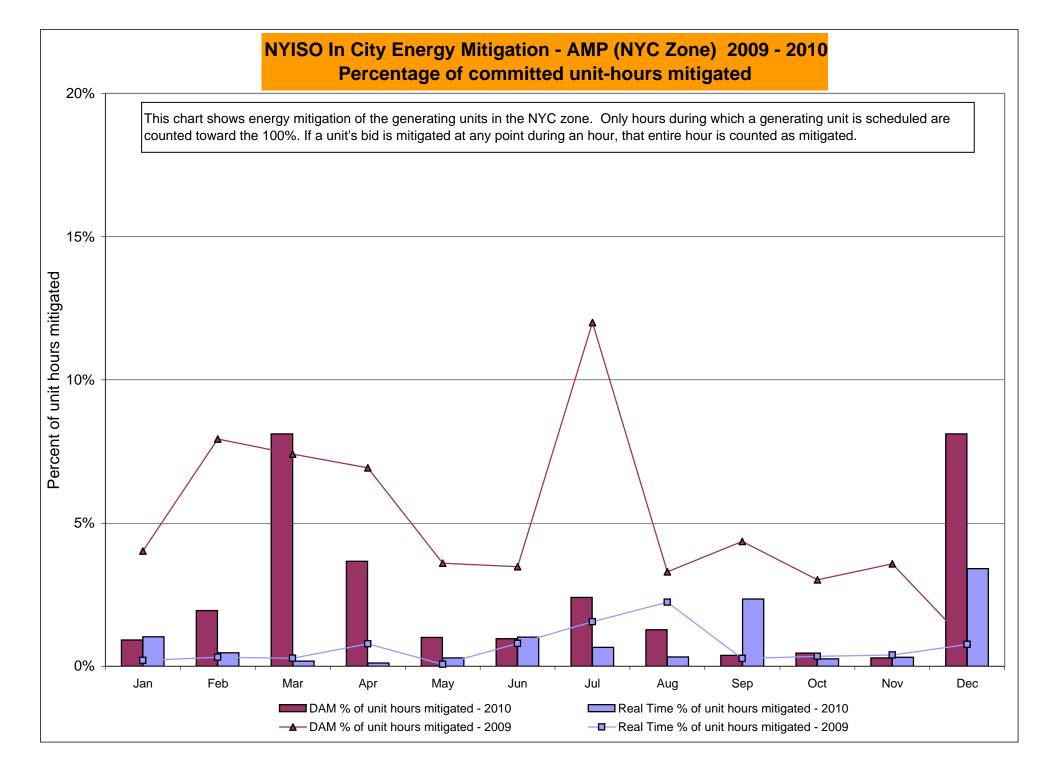
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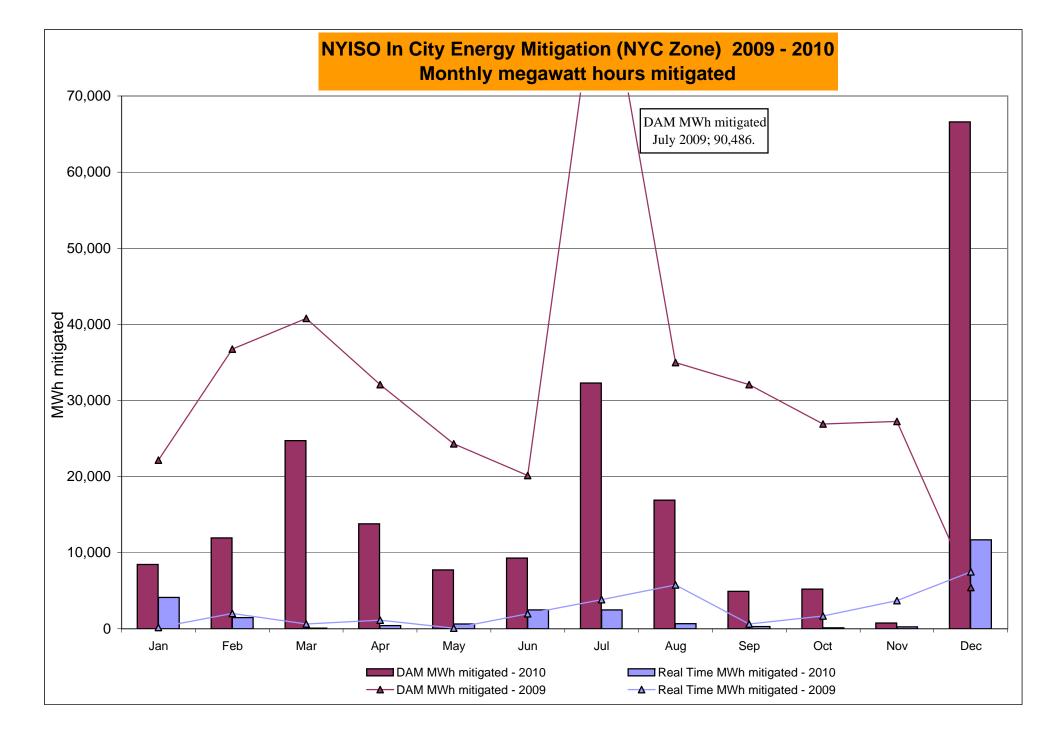


