

# Monthly Report

August 2010

Rana Mukerji

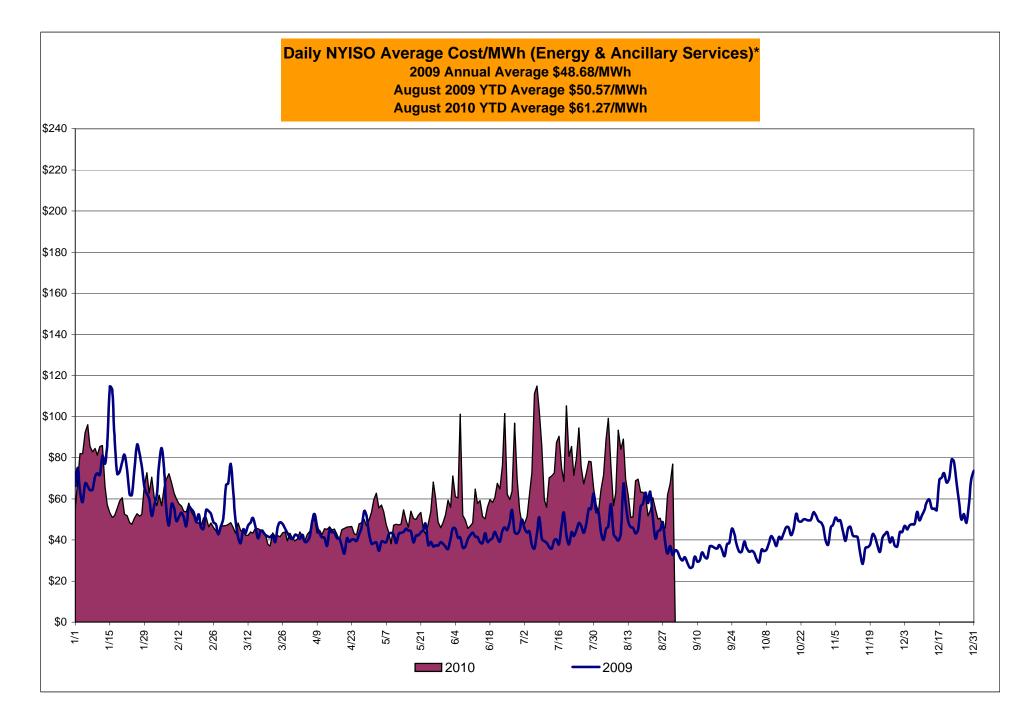
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# Market Performance Highlights for August 2010

- LBMP for August is \$64.99/MWh, down from \$74.85/MWh in July 2010.
  - Average monthly cost is \$67.69/MWh, down from \$78.45/MWh in July 2010.
  - Day Ahead and Real Time LBMPs have decreased from July 2010.
- Average daily sendout is 514GWh/day in August, down from 558GWh/day in July 2010 and higher than the August 2009 sendout of 511GWh/day.
- Natural Gas prices are down while distillates are up compared to last month.
  - Kerosene is \$15.81/MMBtu, up from \$15.39/MMBtu in July.
  - No. 2 Fuel Oil is \$14.36/MMBtu, up from \$14.03/MMBtu in July.
  - No. 6 Fuel Oil is \$12.15/MMBtu, up from \$11.49/MMBtu in July.
  - Natural Gas is \$4.69/MMBtu, down from \$5.07/MMBtu in July.
- Uplift per MWh is down from the previous month.
  - Uplift (not including NYISO cost of operations) is \$0.42/MWh, down from \$0.97/MWh in July:
    - The TSA Share is \$0.02/MWh
    - The Local Reliability Share is \$0.31/MWh
    - The Other Share is \$0.09/MWh
  - Total uplift (Schedule 1 components including NYISO Cost of Operations) is lower than in July.



\* Excludes ICAP payments.

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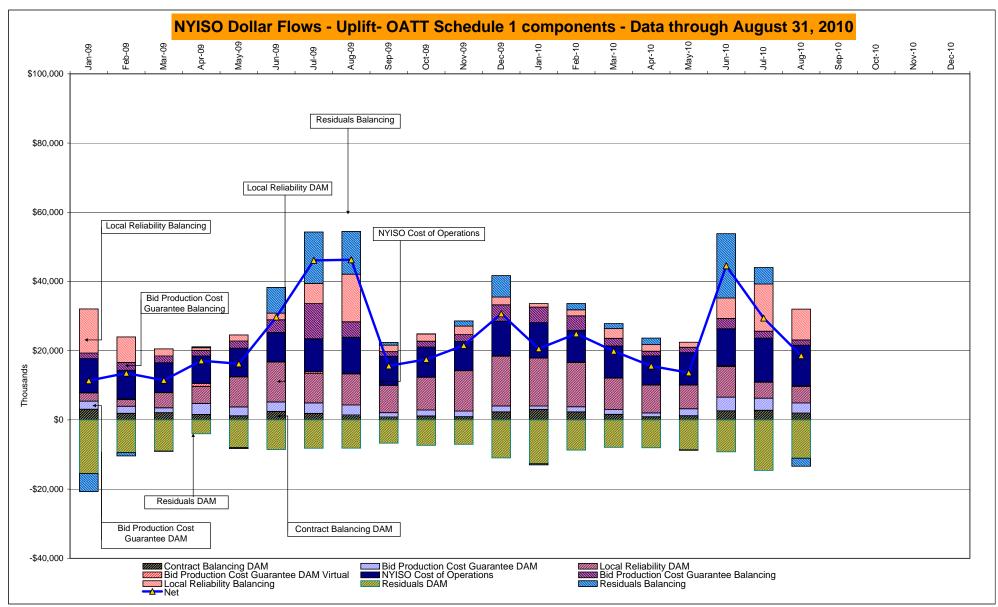
2010	January	February	March	April	May	June	July	August	September	October	November	December
LBMP	63.90	52.44	40.19	41.56	48.82	59.09	74.85	64.99	<u> </u>			
NTAC	0.70	0.77	0.88	1.19	0.95	1.46	0.95	0.60				
Reserve	0.19	0.17	0.26	0.29	0.32	0.14	0.21	0.18				
Regulation	0.44	0.37	0.40	0.32	0.30	0.31	0.32	0.35				
NYISO Cost of Operations	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71				
Uplift	0.73	1.22	0.82	0.61	0.32	2.31	0.97	0.42				
Uplift: TSA Share	-	-	-	-	0.03	0.69	0.29	0.02				
Uplift: Local Reliability Share	0.53	0.72	0.49	0.39	0.19	0.76	0.60	0.31				
Uplift: Other Share	0.20	0.50	0.33	0.22	0.10	0.86	0.08	0.09				
Voltage Support and Black Start	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44				
Avg Monthly Cost	67.11	56.13	43.71	45.13	51.87	64.46	78.45	67.69				
Avg YTD Cost	67.11	62.05	56.30	53.63	53.28	55.47	60.12	61.27				
2009	January	February	March	<u>April</u>	May	<u>June</u>	July	August	<u>September</u>	<u>October</u>	November	December
<b>2009</b> 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	December 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	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	39.01 0.77 0.23 0.37	40.68 0.63 0.24 0.29	43.65 0.61 0.16 0.24	31.74 0.62 0.24 0.32	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	73.30 0.45 0.26 0.45 0.65	52.75 0.53 0.35 0.48 0.65	45.64 0.36 0.31 0.55 0.65	39.66 0.87 0.24 0.37 0.65	37.83 0.58 0.30 0.31 0.65	39.01 0.77 0.23 0.37 0.65	40.68 0.63 0.24 0.29 0.65	43.65 0.61 0.16 0.24 0.65	31.74 0.62 0.24 0.32 0.65	39.74 0.65 0.26 0.44 0.69	37.87 0.81 0.20 0.38 0.69	55.64 0.76 0.21 0.42 0.69
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift	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	39.66 0.87 0.24 0.37 0.65 0.67	37.83 0.58 0.30 0.31 0.65 0.63	39.01 0.77 0.23 0.37 0.65 1.71	40.68 0.63 0.24 0.29 0.65 2.66	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 0.69 0.70	37.87 0.81 0.20 0.38 0.69 1.07	55.64 0.76 0.21 0.42 0.69 1.43
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA 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	37.83 0.58 0.30 0.31 0.65 0.63 0.02 0.41 0.20	39.01 0.77 0.23 0.37 0.65 1.71 0.45	40.68 0.63 0.24 0.29 0.65 2.66 0.75	43.65 0.61 0.24 0.65 2.74 0.47 1.35 0.92	31.74 0.62 0.24 0.32 0.65 0.62 - 0.39 0.23	39.74 0.65 0.26 0.44 0.69 0.70	37.87 0.81 0.20 0.38 0.69 1.07 - 0.70 0.37	55.64 0.76 0.21 0.42 0.69 1.43
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 0.02 0.41	39.01 0.77 0.23 0.37 0.65 1.71 0.45 0.78	40.68 0.63 0.24 0.29 0.65 2.66 0.75 0.83	43.65 0.61 0.24 0.65 2.74 0.47 1.35	31.74 0.62 0.24 0.32 0.65 0.62	39.74 0.65 0.26 0.44 0.69 0.70	37.87 0.81 0.20 0.38 0.69 1.07 - 0.70	55.64 0.76 0.21 0.42 0.69 1.43
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 0.02 0.41 0.20	39.01 0.77 0.23 0.37 0.65 1.71 0.45 0.78 0.48	40.68 0.63 0.24 0.29 0.65 2.66 0.75 0.83 1.08	43.65 0.61 0.24 0.65 2.74 0.47 1.35 0.92	31.74 0.62 0.24 0.32 0.65 0.62 - 0.39 0.23	39.74 0.65 0.26 0.44 0.69 0.70 - 0.46 0.24	37.87 0.81 0.20 0.38 0.69 1.07 - 0.70 0.37	55.64 0.76 0.21 0.42 0.69 1.43 - 0.78 0.65

<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 May 2010.

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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></u>								
<u>2010</u>	<u>January</u>	February	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	<u>September</u>	October	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				
DAM LSE Internal LBMP Energy Sales	49%	46%	47%	53%	47%	49%	53%	51%				
DAM External TC LBMP Energy Sales	2%	3%	1%	1%	1%	2%	3%	2%				
DAM Bilateral - Internal Bilaterals	41%	43%	43%	39%	44%	42%	38%	40%				
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	6%	5%	5%	4%	5%	5%	4%	4%				
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	2%	2%	1%	1%	1%				
DAM Bilateral - Wheel Through Bilaterals	2%	1%	1%	1%	1%	1%	1%	1%				
Balancing Energy Market MWh	377,242	280,238	21,148	637	341,742	735,521	1,162,690	899,978				
Balancing Energy LSE Internal LBMP Energy Sales	40%	53%	-427%	-14017%	61%	87%	94%	75%				
Balancing Energy External TC LBMP Energy Sales	56%	50%	593%	17099%	44%	11%	9%	26%				
Balancing Energy Bilateral - Internal Bilaterals	10%	7%	191%	6847%	7%	10%	3%	4%				
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	2%	35%	1%	0%	0%	0%				
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%	117%	3606%	6%	3%	1%	2%				
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%	-376%	-13470%	-19%	-10%	-7%	-7%				
Transactions Summary												
LBMP	52%	50%	49%	54%	50%	54%	59%	56%				
Internal Bilaterals	40%	43%	43%	39%	43%	40%	36%	38%				
Import Bilaterals	5%	5%	5%	4%	5%	5%	4%	4%				
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%				
Wheels Through	1%	1%	1%	1%	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%				
Balancing Energy +	2.6%	2.2%	0.2%	0.0%	2.6%	4.9%	6.5%	5.5%				
Total MWH	14,412,023	12,873,543	12,944,078	11,770,104	13,136,851	14,999,065	17,770,731	16,436,689				
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514				
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	12,324,218	13,159,069	14,549,784	15,547,976	12,761,517	12,385,591	12,446,286	14,046,621
	, ,	12,511,009 44%		12,121,505 47%	12,324,218 43%	13,159,069 48%	, ,		12,761,517 53%		12,446,286 47%	14,046,621 46%
DAM LSE Internal LBMP Energy Sales	14,570,391 45% 4%	, ,	13,160,913 46% 1%		, ,	, ,	14,549,784 51% 1%	15,547,976 53% 1%	53%	12,385,591 50% 1%	, ,	46%
	45%	44%	46%	47%	43%	48%	51%	53%		50%	47%	1 1 -
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 DAM Bilateral - Importl/Non-LBMP Market 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	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 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%
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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 <b>Balancing Energy Market MWh</b> Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals 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 <b>Transactions Summary</b> LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through	45% 4% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2%	44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 46% 46% 5% 2%	46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2%	47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2%	43% 2% 48% 5% 2% 272,508 28% 74% 10% 0% 4% -15% 46% 47% 5% 2%	48% 2% 43% 5% 1% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1%	51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1%	53% 1% 40% 5% 1% 5% 29% 6% 29% 6% 0% 2% 6% 2% 55% 38% 55% 38% 5% 1%	53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8% 55% 38% 55% 38% 5% 1%	50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 0% 0% -16% 52% 42% 42% 4% 2%	47% 2% 44% 5% 2% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2%	46% 3% 43% 5% 1% 1% 431,981 49% 46% 7% 0% 8% -10% 50% 42% 5%
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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 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 Bilaterals Balancing	45% 4% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2%	44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 46% 46% 5% 2%	46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2%	47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2%	43% 2% 48% 5% 2% 272,508 28% 74% 10% 0% 4% -15% 46% 47% 5% 2%	48% 2% 43% 5% 1% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1%	51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1%	53% 1% 40% 5% 1% 5% 29% 6% 29% 6% 0% 2% 6% 2% 55% 38% 55% 38% 5% 1%	53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8% 55% 38% 55% 38% 5% 1%	50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 0% 0% -16% 52% 42% 42% 4% 2%	47% 2% 44% 5% 2% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2%	46% 3% 43% 5% 1% 1% 431,981 49% 46% 7% 0% 8% -10% 50% 42% 5% 2%
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 Bilateral - Internal Bilaterals 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 Balancing Energy Bilaterals Import Bilaterals Import Bilaterals Export Bilaterals Day Ahead Market Balancing Energy +	45% 4% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 2% 0% 95.4% 4.6%	44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0% 0% 97.8% 2.2%	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% 98.8% 1.2%	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% 0%	51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1% 1% 99.1% 0.9%	53% 1% 40% 5% 1% 560,968 65% 29% 6% 0% 29% 6% 0% 22% -2% 55% 38% 5% 1% 1% 1% 96.5% 3.5%	53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8% 55% 38% 55% 38% 55% 1% 1% 1% 98.7% 1.3%	50% 1% 43% 2% 1% 238,124 54% 0% 0% 0% 0% 9% -16% 52% 42% 42% 42% 42% 1% 1.9%	47% 2% 44% 5% 2% -165,015 -124% 6% 6% 0% 14% -50% 48% 45% 5% 2% 0% 0%	46% 3% 43% 5% 1% 1% 431,981 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 2% 1% 1% 97.0% 3.0%
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 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 Bilaterals Balancing	45% 4% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 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% 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%	51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1% 1% 99.1% 0.9%	53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 6% 0% 2% -2% 55% 38% 55% 38% 1% 1% 1%	53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8% 55% 38% 55% 38% 55% 1% 1% 1% 98.7% 1.3%	50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16% 52% 42% 42% 42% 42% 1% 98.1%	47% 2% 44% 5% 2% -165,015 -124% 6% 0% 14% -50% 48% 45% 2% 0% 101.3%	46% 3% 43% 5% 1% 1% 431,981 49% 46% 46% 7% 0% 8% -10% 50% 42% 5% 2% 2% 1% 97.0% 3.0%

+ 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.

Market Monitoring Prepared: 9/8/2010 4:11 PM

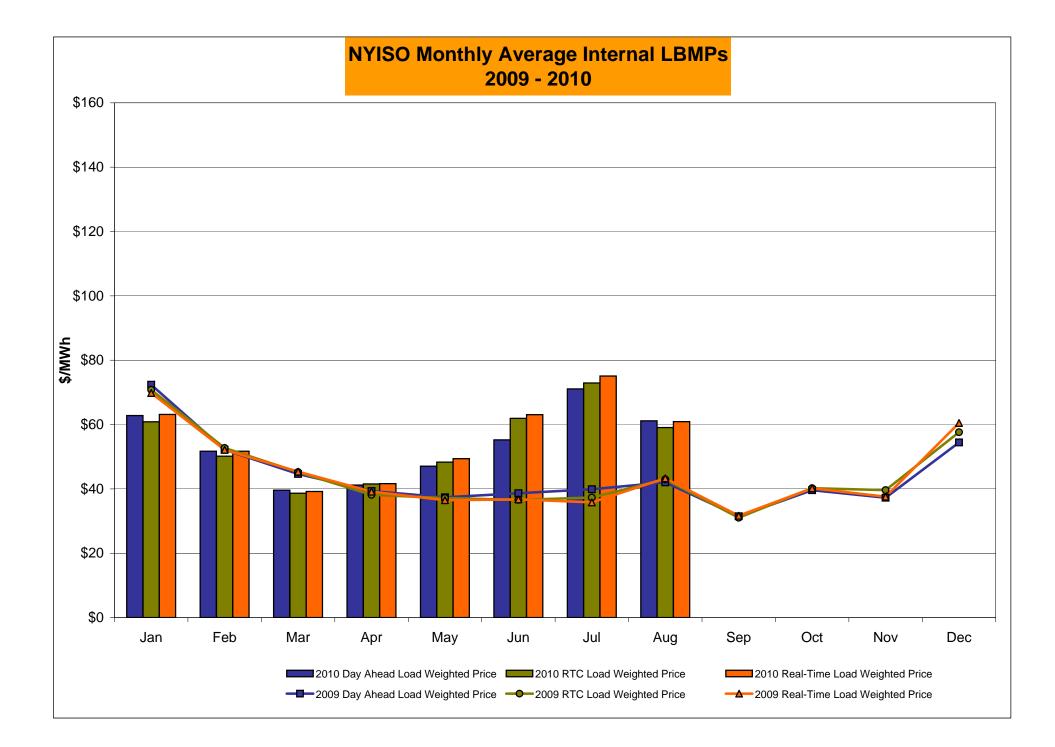
#### NYISO Markets 2010 Energy Statistics

	<u>January</u>	<b>February</b>	March	<u>April</u>	May	<u>June</u>	July	August Septem	ber October November December
DAY AHEAD LBMP	-	-			-		-		
Price *	\$60.96	\$50.47	\$38.69	\$40.13	\$45.29	\$52.71	\$66.67	\$57.80	
Standard Deviation	\$20.86	\$13.07	\$7.78	\$8.09	\$11.45	\$16.14	\$28.01	\$21.60	
Load Weighted Price **	\$62.80	\$51.71	\$39.60	\$41.18	\$47.04	\$55.22	\$71.08	\$61.16	
RTC LBMP									
Price *	\$59.32	\$49.38	\$37.94	\$40.58	\$46.70	\$58.69	\$68.36	\$55.78	
Standard Deviation	\$33.92	\$24.97	\$14.48	\$13.84	\$21.47	\$58.47	\$51.68	\$48.01	
Load Weighted Price **	\$60.85	\$50.16	\$38.64	\$41.54	\$48.31	\$61.91	\$72.92	\$59.07	
REAL TIME LBMP									
Price *	\$60.40	\$50.45	\$38.09	\$40.49	\$47.17	\$58.49	\$69.42	\$56.28	
Standard Deviation	\$42.06	\$30.38	\$19.24	\$17.00	\$28.15	\$56.05	\$56.60	\$41.46	
Load Weighted Price **	\$63.13	\$51.69	\$39.19	\$41.62	\$49.38	\$63.06	\$75.08	\$60.89	
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514	

#### NYISO Markets 2009 Energy Statistics

	<u>January</u>	February	March	April	May	June	July	<u>August</u>	September	<u>October</u>	November [	December
DAY AHEAD LBMP 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.

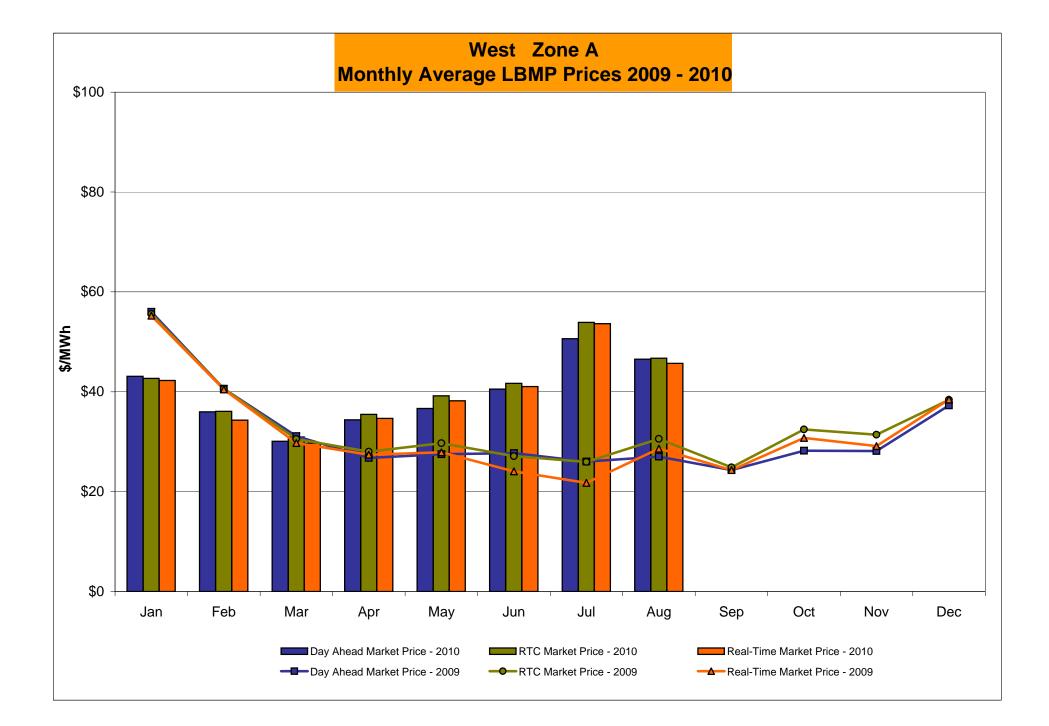


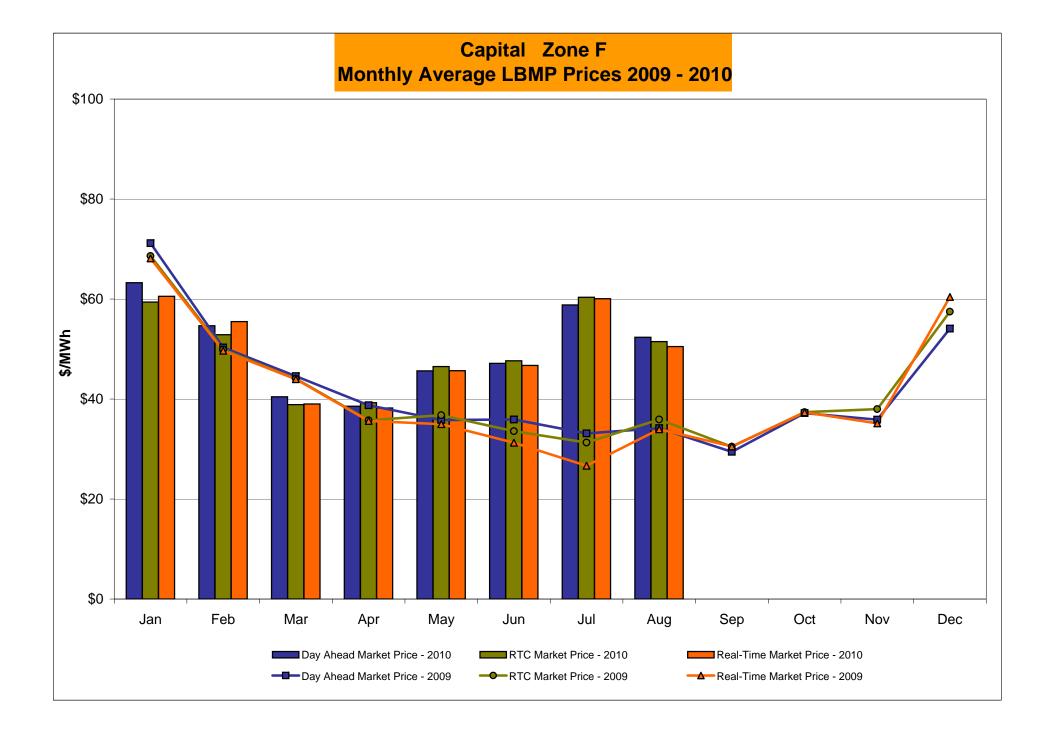
#### August 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