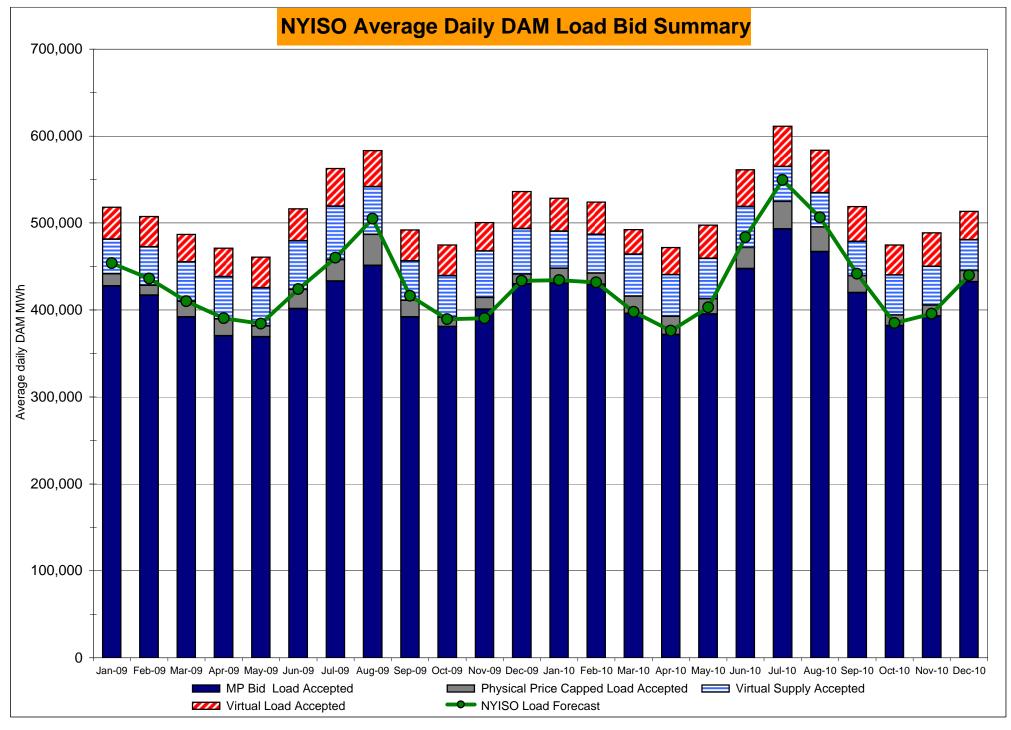




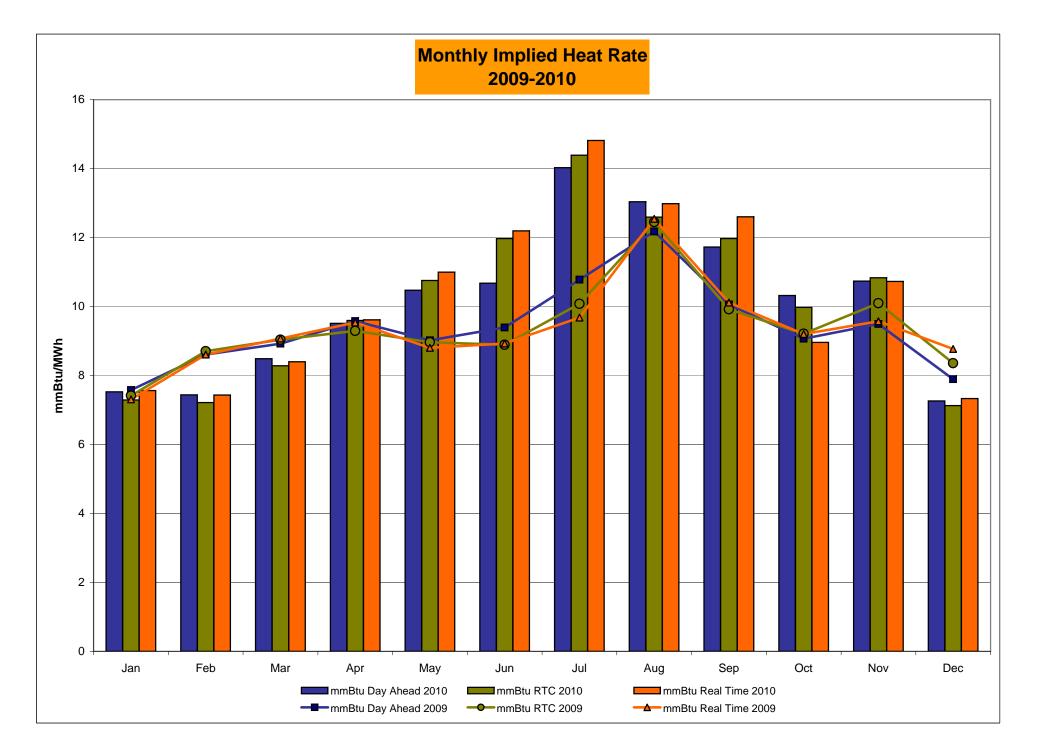
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)													
2010	January	February	March	April	May	June	July	August	September	October	November	December	
Day Ahead Market	<u></u>	<u> </u>			<u></u>		<u></u>		<u></u>		<u></u>		
10 Min Spin East	4.62	4.51	5.10	7.04	7.59	5.43	6.00	5.23	5.80	7.07	6.64	9.56	
10 Min Spin West	3.90	3.80	4.02	4.51	4.73	4.27	4.31	4.16	4.62	4.69	4.71	5.14	
10 Min Non Synch East	2.11	1.42	2.85	1.89	3.04	1.04	3.12	1.81	1.44	2.94	1.57	4.08	
10 Min Non Synch West	1.49	0.80	1.78	0.74	1.02	0.37	1.65	0.82	0.42	0.89	0.35	0.04	
30 Min East	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10	0.06	0.05	0.06	0.04	
30 Min West	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10	0.06	0.05	0.06	0.04	
Regulation East	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15	27.92	14.60	11.80	16.60	
Regulation West	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15	27.92	14.60	11.80	16.60	
RTC Market													
10 Min Spin East	5.49	2.42	2.22	3.03	3.86	5.89	3.87	2.99	2.28	1.00	2.93	6.84	
10 Min Spin West	4.32	1.40	1.66	1.38	1.53	1.19	2.13	1.90	1.08	0.57	1.87	5.31	
10 Min Non Synch East	0.77	0.37	0.00	0.00	0.39	4.35	2.31	1.23	0.97	0.00	0.00	0.21	
10 Min Non Synch West	0.05	0.00	0.00	0.00	0.00	0.11	0.69	0.35	0.02	0.00	0.00	0.00	
30 Min East	0.00	0.00	0.00	0.00	0.00	0.04	0.26	0.07	0.00	0.00	0.00	0.00	
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.26	0.07	0.00	0.00	0.00	0.00	
Regulation East	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27	20.15	13.58	11.99	17.83	
Regulation West	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27	20.15	13.58	11.99	17.83	
Real Time Market													
10 Min Spin East	7.67	3.08	2.54	3.31	4.30	6.10	4.71	3.13	3.17	0.91	3.07	7.78	
10 Min Spin West	6.37	1.78	2.05	2.09	1.73	1.51	2.44	2.17	1.46	0.51	2.09	6.16	
10 Min Non Synch East	0.83	0.74	0.00	0.00	0.81	4.28	3.05	1.09	1.55	0.00	0.12	0.44	
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.12	0.89	0.28	0.09	0.00	0.00	0.00	
30 Min East	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04	0.00	0.00	0.00	0.00	
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04	0.00	0.00	0.00	0.00	
Regulation East	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94	20.94	14.67	12.69	19.11	
Regulation West	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94	20.94	14.67	12.69	19.11	
<u>2009</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	December	
Day Ahead Market													
10 Min Spin East	5.60	7.74	6.54	4.66	5.53	4.50	4.84	3.76	4.54	5.90	3.75	4.38	
10 Min Spin West	4.81	5.48	4.62	3.94	4.32	4.05	4.08	3.25	3.88	4.25	3.41	3.78	
10 Min Non Synch East	2.77	3.13	2.88	2.09	3.03	2.31	2.86	2.56	2.42	1.74	1.66	2.16	
10 Min Non Synch West	2.05	1.58	1.45	1.46	1.82	1.87	2.11	2.05	1.76	0.73	1.38	1.63	
30 Min East	0.92	1.12	0.63	0.50	0.43	0.43	0.37	0.30	0.51	0.41	0.39	0.54	
30 Min West	0.92	1.12	0.63	0.50	0.43	0.43	0.37	0.30	0.51	0.41	0.39	0.54	
Regulation East	49.01	46.62	48.92	38.71	32.52	35.37	29.59	27.55	28.63	35.99	31.80	42.17	
Regulation West	49.01	46.62	48.92	38.71	32.52	35.37	29.59	27.55	28.63	35.99	31.80	42.17	
RTC Market													
10 Min Spin East	2.27	1.44	2.43	0.97	1.12	0.96	1.41	1.68	0.79	3.38	2.58	5.85	
10 Min Spin West	2.20	1.35	2.09	0.70	1.10	0.91	1.13	0.57	0.71	2.90	2.53	5.24	
10 Min Non Synch East	0.00	0.08	0.05	0.30	0.00	0.00	0.27	1.06	0.00	0.00	0.01	0.00	
10 Min Non Synch West	0.00	0.04	0.05	0.10	0.00	0.00	0.00	0.00	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	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	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	27.12	30.14	36.24	36.34	54.29	
Regulation West	48.98	45.76	45.90	33.49	32.80	36.17	30.59	27.12	30.23	36.24	36.34	54.29	
Real Time Market	0.57	4.05	0.40	4	4 70	0.00	4.05	0.00	4.00		0.00	7 50	
10 Min Spin East	2.57	1.65	2.49	1.55	1.73	2.06	1.65	2.26	1.32	4.01	2.22	7.50	
10 Min Spin West	2.46	1.43	2.09	1.01	1.70	2.02	1.33	0.48	1.25	3.62	1.99	7.00	
10 Min Non Synch East	0.03	0.22	0.10	0.69	0.00	0.00	0.31	1.77	0.00	0.00	0.24	0.00	
10 Min Non Synch West	0.03	0.05	0.05	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	
30 Min East	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30 Min West Regulation East	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	10 10	45.05	46.07	24 47	22.24	20.05	24 54	07 07	04.00	07.00	00.07	F7 70	
Regulation West	49.19 49.19	45.95 45.95	46.27 46.27	34.17 34.17	33.71 33.71	38.05 38.05	31.54 31.54	27.27 27.27	31.26 31.26	37.93 37.93	36.84 36.84	57.76 57.76	