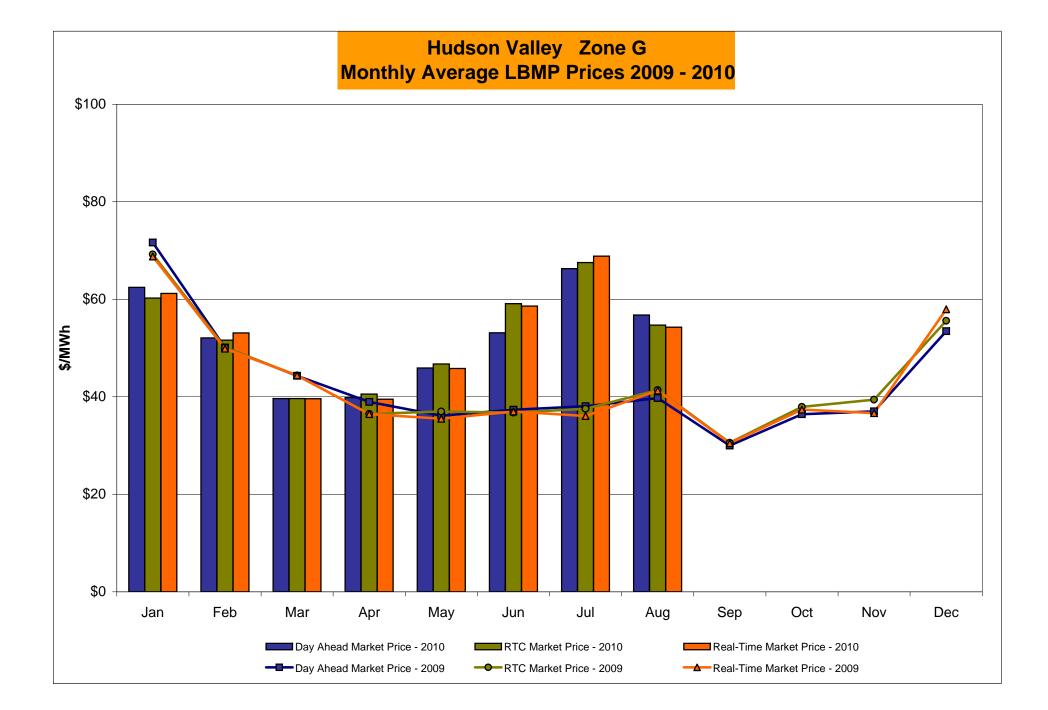
	WEST <u>Zone A</u>	GENESEE Zone B	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD <u>Zone H</u>	DUNWOODIE <u>Zone I</u>	NEW YORK CITY <u>Zone J</u>	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP		10.00	10.00	10.00							
Unweighted Price *	46.52	48.63	48.36	49.28	51.33	52.34	56.78	57.62	57.78	62.47	67.32
Standard Deviation	12.42	13.41	12.17	13.71	14.60	15.18	22.22	24.55	24.73	25.08	33.62
RTC LBMP											
Unweighted Price *	46.73	48.49	48.14	49.03	50.73	51.50	54.72	55.20	55.36	57.76	67.62
Standard Deviation	28.42	30.27	29.23	30.89	33.29	34.22	51.82	56.93	57.37	56.94	70.45
REAL TIME LBMP	45.70	47.43	47.12	47.91	49.66	50.49	54.29	E4 96	55.04	57.90	72.97
Unweighted Price *		-		-				54.86			-
Standard Deviation	27.45	29.08	27.87	29.51	31.08	31.94	43.25	46.99	47.32	47.73	70.61

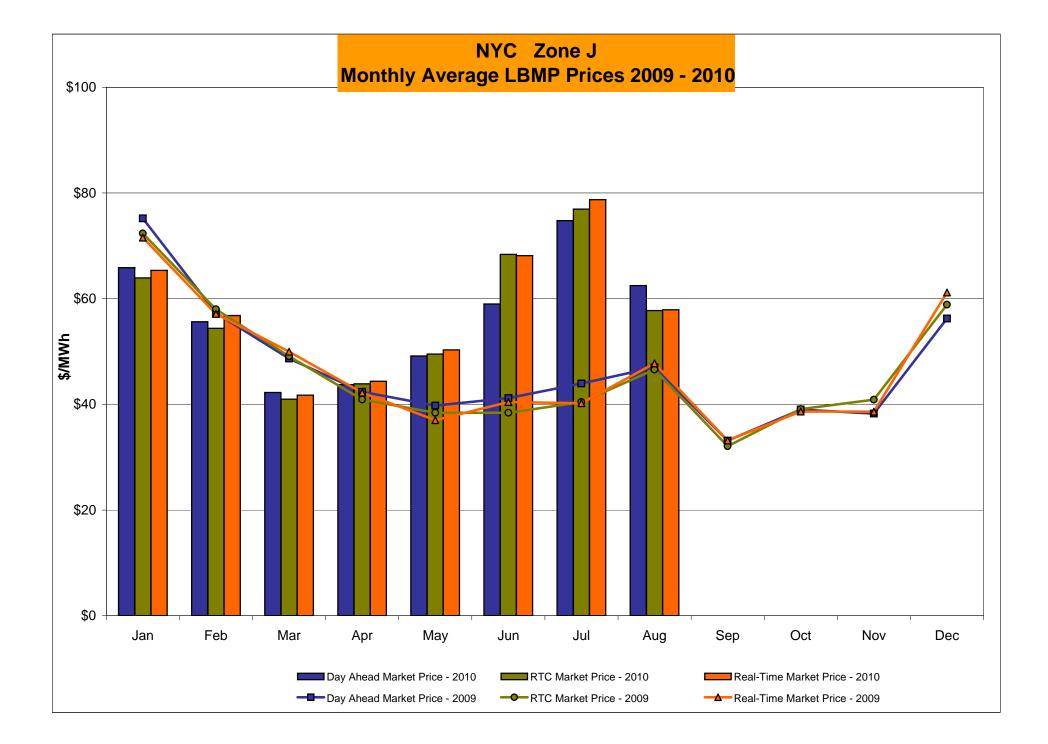
	ONTARIO IESO	HYDRO QUEBEC (Wheel) (	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE	NORTHPORT- NORWALK	NEPTUNE		Dennison
	Zone O	Zone M	Zone M	Zone P	Zone N	Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
DAY AHEAD LBMP	20110-0	<u>Zone m</u>		201101	Zone n					
Unweighted Price *	45.89	48.67	48.57	52.47	53.89	66.66	52.13	66.05	54.53	48.07
Standard Deviation	11.93	12.64	12.59	19.21	18.13	33.74	34.47	33.30	13.71	11.96
RTC LBMP										
Unweighted Price *	44.92	29.90	29.21	50.48	51.24	63.04	61.24	63.02	50.38	39.81
Standard Deviation	15.65	118.80	119.27	20.78	20.06	42.28	41.99	42.47	44.73	83.70
REAL TIME LBMP										
Unweighted Price *	44.82	45.16	44.64	48.00	51.46	69.62	67.80	69.65	53.26	46.28
Standard Deviation	20.06	19.36	18.38	24.17	24.64	58.45	58.15	58.62	24.75	19.48

\* Straight LBMP averages

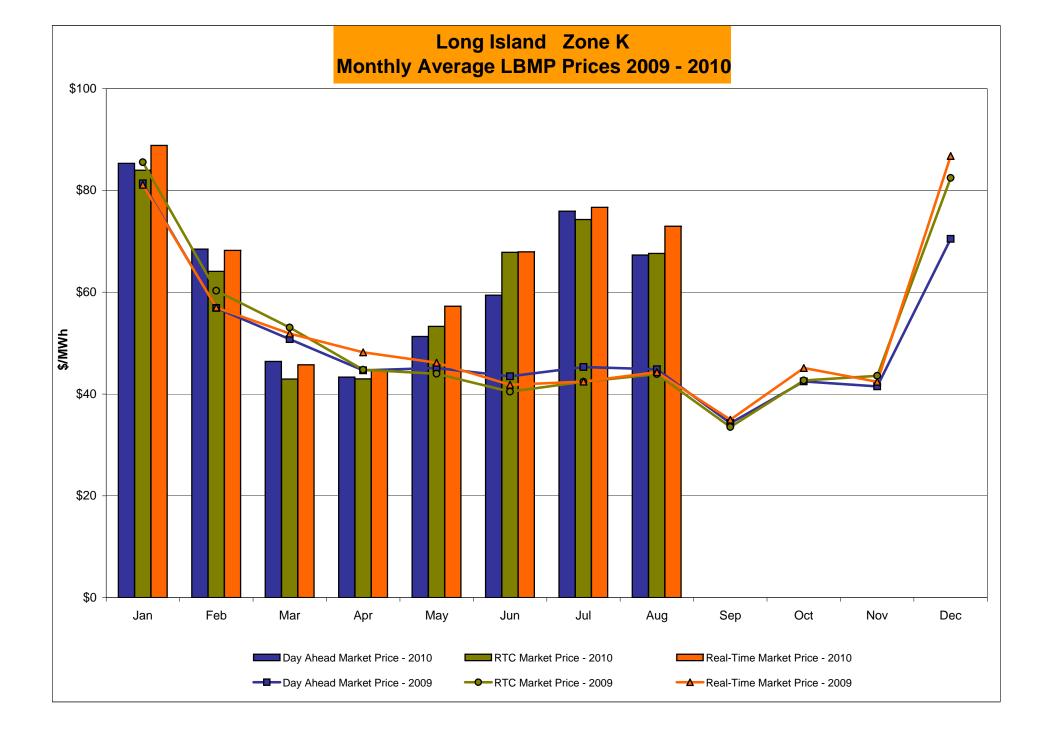


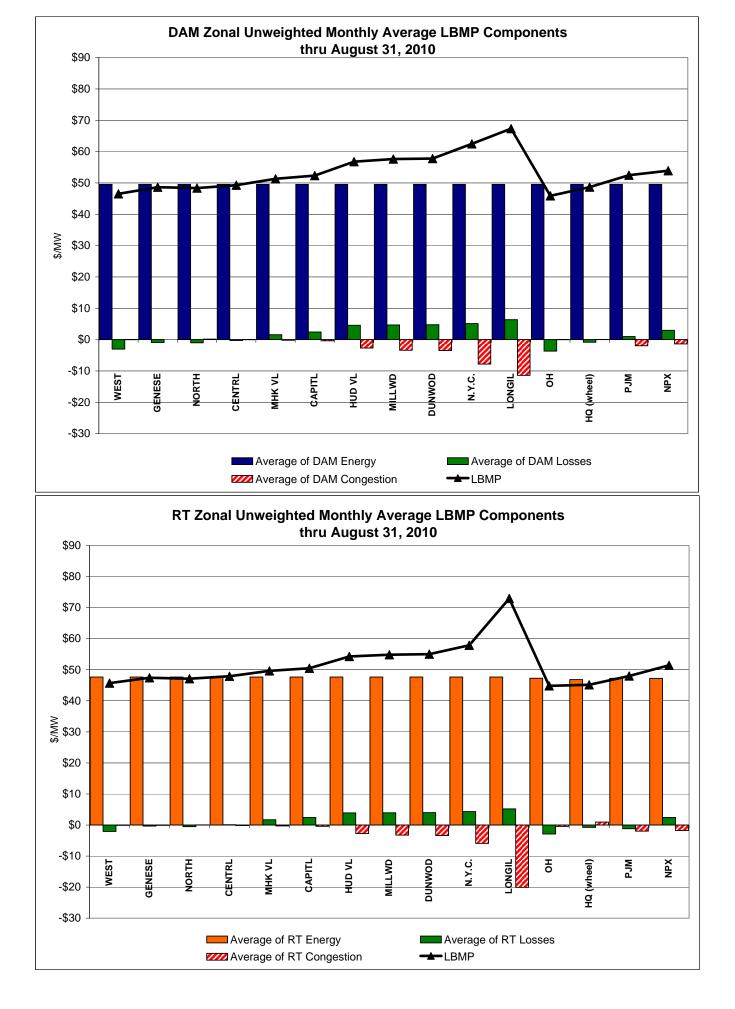






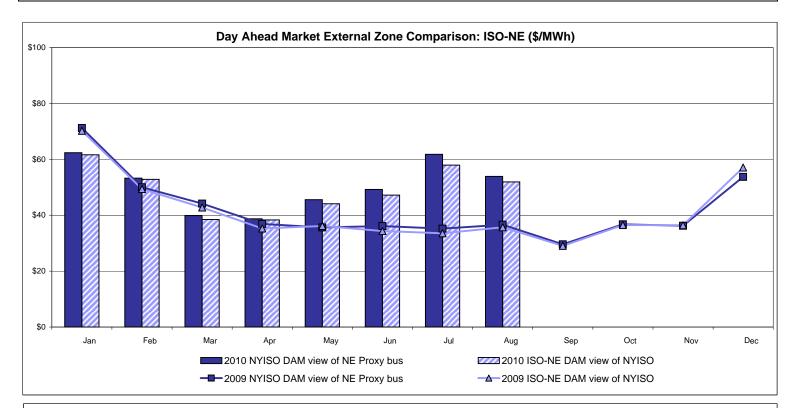
Market Mitigation and Analysis Prepared:9/3/2010 2:54 PM