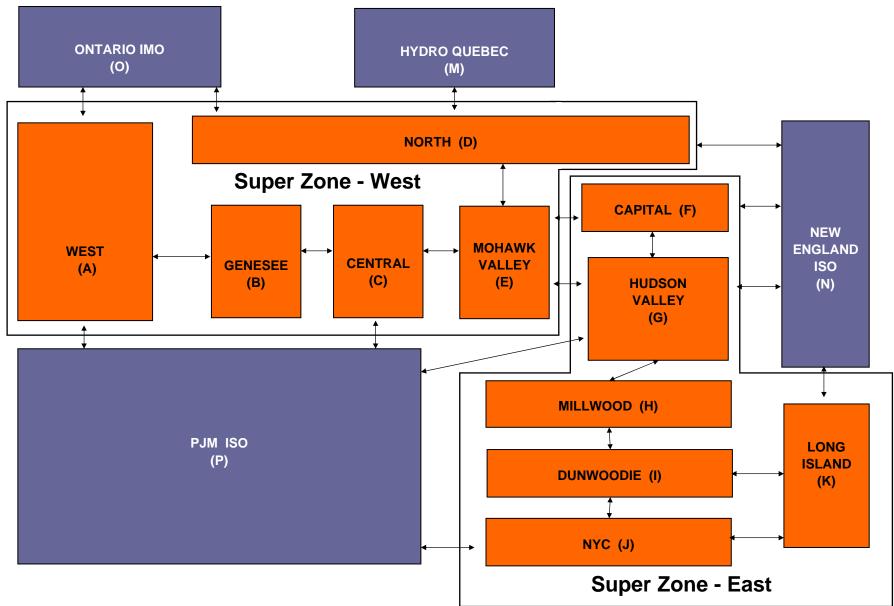




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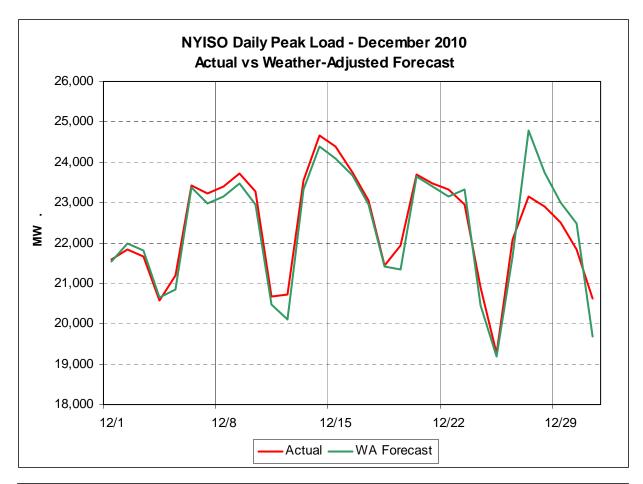
NYISO LBMP ZONES

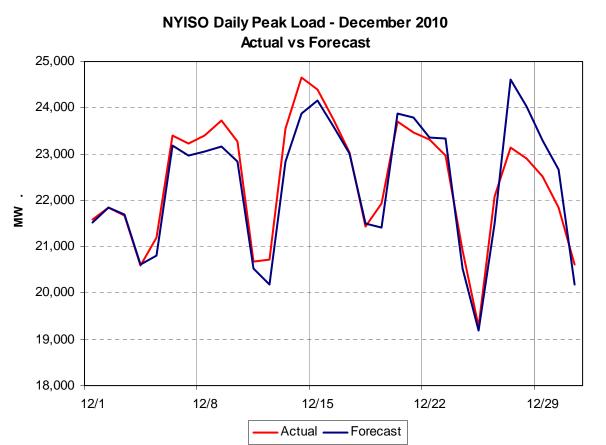


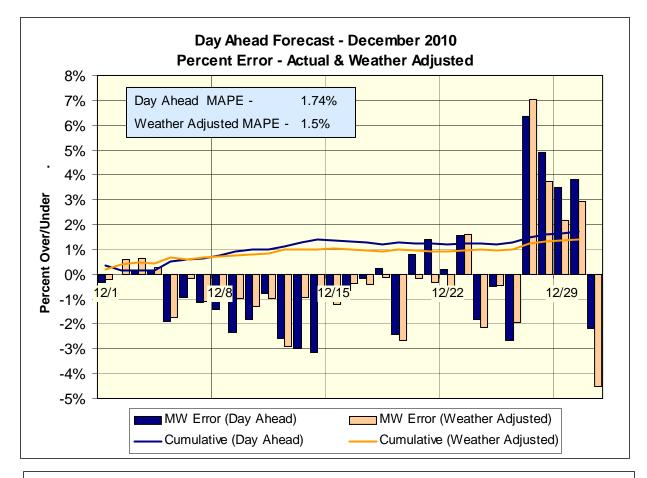
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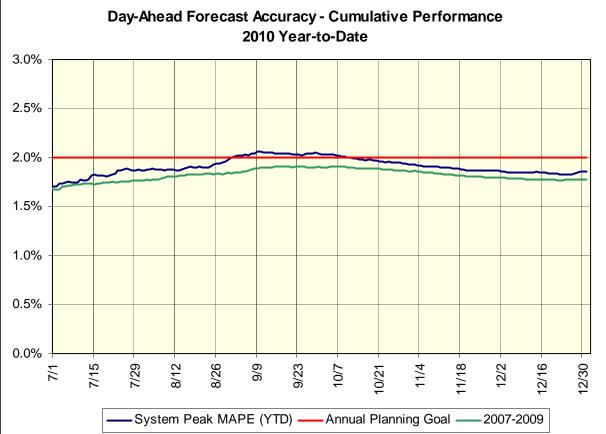
Billing Codes for Chart 4-C