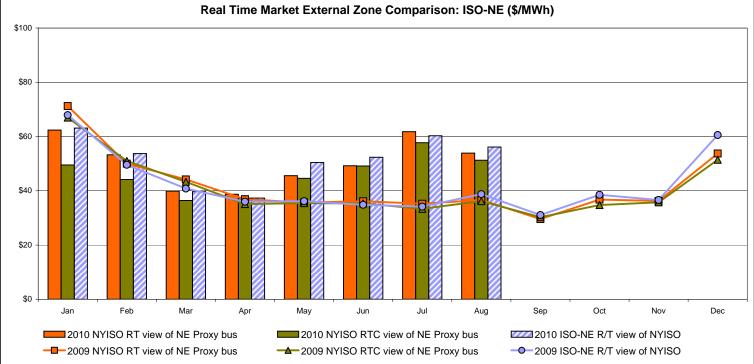




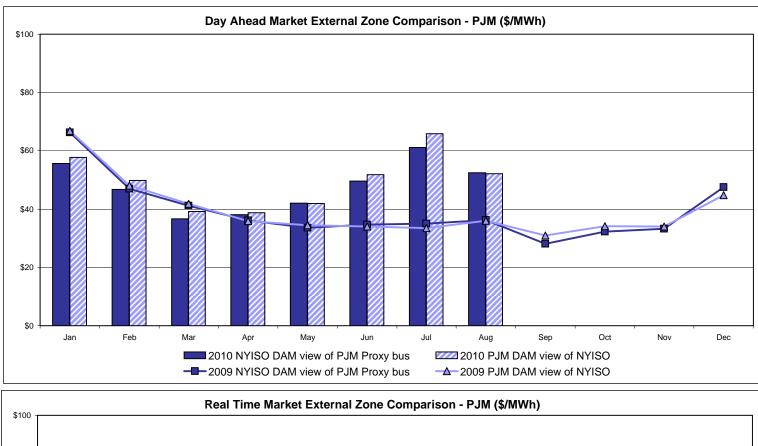
Market Mitigation and Analysis Prepared:9/3/2010 3:06 PM

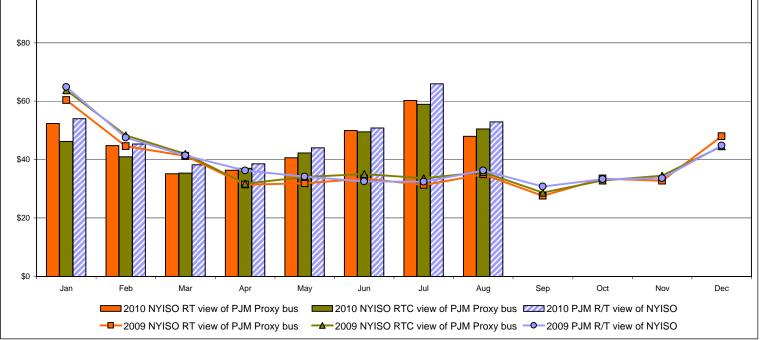
# External Comparison ISO-New England



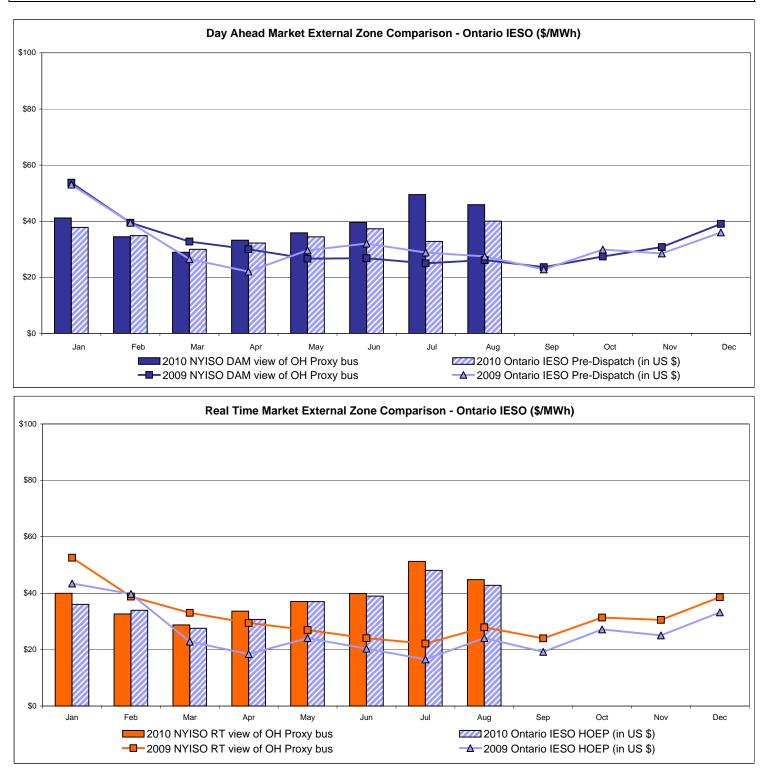


## **External Comparison PJM**

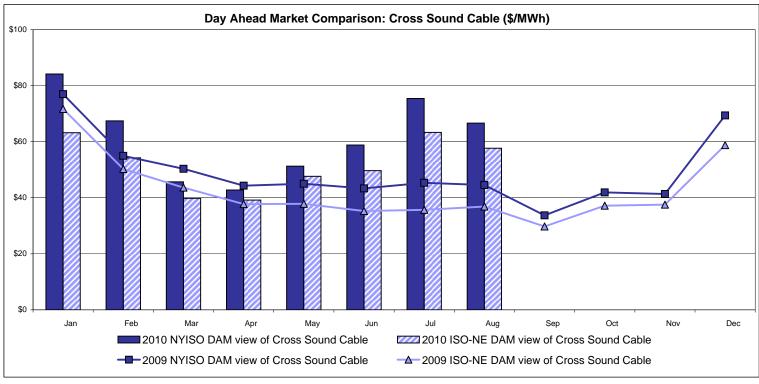




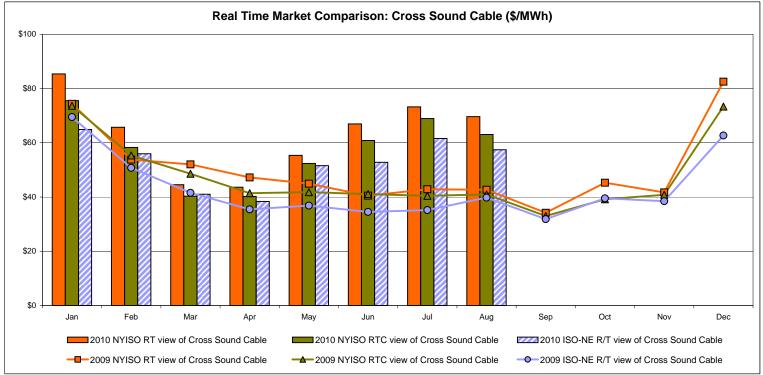
### **External Comparison Ontario IESO**



Notes: Exchange factor used for August 2010 was 0.96 to US \$ HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price



# External Controllable Line: Cross Sound Cable (New England)

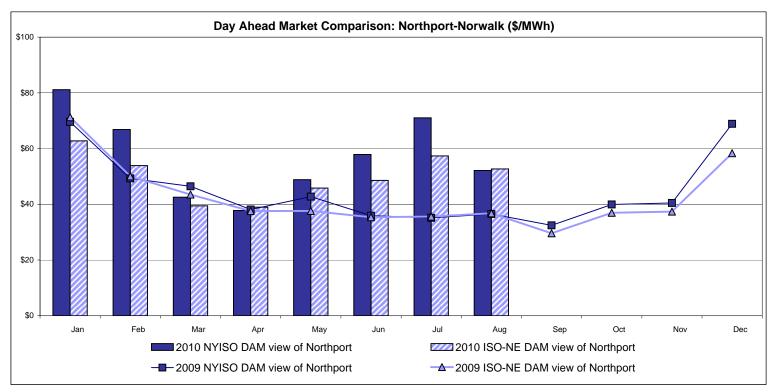


Note:

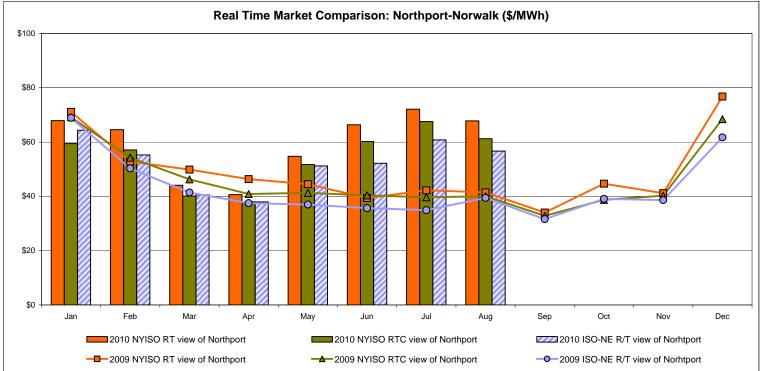
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)

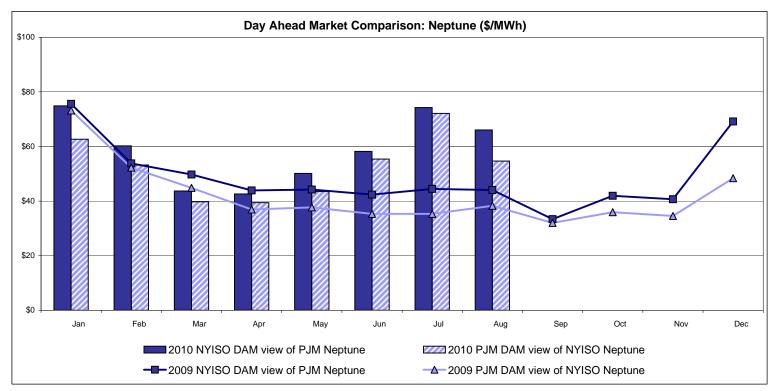


#### Note:

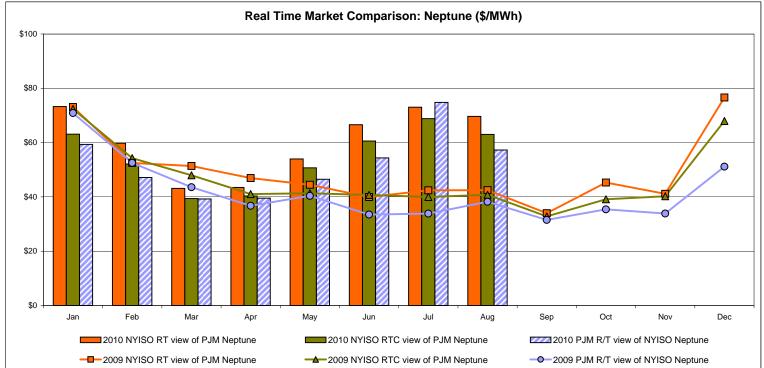
ISO-NE Forecast is an advisory posting @ 18:00 day before.

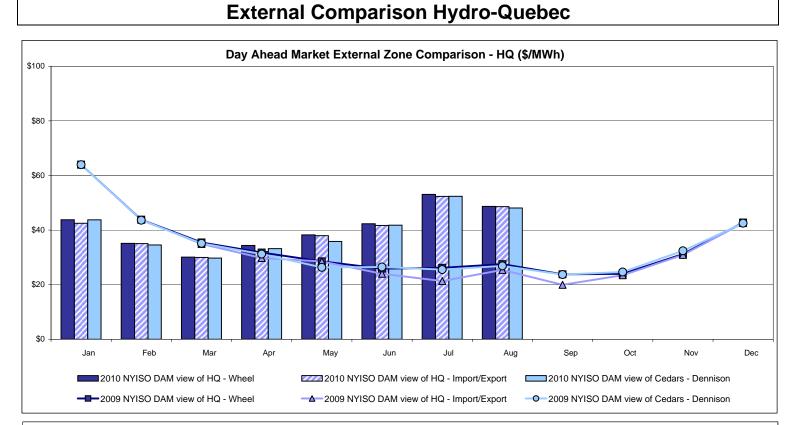
The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.

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



# External Controllable Line: Neptune (PJM)

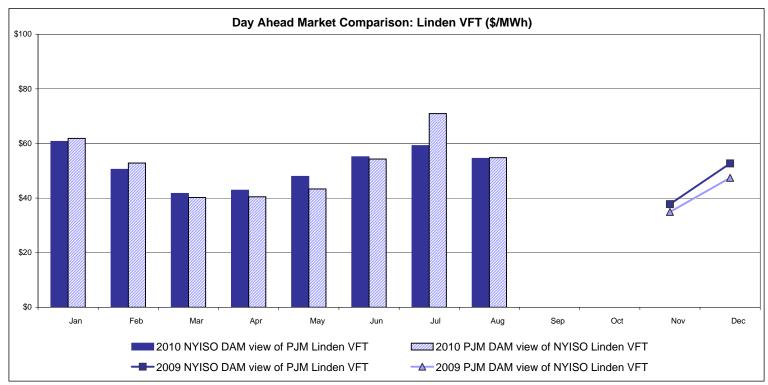




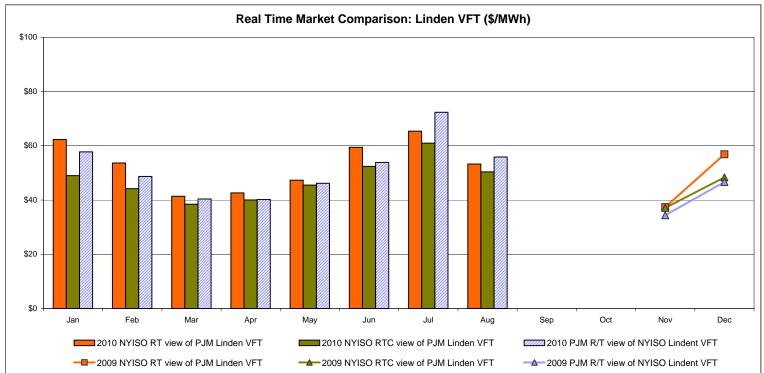
#### Real Time Market External Zone Comparison - HQ (\$/MWh) \$100 \$80 \$60 \$40 R \$20 \$0 Jan Feb Mar Apr May Jul Oct Dec Jun Aug Sep Nov 2010 NYISO RT view of HQ - Wheel 2010 NYISO RT view of HQ - Import/Export 2010 NYISO RT view of Cedars - Dennison -D-2009 NYISO RT view of HQ - Wheel -O-2009 NYISO RT view of Cedars - Dennison - 2009 NYISO RT view of HQ - Import/Export

Note:

Hydro-Quebec Prices are unavailable.