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











Description

Auxiliary Market Produc	ts
Demand Curve Reset	Status: NERA is the consultant performing the demand curve study. There were many stakeholder discussions throughout 2010 and oral arguments at the October Board meeting. The FERC filing was submitted November 30. This project is complete.
	Deliverables: Per the Market Services Tariff, the NYISO will be developing new sets of demand curves for the capacity market in 2010, with a requirement to file the new curves with FERC by 11/30/2010.
Demand Response Information System	Status: Phase 1 was successfully deployed in the 4 th quarter of 2009 and Phase 2 was completed in March 2010. The remainder of the work is scheduled for 2010. The Market Participant User Interface was successfully deployed in June and the final phase was software ready at the end of December. This project will be complete when deployed in January 2011.
	Deliverables: The Demand Response Information System project is a multi-year project to automate the current core functionality of Registration Processing, Event Notification, and Reporting, as well as the ICAP/SCR Processing and the Event Performance, Management and Settlement Preparation calculations. The project also includes new functionality in Event and Meter Data Management and Marketplace functions.
	Status: These software enhancements to the existing ICAP automated system were successfully deployed in March. This project is complete.
ICAP Import Rights Modeling-Capabilities	Deliverables: This project would implement new capability to model external locations to the sub zone level to support any new interfaces including, HQEX, HQ-Cedars, NPX-AC, NPX-CSC, OH-AC, PJM-AC, and PJM-Neptune. Specifically, the project will address:
for New Interfaces	Multiple import rights models at each physical interface Specific modeling to treat Unforced Consulty Deliverability Dights (UDDe)
	 Specific modeling to treat Unforced Capacity Deliverability Rights (UDRs) Additional flexibility to model and track wheel-throughs
	Apportioning of CRIS and ERIS for exports
	Monthly adjustment in import limits to account for deliverability rules Support of huwer side mitigation as percessant
	 Support of buyer-side mitigation as necessary Status: Discussions are currently underway with the expectation that market rule changes will be minimal if aggregations are treated in the same manner as individual DSASP resources. Through the course of working group discussions and 2010 Sector Meetings, Market Participants have specifically requested the NYISO to delay proposing a market design until
Demand Response Aggregations in DSASP	telemetry alternatives can be identified, reviewed and discussed with Market Participants. The Market Design Concept was proposed and approved by Market Participants at the December 8 BIC.
	Deliverables: Based on the NYISO's response to FERC Order 719, NYISO will be investigating the changes needed to accommodate aggregated small demand response resources providing ancillary services (DSASP). The current DSASP program allows individual resource participation through a TO; this project would allow multiple demand response



Description	Status and Milestone Deliverables					
	resources to participate in DSASP by providing an aggregate signal through a TO to the NYISO. The primary effort involves discussions with NPCC and the NYSRC on any potential rule changes in their areas.					
	Status: This project was successfully deployed in September. This project is complete.					
	Deliverables: On the basis of FERC's June 23, 2009 ruling and NYISO's filing on External CRIS Rights due October 2009, there will be additional modifications to the ICAP AMS to implement the rules associated with External CRIS Rights, specifically:					
	 Identifying external suppliers, bilateral contracts, and commitments to offer market capacity associated with Long-Term External CRIS Rights 					
Final Deliverability Rules	 Tracking the duration of rights awards and specific months when offers are required 					
	 Imposition of an offer cap (\$/kW-mo); creating and modifying the values associated with the cap 					
	 Tracking of offer behavior, and identification of situations where an entity with Long-Term External CRIS Rights is in violation of its commitment 					
	 Renewal of Long-Term External CRIS Rights 					
	 Transfer of rights to another entity; ability to allow partial MW transfer of rights 					
	Compatibility with existing import rights process for short-term imports					
	Status: The NYISO and its stakeholders will jointly develop the rationale for creating additional capacity zones, which was a recommendation in the 2008 State of the Market report. The initial Market Design Concept has been discussed with stakeholders; work will continue in 2011.					
Criteria for New Capacity Zones	Deliverables: Significant modification of the existing code design will be required to provide the flexibility to accommodate the creation and deletion of new capacity zones. Another area that will be addressed is the modeling of imports; all imports are currently modeled into the ROS region, but there will be situations where imports from one external control area will enter multiple NYISO capacity zones.					
	Status: The NYISO will work with its stakeholders to develop a Market Design Concept by the end of the 2 nd quarter. The Market Design Concept was discussed at a June ICAP working group meeting. Stakeholders have deemed this effort to be a low priority at this time. There is no work proposed for 2011.					
Capability Period Alignment	Deliverables: The NYISO's Capacity Market Capability Year runs from May through the following April; both ISO-NE's and PJM's capability years begin in June. The misalignment of capability years creates issues for suppliers importing capacity into NY from PJM or ISO-NE for use in the NYISO's strip auction, and also impacts NY LSE IRM/locality requirements. This project will consider the extent of market rule changes, software changes and potential operations procedure changes that would be required to align NY's capability year with those of PJM and ISO-NE.					



Description

Business Intelligence F	Products
E-Tariff	Status: NYISO partnered with ISO-NE, PJM and SPP to contract with a vendor to develop the software needed for FERC compliance. NYISO is scheduled to be software ready in the 2 nd quarter and awaiting confirmation of FERC concurrence with NYISO's proposed timing for an initial baseline filing. The vendor software has been installed and is running in a production environment; NYISO successfully filed its baseline filing at FERC on June 30. This project is complete.
	Deliverables: This is a project to comply with FERC Order 714 by April 1, 2010. The NYISO must implement a system to electronically manage the submission of all tariff filings with FERC, using a FERC mandated XML format. This project will also involve the migration of both NYISO tariffs from a page-based format to a record-based format and will culminate in an initial baseline filing for each of the two tariffs.
	Status: NYISO is scheduled to implement the new E-Room for Planning by the end of the 2 nd quarter 2010. This project was successfully delivered in June. This project is complete.
E-Planning Collaboration	Deliverables: The interactive collaboration provided by NYISO today for planning studies uses a combination of email, burned CDs and posting to a secured area of the NYISO website. This is difficult to administer and does not provide the robust functionality desired. This project would provide for a new collaborative environment through the use of Microsoft SharePoint.
	Status: The NYISO is currently evaluating the most economic and efficient means of obtaining access to this data. Access to this data was deployed in October. This project is complete.
Non-NYISO Transactions Data Access	Deliverables: This data is currently gathered manually on an ad-hoc basis. This project would focus on providing access to data from surrounding control areas to NYISO's Market Mitigation and Analysis Unit. The project will also provide access to the tools necessary to analyze this data.
	Status: This project was successfully deployed to production in September. Communications is planning a rollout to employees during the 4 th quarter. This project is complete.
Intranet Redesign	Deliverables: The NYISO has not updated the technological platform or the design of the NYISO Intranet since its inception. This is an internal NYISO project with the purpose of moving the site, which currently exists on outdated technology, to a new technological platform for the benefit of content publishing, ease of navigation and maintenance.