# External Controllable Line: Linden VFT (PJM)

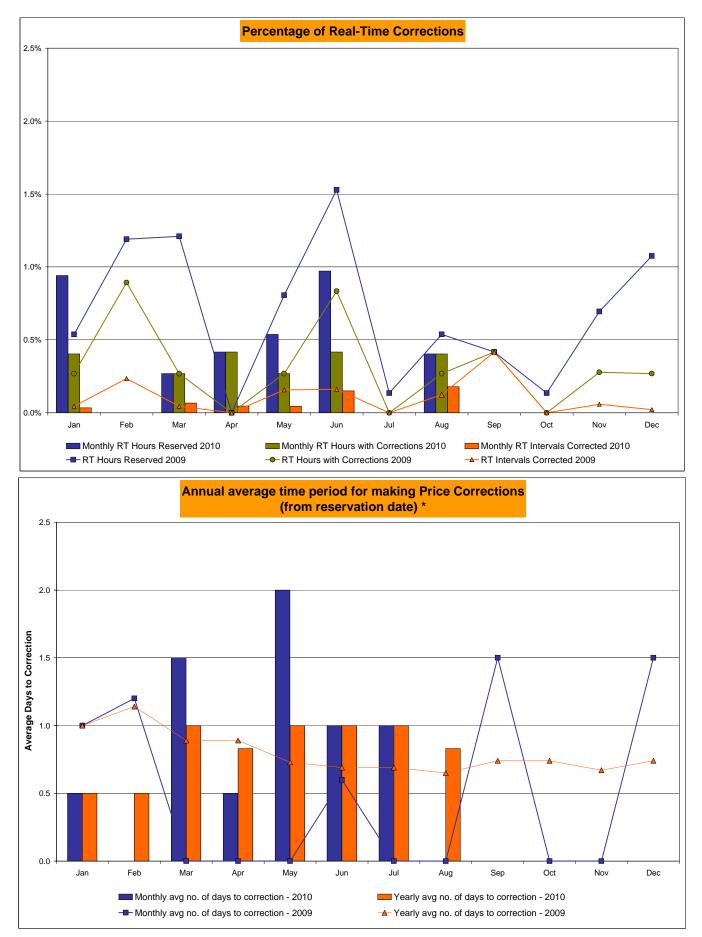


Note: Linden VFT Scheduled Line Data available beginning 11/1/2009.

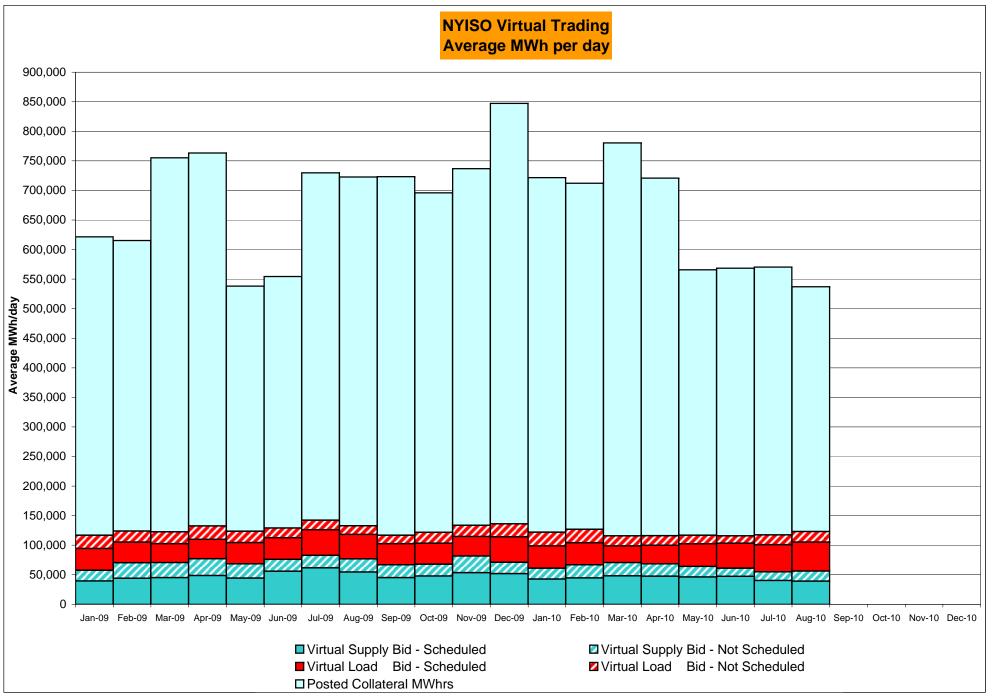
#### **NYISO Real Time Price Correction Statistics**

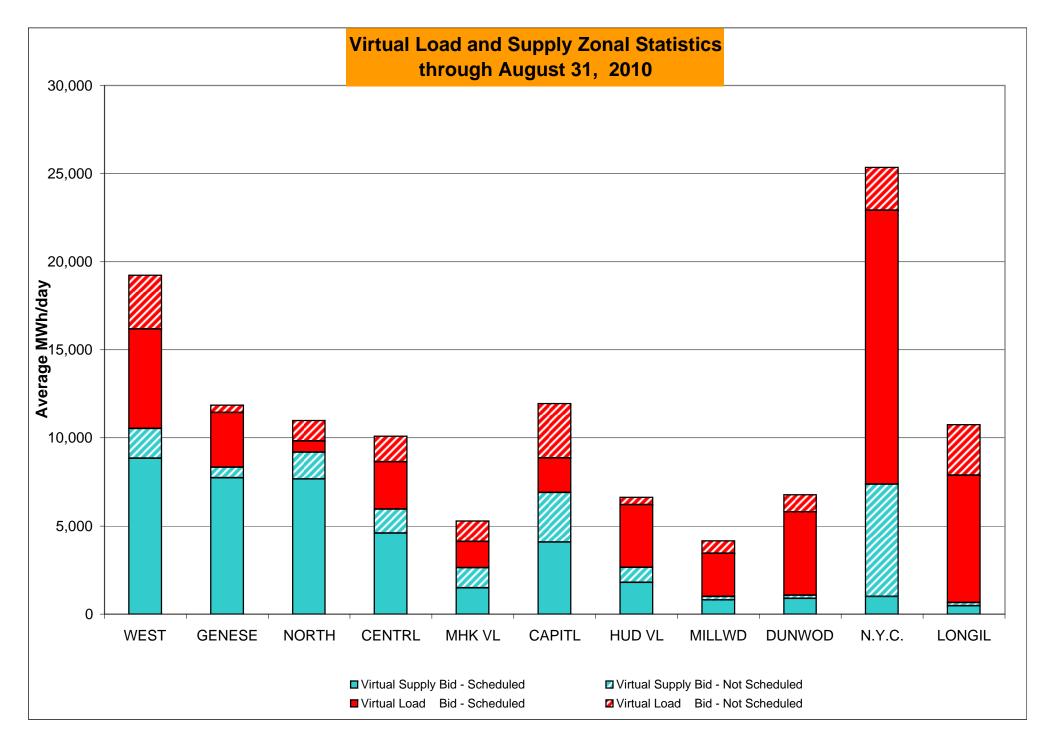
<u>2010</u>		<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections Number of hours with corrections	in the meanth	3	0	2	3	2	3	0	3				
Number of hours	in the month in the month	5 744	672	2 744	720	2 744	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%				
% of hours with corrections Interval Corrections	year-to-date	0.40%	0.21%	0.23%	0.28%	0.28%	0.30%	0.26%	0.27%				<u> </u>
Number of intervals corrected	in the month	3	0	6	4	4	13	0	16				
Number of intervals	in the month	8,934	8,057	8,913	8,640	8,946	8.660	8,955	8,955				
% of intervals corrected	in the month	0.03%	0.00%	0.07%	0.05%	0.04%	0.15%	0.00%	0.18%				
% of intervals corrected	vear-to-date	0.03%	0.02%	0.03%	0.04%	0.04%	0.06%	0.05%	0.07%				
Hours Reserved	year-io-uaie	0.0378	0.0278	0.0378	0.0478	0.0478	0.0078	0.0378	0.07 /6				
Number of hours reserved	in the month	7	0	2	3	4	7	0	3				
Number of hours	in the month	744	672	744	720	744	720	744	744				
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.42%	0.54%	0.97%	0.00%	0.40%				
% of hours reserved Days to Correction *	year-to-date	0.94%	0.49%	0.42%	0.42%	0.44%	0.53%	0.45%	0.45%				
	in the meanth	0.50	0.00	1 50	0.50	2.00	1.00	1.00	0.00				
Avg. number of days to correction Avg. number of days to correction	in the month	0.50 0.50	0.00 0.50	1.50 1.00	0.50 0.83	2.00 1.00	1.00 1.00	1.00 1.00	0.00 0.83				
Days Without Corrections	year-to-date	0.50	0.50	1.00	0.65	1.00	1.00	1.00	0.65				
Days without corrections	in the month	29	28	29	28	30	28	31	29				
Days without corrections	vear-to-date	29	28 57	29 86	114	144	172	203	29				
Days without corrections	year-to-date	25	57	00	114	144	172	200	202				
<u>2009</u>		<u>January</u>	<b>February</b>	March	April	May	June	July	August	<u>September</u>	<u>October</u>	November	December
<u>2009</u> Hour Corrections		<u>January</u>	<b>February</b>	March	<u>April</u>	May	<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	2 744	6 672	2 744	0 720	2 744	6 720	0 744	2 744	3 720	0 744	2 720	2 744
Hour Corrections Number of hours with corrections Number of hours % 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	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%	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% 0	2 744 0.27% 0.34%	3 720 0.42% 0.35% 36	0 744 0.00% <u>0.32%</u> 0	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 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 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 with corrections         % of hours with corrections         Interval Corrections         Number of intervals corrected         Number 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% 1	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%
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of neuros         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         % of hours reserved         % 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%
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         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         % of hours reserved         % of hours reserved         % 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	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 0.04% 4 744 0.54% 0.54%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53% 0.87%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.42% 0.70%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68%
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         % 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	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 0.04% 4 744 0.54% 0.54% 1.00	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85% 1.20	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97% 0.00	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73% 0.00	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75% 0.00	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53% 0.87% 0.60	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77% 0.00	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74% 0.00	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.42% 0.70% 1.50	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64% 0.00	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65% 0.00	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68% 1.50
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 in the month	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 0.04% 4 744 0.54% 0.54% 1.00	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85% 1.20	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97% 0.00	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73% 0.00	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75% 0.00	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53% 0.87% 0.60	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77% 0.00	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74% 0.00	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.42% 0.70% 1.50	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64% 0.00	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65% 0.00	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68% 1.50
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         Mumber of hours reserved         Number of hours reserved         % of hours reserved         % of hours reserved         % of hours reserved         Avg. number of days to correction Avg. number of days to correction         Avg. number of days to correction	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	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 0.04% 4 744 0.54% 0.54% 0.54% 1.00 1.00	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85% 1.20 1.14	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97% 0.00 0.89	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73% 0.00 0.89	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75% 0.00 0.73	6 720 0.83% 0.41% 14 8,655 0.16% 0.16% 0.11% 11 720 1.53% 0.87% 0.60 0.69	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77% 0.00 0.69	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74% 0.00 0.65	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.70% 1.50 0.74	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64% 0.00 0.74	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65% 0.00 0.67	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68% 1.50 0.74

\* Calendar days from reservation date.