Description	Status and Milestone Deliverables				
	Status: Web Postings refers to a series of Tibco Business Works processes that generate and publish various CSV, PDF, and HTML files to NYISO's OASIS site (<u>http://mis.nyiso.com/public</u>). These files include zonal and generator pricing data for the Real-Time, Hour-Ahead, and Day-Ahead markets, outage data, interface limits & flows, PAR schedules & flows, actual load and load forecasts, various reports, and other publicly available data used by our Market Participants. There are over 40 postings in total that publish to the site throughout the day. Phase I was successfully deployed in October.				
Web Posting Enhancements	 Deliverables: The Web Posting Enhancement project is a multi-year project with phased deliverables to address the following objectives: Improve reliability and performance of the web posting process Eliminate dependency on proprietary Tibco technology for Postings Ensure pricing data quality across NYISO systems with authoritative transactional source for prices and price versions Improve reliability and greatly simplify DSS price data integration Address NAESB WEQ-002 posting technical requirements 				
Energy Markets Produc	cts				
Long Term Loop Flow Response-Buy Through Congestion	Status: As a result of the events leading to the 2008 Lake Erie loop flow issues, in 2009 the NYISO, PJM, ISO-NE and MISO identified solutions to the costs imposed on the non scheduling RTO. The Market Design Concept was approved by stakeholders at the December 8 BIC.				
	Deliverables: This project will focus on designing software and rules in conjunction with neighboring control areas to mitigate the effect of loop flows on our systems.				
Congestion Management Market Flow	Status: In 2009, NYISO worked with PJM and NYISO stakeholders to develop a Congestion Management protocol. NYISO, and the other ISOs/RTOs have chosen a common tool, NERC's Interchange Distribution Calculator, which is being developed by OATI. The tool is scheduled for deployment in 1stQ 2011.				
Calculator	Deliverables: Before this protocol can be implemented, automated software to calculate the market flow between PJM and NY must be created. In 2010 NYISO will evaluate whether to build or buy software to implement this calculator. Once implemented, NYISO will analyze flows to determine with PJM and NYISO stakeholders the proper basis for compensation.				
Interregional Transaction Coordination	Status: Currently, energy transactions between the NYCA and other control areas are evaluated economically once for the hour. This project is targeted for deployment in March 2011.				
Phase 1-HQ on Dispatch	Deliverables: This project will focus on instituting an intra-hour economic evaluation and scheduling of transactions with neighboring control areas, starting with the HQCA.				



Description	Status and Milestone Deliverables					
	Status: Currently ancillary services are procured from internal resources only. The market design concept was presented to stakeholders at MIWG in 4thQ 2010.					
Interregional Transaction Coordination Phase 2-Ancillary Services	Deliverables: This project will focus on designing a method to economically evaluate and schedule the reserve and regulation products from neighboring control areas, starting with the HQCA.					
Increasing Bids in RT	Status: Currently generators with accepted Day Ahead bids are prohibited from increasing the accepted portion of their bids in the Real Time markets. Circumstances can arise, such as fuel outages or restrictions, which cause the accepted DA bids to no longer be representative of the units' actual costs. This project was deployed in October. This project is complete.					
	Deliverables: This project will allow these resources to represent their new costs in Real Time.					
Scheduling & Pricing Phase 4 – Modify Transaction Default Settings	 Status: Currently Day Ahead scheduled transactions are carried over into the Real Time market as price takers to insure prioritization, their prices are set to the bid floors. Curtailments of these transactions in Real Time can then lead to an arbitrary price of -\$999.70. This can lead to significant balancing residuals. The required software changes were successfully deployed in March. This project is complete. Deliverables: This project will evaluate the feasibility and appropriateness of modifying this default value and implement this new value. 					
Finance Products						
	Status: In 2009, the project delivered functionality for the TCC Market, Credit Infrastructure, Virtual Transactions Market and ICAP Market. In 2010, the project is planned to provide the functionality required to support the (1) Energy and Ancillary Services Market, (2) 2 year TCCs and (3) Market Participant User Interface. Energy, Ancillary Services and 2 year TCCs were successfully deployed in June. The final phase of the project, the Market Participant User Interface, was successfully deployed in October. This project is complete.					
Credit Management System	Deliverables: Streamline, automate, and integrate the credit management processes through a Credit Management System (CMS) to make the processes more efficient and auditable. The end state vision for this multi-year project is an automated and integrated CMS that provides a real time credit position and settlement results netted across all markets. NYISO and MPs will be able to manage collateral as a portfolio and make business decisions using analytical tools and information through a user interface. In addition, the NYISO will be able to leverage automation to implement credit requirements that are better matched to market risk.					



Description

Infrastructure Product	S
	Status: This project continues the roadmap initiated with a 2009 project that enabled support for Microsoft-based applications for market participants.
Identity and Access Management	Deliverables: This multi-year project will deliver a foundation for enterprise-wide identity and access management to achieve compliance. Technical controls and workflows will manage employee user identities and access rights to widely used critical cyber assets defined by NERC CIP. The solution will provide reporting and visibility to current access entitlements and immediate revocation of rights on employee exit.
Data Warehouse Platform Evolution	Status: With data intensive initiatives, NYISO requires a high performance scalable cost effective data warehouse platform. The Netezza data warehouse appliance will allow NYISO IT to deliver business intelligence projects faster, greatly increase reporting performance and make data available sooner for reporting. The Pricing Datamart was successfully migrated to the new platform in August.
	Deliverables: NYISO will migrate the existing datamarts to the new platform in 2010 to achieve business and technical benefits for current and planned DSS development efforts.
Shared Governance Voting Software	Status: The ISO Agreement requires that the NYISO facilitate a voting process as defined in the Agreement. This voting process is currently conducted via a laptop spreadsheet program (Lotus 1-2-3), which was developed at the inception of the NYISO. The existing voting program presents some risk to the NYISO as it based upon unsupported software and has no provisions for change management. This project was delivered on time in March. This project is complete.
	Deliverables: This project will replace the existing software with a more robust and reliable application. The new application will provide flexibility to adapt to potential changes in the future, while also providing a reliable and supportable platform.



Description

Operations and Relia	bility Products
	Status: This is a continuation of a multi-phased project focusing on the next generation of the Reference Level Software. In 2009 NYISO developed detailed requirements and a design. This project was successfully deployed in October.
Reference Level Software	Deliverables: 2010 will focus on building and implementing the new Reference Level Software, as well as implementing required changes in other existing NYISO applications, e.g. MIS. It is critical that the NYISO continue to address several identified issues with the calculation and management of the reference price process, and to automate several manual processes related to the reference price process. NYISO will also certify that the reference level calculations are in compliance with required tariffs through an independent validation of application results. The certification will be completed prior to deploying the Reference Level Software to production.
Wind Management Evolution – Meteorological Data Submission	Status: As more generation from wind resources is added to the system, it becomes increasingly important for NYISO to have strong tools at its disposal to manage these resources in a reliable manner. The NYISO has begun achieving that goal by implementing an intelligent wind power forecasting program, and a process to dispatch wind resources using an economic evaluation. Additionally, NYISO conducted a study assessing the implications of large wind integration in New York, including the impacts on market rules, grid reliability, system cost, and ancillary services. This project was deployed in June. This project is complete.
	Deliverables: This project will continue expanding NYISO's ability to effectively and reliably manage wind power integration into the NY Bulk Power Grid by providing NYISO operations with tools to enhance their ability to see significant wind ramp events before they occur through the enhanced collection of meteorological data from each wind resource.
Outage Scheduler Phase III	Status: Transmission and generator outage information is submitted to the NYISO by telephone, email, and/or fax. NYISO scheduling staff then approves or disapproves the outage request and manually enters the information into a proprietary database that exists outside of the Ranger operating environment. This proprietary database is used to produce required operating and market facing outage schedule reports. Phase 1 was successfully deployed in January 2009. Phase 2 was deployed in October 2009 and included integration with Ranger and automation of external interfaces. Phase 3 was deployed in October. This project is complete.
	Deliverables: This multi-phased project includes the replacement of the proprietary database, as well as automation of the manual processes to enter, manage and track outage information. This project also includes the automation and integration with Ranger, and the implementation of user-friendly web interfaces for TOs and Generators to submit outage requests and forced outage data.



Description

Planning and TCC Market Product Enhancements					
	Status: NYISO has engaged stakeholders in discussions regarding desired functionality in the end state. Specifically, the following functionality will be addressed as part of Phase 1:				
TCC Auction Enhancement Features - Phase I	 Seasonal Auction Changes (An important feature of the end state auction engine is that it can simultaneously evaluate bids and offers for TCCs of multiple durations, permitting the NYISO to sell six-month and annual TCCs within the same auction round, and add auctions of TCCs additional durations, without extending the length of the auction). Monthly Auction Changes (The ability of the end-state auction to simultaneous sell or reconfigure TCCs of multiple durations would enable the NYISO to expand its monthly auctions to reconfiguration auctions not only covering the next month, but the remainder of the capability period or the remainder of the year). Expanding the availability of LTFTRs (per FERC's Order) to LSEs that seek to use non-historic points of injection and withdrawal as well as making LTFTRs available to non-LSEs. NYISO successfully delivered functionality supporting Offers in Any Round in June. 				
	 Deliverables: This is a multi-year project to provide for TCC Auction 'End State' functionality to include: Remove restrictions on TCC sales in non-reconfiguration rounds in capability period auctions by providing the opportunity to sell TCCs in any round Implement Multi Duration Capability Period Auctions Balance of period (BOP) TCCs; revised structure of the monthly auctions 				
	Status: This project will provide NYISO with improved ability to meet CARIS requirements as outlined in NYISO's Compliance filing, Docket No. OA08-52-000, Section II, 6. & 7. and, Attachment Y of the OATT, Section 15.6 in support of FERC Order 890. This software will support the CARIS voting process. This project was successfully deployed in July. This project is complete.				
CARIS Voting Software	 Deliverables: The CARIS voting software needs to automate the process of LSE project voting allowing for tracking results of the planning process for CARIS. Deliverables include: An internal user interface for the NYISO Planning group to allow for customizing the LSE voting list by zone, and with respective weighting share for each CARIS project proposed Ability to determine the vote weight of each LSE based on project criteria Calculate the overall weighted LSE affirmative votes to two decimal places 				