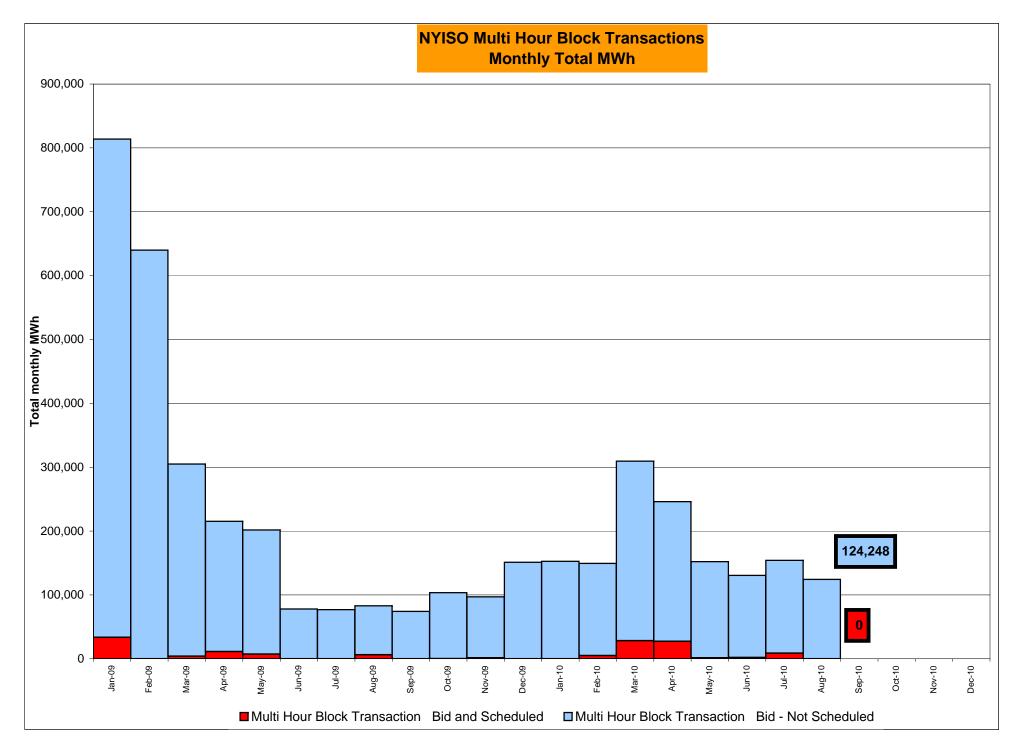
\* Calendar days from reservation date.



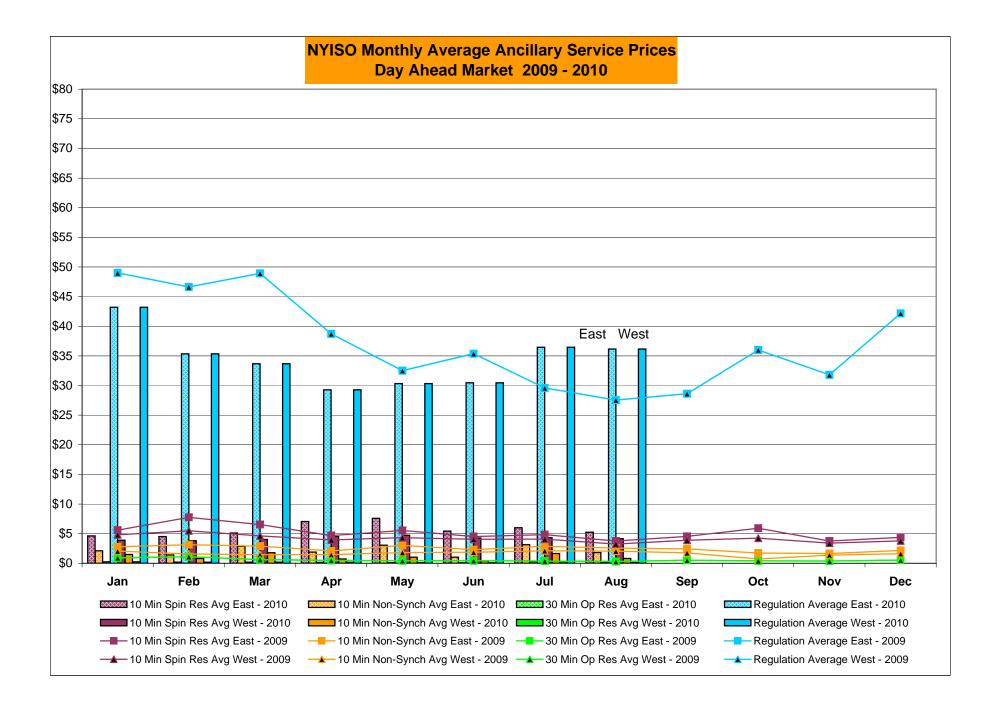


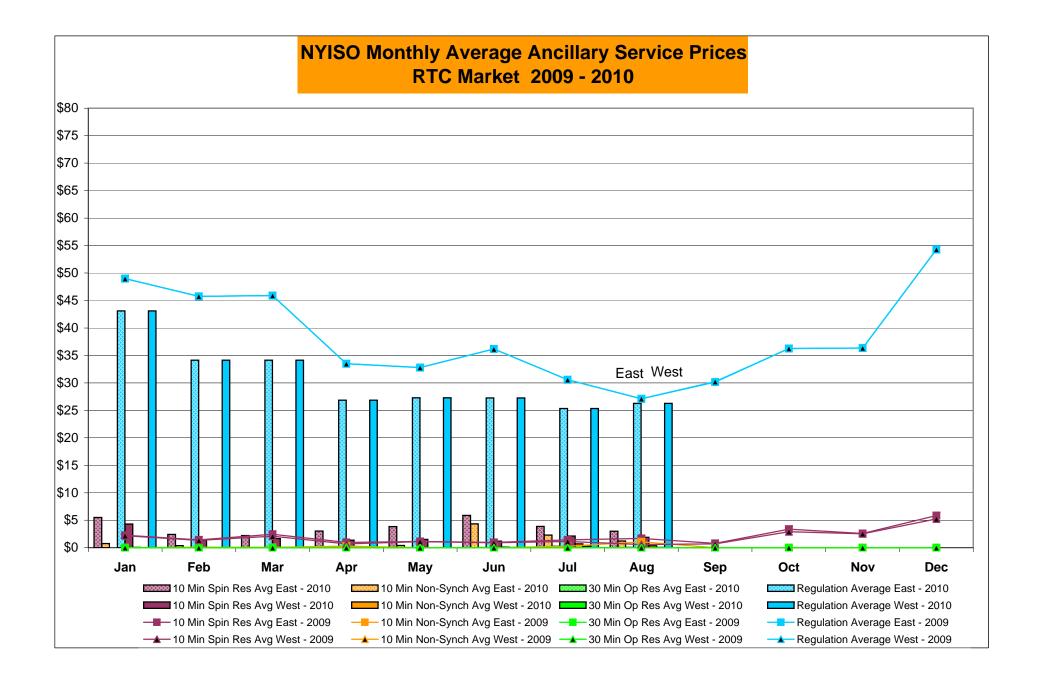
#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2010

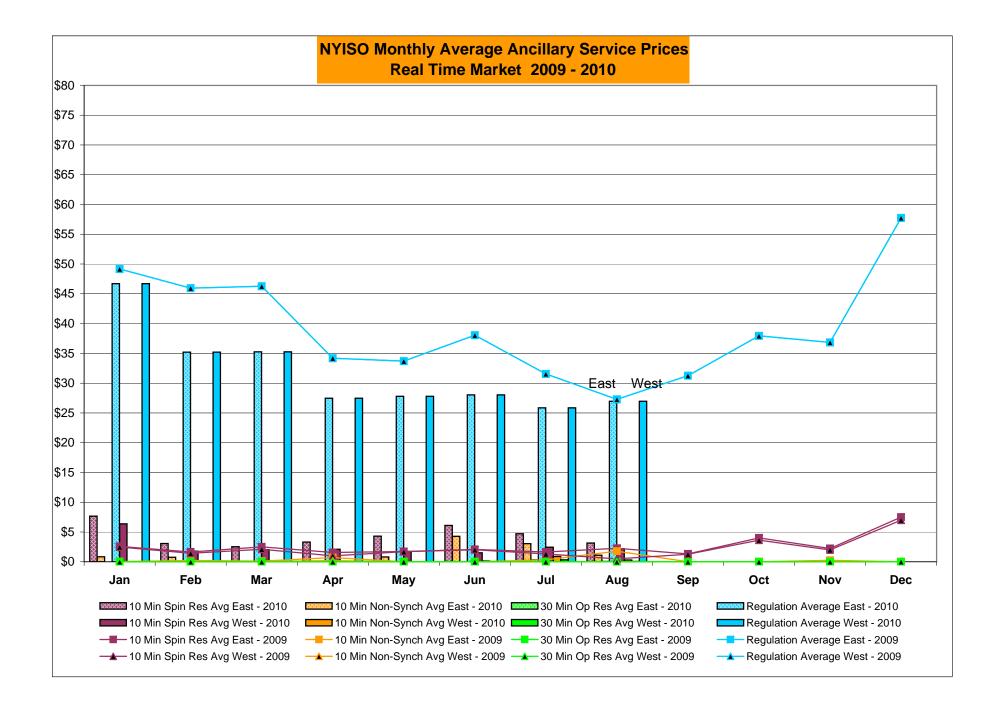
	1	Virtual L		Virtual St	upply Bid		1	Virtual L		Virtual Su				Virtual L	oad Bid	Virtual Su	
7	Data	Cabadulad	Not Cabadulad	Cabadulad	Not Cabadulad	7	Data	Cabadulad	Not Cabadulad	Cab a dula d	Not	7	Data	Cabadudad	Not Cabadulad	Cabadulad	Not Cabadulad
Zone VEST	Date Jan-10	Scheduled 2,369	Scheduled 639	Scheduled 7,053	Scheduled 1,096	Zone MHK VL	Date Jan-10	Scheduled 566	Scheduled 1,360	Scheduled 1,944	Scheduled 1,812	Zone DUNWOD	Date Jan-10	Scheduled 1,366	Scheduled 715	Scheduled 1,007	Scheduled 493
VESI	Feb-10	2,309	1,503	5,731	2,602		Feb-10	900		1,944	1,612	DONWOD	Feb-10	,			493
	Mar-10	1,878	500		2,586		Mar-10	2,071	1,327	1,835	1,399		Mar-10			818	
	Apr-10	4,158	430	9,060	1,963	_	Apr-10	1,389	1,403	2,449	1,195		Apr-10	-	537	680	383
	May-10	1,877	747	11,295	2,086	_	May-10	895	1,207	1,941	976		May-10				293
	Jun-10	2,097	377	11,824	1,098	_	Jun-10	868	965	2,026	691		Jun-10		1,048	341	78
	Jul-10	3,749	744	8,176	1,118	_	Jul-10	858	1,187	1,163	1,160		Jul-10	-,		400	95
	Aug-10		3,052	8,841	1,687		Aug-10	1,475		1,496	1,145		Aug-10				18
	Sep-10	- , -	- /	-,-	,		Sep-10	, -	, -	,	, -		Sep-10				
	Oct-10						Oct-10						Oct-10				
	Nov-10						Nov-10						Nov-10				
	Dec-10						Dec-10						Dec-10				
	1 40	1 007	507	0.045	400		1 40	0.050	0.000	4.040	4 000	NYO	1 10	0.704	0.400	4.040	7.00
ENESE	Jan-10 Feb-10	1,307 1,868	507 599	6,615 9,495	438 497	CAPITL	Jan-10 Feb-10	3,858 3,189		1,918 1,880	1,988 2,918	N.Y.C.	Jan-10 Feb-10	,	6,433 5,863	4,216 4,477	7,30
	Mar-10	1,000	427	10,627	589		Mar-10	2,368	3,502	1,815	3,219		Mar-10	,	,	687	7,78
	Apr-10	2,782	375		406		Apr-10	2,080	3,302	4,197	2,767		Apr-10	,	4,195		7,812
	May-10	1,205	125		216	_	May-10	2,000	3,215	2,637	2,513		May-10				7,012
	Jun-10	1,239	58		111	_	Jun-10	1,331	2,982	5,023	2,681		Jun-10	,	,		6,31
	Jul-10	1,233	214		266		Jul-10	1,196	3,211	7,480	2,681		Jul-10		3,690	702	6,08
	Aug-10	3,113	421	7,731	599		Aug-10	1,966		4,081	2,801		Aug-10	,			6,38
	Sep-10	0,110	721	7,701	000		Sep-10	1,500	3,005	4,001	2,011		Sep-10	,	2,400	550	0,00
	Oct-10					_	Oct-10						Oct-10				
	Nov-10					_	Nov-10						Nov-10				
	Dec-10					_	Dec-10						Dec-10				
ORTH	Jan-10	371	910	8,227	1,944	HUD VL	Jan-10	9,362	1,921	2,611	911	LONGIL	Jan-10	7,706	5,282	946	254
	Feb-10	946	1,438	9,552	1,944	HUDVL	Feb-10	9,362 5,602	1,921	2,011	1,513	LONGIL	Feb-10	,	3,929	946 847	254 591
	Mar-10	1,143	1,430	11,701	2,063	_	Mar-10	1,631	1,015	3,149	456		Mar-10			592	410
	Apr-10	1,143	1,235	10,390	2,005		Apr-10	2,073	,	,	1,220		Apr-10	,	,	421	52
	May-10	1,423	1,243	9,295	2,760	_	May-10	3,294	344	1,432	338		May-10		1,803	238	110
	Jun-10	715	941	9,413	1,354		Jun-10	5,270	367	1,773	194		Jun-10			200	114
	Jul-10	590	951	7,019	1,337		Jul-10	4,205	522	2,511	215		Jul-10	,	2,946		18
	Aug-10	641	1,159	7,665	1,521	_	Aug-10	3,552	429	1,802	854		Aug-10		2,867	477	17
	Sep-10	011	1,100	1,000	.,02.	_	Sep-10	0,002	.20	.,002			Sep-10		2,001		
	Oct-10						Oct-10						Oct-10				
	Nov-10						Nov-10						Nov-10				
	Dec-10						Dec-10						Dec-10				
ENTRL	lan 10	700	4.070	7 050	4 450	MILLWD	lan 10	477	400	4.050	400	NYISO	lan 10	07.074	22.240	10.040	40.40
	Jan-10 Feb-10	768 1,917	1,670 1,556	7,053 7,543	1,452 1,652		Jan-10 Feb-10	786	492 472	1,256 549	492 462	061181	Jan-10 Feb-10	,	23,210 22,861	42,846 44,679	18,184 22,218
	Mar-10	991	1,556	8,467	3,033	-	Mar-10	397	472	1,052	376		Mar-10				22,210
	Apr-10	2,416	1,007		1,412	-	Apr-10	508		1,032	393		Apr-10	,	,		20,85
	May-10	1,075	1,349	7,105	1,384	-	May-10	939	286	955	337		May-10	,	,	46,363	17,64
	Jun-10	656	1,349	6,296	1,019	-	Jun-10	1,051	127	636	127		Jun-10			40,303	13,78
	Jul-10	1,303	1,308	5,205	1,294	-	Jul-10	1,031	169	569	104		Jul-10			40,322	14,54
	Aug-10	2,697	1,300	4,586	1,362	-	Aug-10	2,443	708	805	198		Aug-10	,			16,92
	Sep-10	2,001	1,+0	4,000	1,002	-	Sep-10	2,740	,00	000	100		Sep-10		11,172	33,330	10,92
	Oct-10					-	Oct-10						Oct-10				
	Nov-10					-	Nov-10						Nov-10				
	Dec-10					-	Dec-10						Dec-10				