Summary Description of FERC Regulatory Filings, Investigations and Rulemakings and Related Orders in NYISO Matters December 2010

Filing Date	Filing Summary	Docket	Order Date	Order Summary	Outcome
10/12/2010	NYISO Motion to Amend Request for Waivers of Open Access Same Time Information System Regulations.	ER10-424-001	12/10/2010	FERC order granting amended OASIS waiver request re: ATC calculations	Accepted
10/13/2010	NYISO response to the August 2, 2010 Motion to File Answer and Answer of TC Ravenswood.	EL10-70-000	12/07/2010	FERC order establishing hearing and settlement judge procedures re: Ravenswood complaint v. NYISO concerning issue of reimbursement for minimum oil burn service	Guidance Order
10/14/2010	NYISO filing of Supplemental Submission of Analysis of the Expected Impact of Buy-Through of Congestion Charges	ER08-1281-004, 005,006	12/30/2010	FERC Letter Order Denying PSEG Request for Rehearing and NYISO Subject to Further Compliance Filing and Informational Report on Lake Erie loop flow	Accepted - Compliance Rqrd
10/26/2010	NYISO compliance filing to remove Section 23.8 – Generator-Specific Mitigation Measure from its Services Tariff	ER10-2220-002	12/06/2010	FERC letter order accepting filing effective 12/27//2010	Accepted
10/27/2010	NYISO request for waivers of NAESB Wholesale Electric Quadrant Business Practice Standards	ER11-1920 -000	12/22/2010	FERC letter order granting requested waiver effective 12/23/2010	Accepted
10/29/2010	NYISO 205 filing of proposed tariff revisions regarding credit requirements for holding TCCs	ER11-1937-000	12/06/2010	FERC letter order accepting filing effective 01/19/2011	Accepted
10/29/2010	NYISO 205 filing of proposed tariff amendments to the NYISO's Voltage Support Service program	ER11-1956-000	12/14/2010	FERC letter order accepting filing effective 01/01/2011	Accepted
11/01/2010	NYISO 205 filing of an executed LGIA among the NYISO, LIPA and Long Island Solar Farm	ER11-1975-000	12/15/2010	FERC letter order accepting filing effective 10/15/2010	Accepted
11/15/2010	NYISO compliance re: IBRT and RLS	ER10-2062-000, 001, ER10-1977- 000, 001, 002	12/21/2010	FERC letter order accepting filing effective 10/21/10	Accepted
11/29/2010	NYISO 205 filing of LGIA among NYISO, Con Edison and Bayonne Energy Center	ER11-2199-000	12/28/2010	FERC letter order accepting LGIA among NYISO, ConEd, and Bayonne	Accepted
12/01/2010	NYISO Compliance status report re: implementation of FERC's LTFTR	ER07-521-009			

Filing			Order		
Date	Filing Summary	Docket	Date	Order Summary	Outcome
	policies				
12/03/2010	NYISO Errata Filing Regarding Corrected Version of Mr. Eugene T. Meehan's Complete Affidavit re: revised ICAP demand curves	ER11-2224-000			
12/06/2010	NYISO Compliance Filing and Request for Expedited Action re: 11/26/2010 FERC Order on Proposed Revisions to In-City Buyer Side Mitigation Measures	ER10-3043-000	na		
12/07/2010	NYISO refiling of Compliance response to FERC's November 26, 2010 Order on Proposed Revisions to In-City Buyer Side Mitigation Measures to revise the filing code and correct a date in the filing letter	ER10-3043-001			
12/09/2010	NYISO filing of Answer to FERC 12/7/2010 order establishing hearing and settlement procedures	ER10-1359-001, EL10-70-000			
12/14/2010	NYISO Request for Leave to Answer and Answer to the New York City Suppliers	ER10-3043-001			
12/20/2010	NYISO filing of Annual Report re: ICAP demand curve and new generation projects in the NYCA	ER01-3001-000, ER03-647-000			
12/21/2010	NYISO 205 filing tariff re: Bidding and Scheduling of Energy, Ancillary Services and Transmission Service in the NYCA	ER11-2459-000			
12/21/2010	NYISO 205 filing re: MST RS 3 and 4 to enhance shortage pricing for Regulation Service and Operating Reserves	ER11-2454-000			
12/22/10	Amended and Restated LGIA among the NYISO, National Grid and Atlantic Wind	ER11-2499-000.			
12/22/10	NYISO motion to terminate proceedings on self supply	ER03-836-007			
12/23/10	NYISO motion to intervene and comment re: NYSRC filing of IRM for 2011-2012	ER11-2392-000			
12/28/10	NYISO 205 Joint Filing of Steel Winds II SGIA among the NYISO, NMPC, NWP and Erie Wind, SA No. 1676	ER11-2533-000			

Filing Date	Filing Summary	Docket	Order Date	Order Summary	Outcome
12/28/10	NYISO 205 filing of Steel Winds I SGIA by and among the NMPC, NWP and Erie Wind	ER11-2535-000			
12/28/10	NYISO 205 filing of tariff revisions re: market power mitigation measures	ER11-2544-000			
12/28/10	NYISO filing of an answer to HTP and Incumbent Generators' protests re: in- city buyer side mitigation compliance filing	ER10-3043-001			
12/28/10	NYISO 205 filing of tariff revisions to support Enhanced Interregional Transaction Coordination	ER11-2547-000			