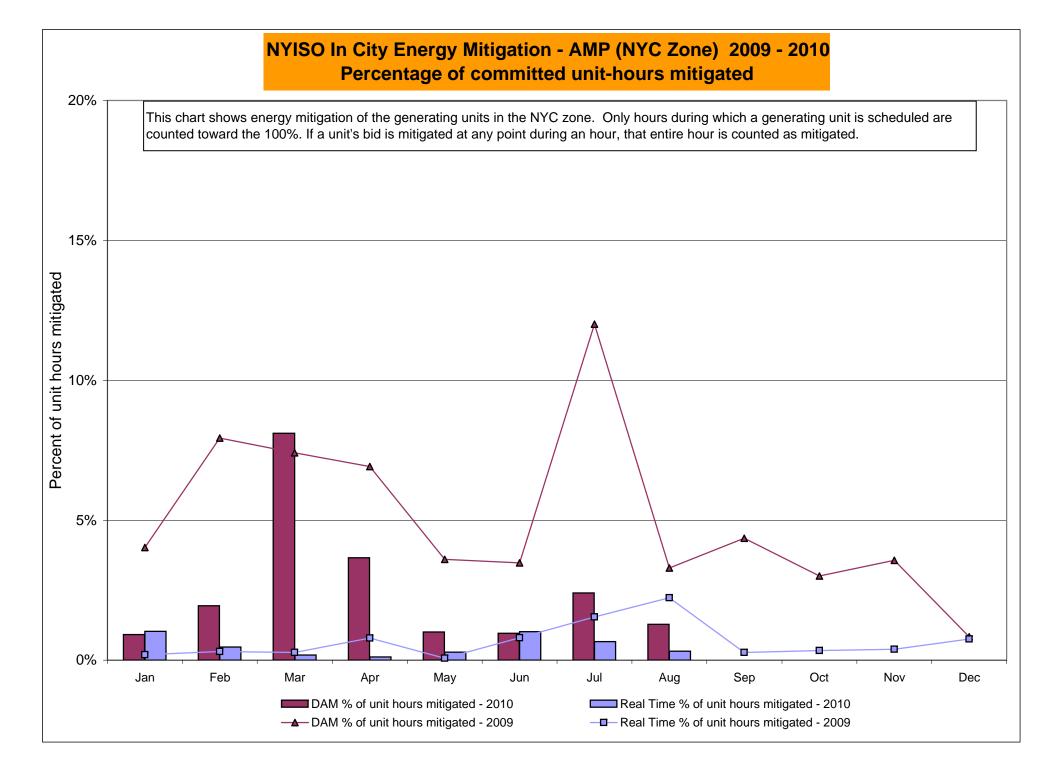
Market Mitigation and Analysis Prepared: 9/1/2010 1:34 PM



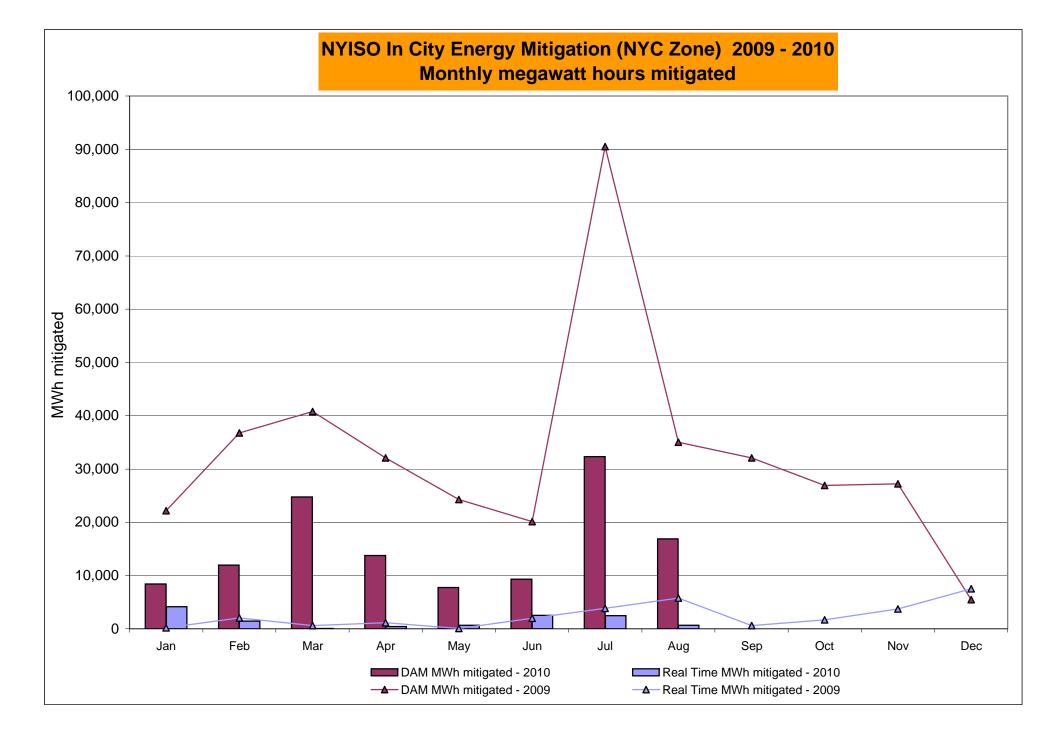


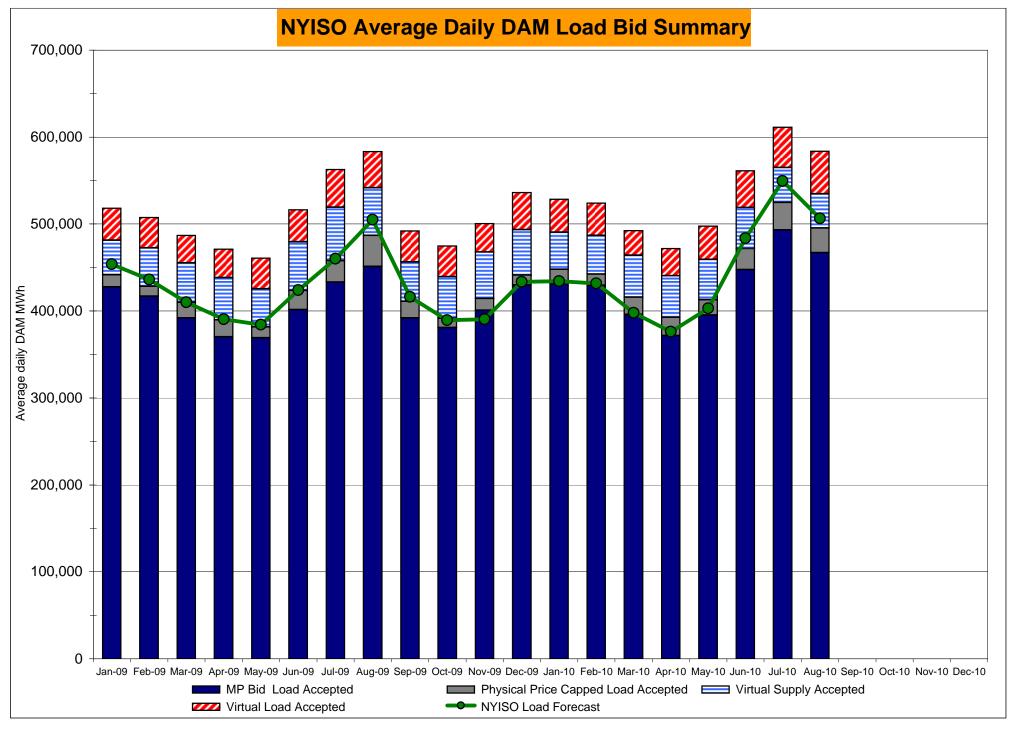


		NYISO	Markets Ar	ncillary Ser	vices Stati	stics - Unw	eighted P	rice (\$/M\	<u>VH)</u>			
<u>2010</u>	January	February	March	April	May	<u>June</u>	July	August	September	October	November	December
Day Ahead Market												
10 Min Spin East	4.62	4.51	5.10	7.04	7.59	5.43	6.00	5.23				
10 Min Spin West	3.90	3.80	4.02	4.51	4.73	4.27	4.31	4.16				
10 Min Non Synch East	2.11	1.42	2.85	1.89	3.04	1.04	3.12	1.81				
10 Min Non Synch West	1.49	0.80	1.78	0.74	1.02	0.37	1.65	0.82				
30 Min East	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10				
30 Min West	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10				
Regulation East	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15				
Regulation West	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15				
RTC Market												
10 Min Spin East	5.49	2.42	2.22	3.03	3.86	5.89	3.87	2.99				
10 Min Spin West	4.32	1.40	1.66	1.38	1.53	1.19	2.13	1.90				
10 Min Non Synch East	0.77	0.37	0.00	0.00	0.39	4.35	2.31	1.23				
10 Min Non Synch West	0.05	0.00	0.00	0.00	0.00	0.11	0.69	0.35				
30 Min East	0.00	0.00	0.00	0.00	0.00	0.04	0.26	0.07				
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.26	0.07				
Regulation East	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27				
Regulation West	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27				
Real Time Market												
10 Min Spin East	7.67	3.08	2.54	3.31	4.30	6.10	4.71	3.13				
10 Min Spin West	6.37	1.78	2.05	2.09	1.73	1.51	2.44	2.17				
10 Min Non Synch East	0.83	0.74	0.00	0.00	0.81	4.28	3.05	1.09				
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.12	0.89	0.28				
30 Min East	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04				
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04				
Regulation East	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94				
Regulation West	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94				
3												
2009	January	February	March	<u>April</u>	May	June	July	<u>August</u>	<u>September</u>	<u>October</u>	November	December
2009 Day Ahead Market	January	<u>February</u>	March	<u>April</u>	<u>May</u>			<u>August</u>				
2009 Day Ahead Market 10 Min Spin East	<u>January</u> 5.60	<u>February</u> 7.74	<u>March</u> 6.54	<u>April</u> 4.66	<u>May</u> 5.53	4.50	4.84	<u>August</u> 3.76	4.54	5.90	3.75	4.38
2009 Day Ahead Market 10 Min Spin East 10 Min Spin West	<u>January</u> 5.60 4.81	<u>February</u> 7.74 5.48	<u>March</u> 6.54 4.62	<u>April</u> 4.66 3.94	<u>May</u> 5.53 4.32	4.50 4.05	4.84 4.08	<u>August</u> 3.76 3.25	4.54 3.88	5.90 4.25	3.75 3.41	4.38 3.78
2009 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	<u>January</u> 5.60 4.81 2.77	<u>February</u> 7.74 5.48 3.13	<u>March</u> 6.54 4.62 2.88	<u>April</u> 4.66 3.94 2.09	<u>May</u> 5.53 4.32 3.03	4.50 4.05 2.31	4.84 4.08 2.86	<u>August</u> 3.76 3.25 2.56	4.54 3.88 2.42	5.90 4.25 1.74	3.75 3.41 1.66	4.38 3.78 2.16
2009 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	<u>January</u> 5.60 4.81 2.77 2.05	<u>February</u> 7.74 5.48 3.13 1.58	<u>March</u> 6.54 4.62 2.88 1.45	<u>April</u> 4.66 3.94 2.09 1.46	<u>May</u> 5.53 4.32 3.03 1.82	4.50 4.05 2.31 1.87	4.84 4.08 2.86 2.11	<u>August</u> 3.76 3.25 2.56 2.05	4.54 3.88 2.42 1.76	5.90 4.25 1.74 0.73	3.75 3.41 1.66 1.38	4.38 3.78 2.16 1.63
2009 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	<u>January</u> 5.60 4.81 2.77 2.05 0.92	February 7.74 5.48 3.13 1.58 1.12	<u>March</u> 6.54 4.62 2.88 1.45 0.63	<u>April</u> 4.66 3.94 2.09 1.46 0.50	<u>May</u> 5.53 4.32 3.03 1.82 0.43	4.50 4.05 2.31 1.87 0.43	4.84 4.08 2.86 2.11 0.37	August 3.76 3.25 2.56 2.05 0.30	4.54 3.88 2.42 1.76 0.51	5.90 4.25 1.74 0.73 0.41	3.75 3.41 1.66 1.38 0.39	4.38 3.78 2.16 1.63 0.54
2009 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	<u>January</u> 5.60 4.81 2.77 2.05 0.92 0.92	February 7.74 5.48 3.13 1.58 1.12 1.12	<u>March</u> 6.54 4.62 2.88 1.45 0.63 0.63	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43	4.50 4.05 2.31 1.87 0.43 0.43	4.84 4.08 2.86 2.11 0.37 0.37	August 3.76 3.25 2.56 2.05 0.30 0.30	4.54 3.88 2.42 1.76 0.51 0.51	5.90 4.25 1.74 0.73 0.41 0.41	3.75 3.41 1.66 1.38 0.39 0.39	4.38 3.78 2.16 1.63 0.54 0.54
2009 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	<u>January</u> 5.60 4.81 2.77 2.05 0.92 0.92 49.01	February 7.74 5.48 3.13 1.58 1.12 1.12 46.62	<u>March</u> 6.54 4.62 2.88 1.45 0.63 0.63 48.92	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50 38.71	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17
2009 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>January</u> 5.60 4.81 2.77 2.05 0.92 0.92	February 7.74 5.48 3.13 1.58 1.12 1.12	<u>March</u> 6.54 4.62 2.88 1.45 0.63 0.63	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43	4.50 4.05 2.31 1.87 0.43 0.43	4.84 4.08 2.86 2.11 0.37 0.37	August 3.76 3.25 2.56 2.05 0.30 0.30	4.54 3.88 2.42 1.76 0.51 0.51	5.90 4.25 1.74 0.73 0.41 0.41	3.75 3.41 1.66 1.38 0.39 0.39	4.38 3.78 2.16 1.63 0.54 0.54
2009 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	<u>January</u> 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01	February 7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17
2009 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 <u>RTC Market</u> 10 Min Spin East	<u>January</u> 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27	February 7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44	<u>March</u> 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 48.92 2.43	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 38.71	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 29.59	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85
2009 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 ERTC Market 10 Min Spin East 10 Min Spin West	<u>January</u> 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20	February 7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35	<u>March</u> 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 48.92 2.43 2.09	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 38.71 0.97 0.70	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 29.59	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24
2009 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 ETC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	<u>January</u> 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00	February 7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 38.71 0.97 0.70 0.30	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 29.59 1.41 1.13 0.27	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 28.63 0.79 0.71 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00
2009 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 <b>RTC Market</b> 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	January 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00	February 7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 35.99 3.38 2.90 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00	$\begin{array}{r} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ \end{array}$
2009 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 <b>RTC Market</b> 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	January 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00	February 7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04 0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00	$\begin{array}{c} 4.50 \\ 4.05 \\ 2.31 \\ 1.87 \\ 0.43 \\ 35.37 \\ 35.37 \\ 0.96 \\ 0.91 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \end{array}$	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 $	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00	$\begin{array}{r} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$
2009 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 <b>RTC Market</b> 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West	<u>January</u> 5.60 4.81 2.77 2.05 0.92 49.01 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00	February           7.74           5.48           3.13           1.58           1.12           46.62           46.62           46.62           0.08           0.04           0.00           0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.05 0.00 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 $	3.75 3.41 1.66 1.38 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00	$\begin{array}{r} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$
2009 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 <b>RTC Market</b> 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East	<u>January</u> 5.60 4.81 2.77 2.05 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98	February           7.74           5.48           3.13           1.58           1.12           1.12           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76	<u>March</u> 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 48.92 2.43 2.09 0.05 0.05 0.05 0.00 0.00 45.90	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 0.00 32.80	$\begin{array}{c} 4.50\\ 4.05\\ 2.31\\ 1.87\\ 0.43\\ 0.43\\ 35.37\\ 35.37\\ 35.37\\ 0.96\\ 0.91\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 36.17 \end{array}$	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ $	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 0.00 36.34	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\end{array}$
2009 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 Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East	<u>January</u> 5.60 4.81 2.77 2.05 0.92 49.01 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00	February           7.74           5.48           3.13           1.58           1.12           46.62           46.62           46.62           0.08           0.04           0.00           0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.05 0.00 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 $	3.75 3.41 1.66 1.38 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00	$\begin{array}{r} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$
2009 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 <b>RTC Market</b> 10 Min Spin East 10 Min Spin West 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation East Regulation West	January 5.60 4.81 2.77 2.05 0.92 49.01 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98 48.98	February           7.74           5.48           3.13           1.58           1.12           1.12           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           45.76	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 48.92 2.43 2.09 0.05 0.05 0.05 0.05 0.00 0.00 45.90	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80	$\begin{array}{c} 4.50\\ 4.05\\ 2.31\\ 1.87\\ 0.43\\ 35.37\\ 35.37\\ 35.37\\ 0.96\\ 0.91\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 36.17\\ 36.17\\ \end{array}$	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 0.00 27.12 27.12	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 36.24 \\ $	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 0.00 36.34 36.34	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 54.29\end{array}$
2009 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 East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West	<u>January</u> 5.60 4.81 2.77 2.05 0.92 49.01 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98 48.98 48.98	February           7.74           5.48           3.13           1.58           1.12           1.62           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           45.76           1.65	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.05 0.05 0.00 0.00 45.90 45.90 2.49	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 33.49 33.49 33.49	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 0.00 32.80 32.80 32.80	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 0.00 36.17 36.17 2.06	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 2.26	4.54 3.88 2.42 1.76 0.51 28.63 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 0.00 30.14 30.23	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 4.01$	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 0.00 36.34 36.34 2.22	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 54.29\\ 7.50\end{array}$
2009 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	<u>January</u> 5.60 4.81 2.77 2.05 0.92 49.01 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98 48.98 48.98	February           7.74           5.48           3.13           1.58           1.12           1.12           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           45.76           1.65           1.43	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.05 0.00 0.00 45.90 45.90 2.49 2.09	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49 1.55 1.01	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 0.00 0.0	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 0.00 0.00 36.17 36.17 2.06 2.02	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ 1.41\\ 1.13\\ 0.27\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 30.59\\ 30.59\\ 1.65\\ 1.33\\ \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 2.26 0.48	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 4.01 \\ 3.62 \\ $	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 0.00 36.34 36.34 2.22 1.99	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 54.29\\ 7.50\\ 7.00\\ \end{array}$
2009 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 Regulation West Regulation West Regulation West 10 Min Spin East 10 Min Spin East 10 Min Spin Kest 10 Min Spin West 10 Min Spin Kest 10 Min Spin West 10 Min Spin West 10 Min Spin Kest 10 Min Spin West 10 Min Spin Kest 10 Min Kest 10	<u>January</u> 5.60 4.81 2.77 2.05 0.92 49.01 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98 48.98 48.98 2.57 2.46 0.03	February           7.74           5.48           3.13           1.58           1.12           1.12           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           45.76           1.65           1.43           0.22	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90 45.90 45.90 2.49 2.09 0.10	<u>April</u> 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49 33.49	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 0.00 32.80 32.80 32.80	$\begin{array}{c} 4.50\\ 4.05\\ 2.31\\ 1.87\\ 0.43\\ 0.43\\ 35.37\\ 35.37\\ 0.96\\ 0.91\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 36.17\\ 36.17\\ 36.17\\ 2.06\\ 2.02\\ 0.00\\ \end{array}$	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ 29.59\\ \hline 1.41\\ 1.13\\ 0.27\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 30.59\\ 30.59\\ \hline 1.65\\ 1.33\\ 0.31\\ \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 27.12 2.26 0.48 1.77	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 4.01 \\ 3.62 \\ 0.00 \\ 0.0$	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99 0.24	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 7.50\\ 7.00\\ 0.00\\ 0.00\\ \end{array}$
2009 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 West 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 West 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West	<u>January</u> 5.60 4.81 2.77 2.05 0.92 49.01 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 0.00	February           7.74           5.48           3.13           1.58           1.12           46.62           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           1.65           1.43           0.22           0.05	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.05 0.00 45.90 45.90 45.90 2.49 2.09 0.10 0.05	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49 33.49 1.55 1.01 0.69 0.19	<u>May</u> 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 32.80 32.80	$\begin{array}{c} 4.50\\ 4.05\\ 2.31\\ 1.87\\ 0.43\\ 0.43\\ 35.37\\ 35.37\\ 35.37\\ 0.96\\ 0.91\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 36.17\\ 36.17\\ 2.06\\ 2.02\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ 29.59\\ \hline 1.41\\ 1.13\\ 0.27\\ 0.00\\ 0.00\\ 0.00\\ 30.59\\ 30.59\\ \hline 1.65\\ 1.33\\ 0.31\\ 0.00\\ \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 27.12 2.26 0.48 1.77 0.00	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ 0.79\\ 0.71\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 30.14\\ 30.23\\ 1.32\\ 1.25\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 4.01 \\ 3.62 \\ 0.00 \\ 0.0$	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 7.50\\ 7.00\\ 0.00\\ $
2009 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 Extra Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch West 30 Min West Regulation East 30 Min West Regulation West Regulation West 10 Min Spin East 10 Min Spin West 10 Min	January 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98 48.98 48.98 2.57 2.46 0.03 0.03 0.03	February           7.74           5.48           3.13           1.58           1.12           46.62           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           1.65           1.43           0.22           0.05           0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 45.90 45.90 45.90 2.49 2.09 0.10 0.05 0.10 0.05 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 33.49 33.49 33.49 1.55 1.01 0.69 0.19 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 32.80 32.80 1.73 1.70 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.50\\ 4.05\\ 2.31\\ 1.87\\ 0.43\\ 35.37\\ 35.37\\ 35.37\\ \end{array}$	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ 29.59\\ \hline 1.41\\ 1.13\\ 0.27\\ 0.00\\ 0.00\\ 0.00\\ 30.59\\ 30.59\\ \hline 1.65\\ 1.33\\ 0.31\\ 0.00\\ 0.00\\ \hline 0.00\\ \hline \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 27.12 2.26 0.48 1.77 0.00 0.00	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 4.01 \\ 3.62 \\ 0.00 \\ 0.$	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 54.29\\ 7.50\\ 7.00\\ 0.00\\$
2009 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 Vest 10 Min Non Synch East 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 West 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min East 30 Min West	January 5.60 4.81 2.77 2.05 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98 48.98 48.98 2.57 2.46 0.03 0.03 0.03 -	February           7.74           5.48           3.13           1.58           1.12           1.62           46.62           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           1.65           1.43           0.22           0.05           0.00           0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90 45.90 45.90 2.49 2.09 0.10 0.05 0.05 0.00 0.00 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.33.49 33.49 33.49 1.55 1.01 0.69 0.19 0.00 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 32.80 1.73 1.70 0.00 0.00 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.50\\ 4.05\\ 2.31\\ 1.87\\ 0.43\\ 35.37\\ 35.37\\ 35.37\\ \hline \end{array}$	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ 29.59\\ \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 27.12 2.26 0.48 1.77 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$ $\begin{array}{c} 0.79\\ 0.71\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 30.14\\ 30.23\\ \end{array}$ $\begin{array}{c} 1.32\\ 1.25\\ 0.00\\ $	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 4.01 \\ 3.62 \\ 0.00 \\ 0.$	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.222 1.99 0.24 0.03 0.00 0.00 0.00	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 54.29\\ 7.50\\ 7.00\\ 0.00\\$
2009 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 Extra Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch West 30 Min West Regulation East 30 Min West Regulation West Regulation West 10 Min Spin East 10 Min Spin West 10 Min	January 5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 0.00 48.98 48.98 48.98 2.57 2.46 0.03 0.03 0.03	February           7.74           5.48           3.13           1.58           1.12           46.62           46.62           46.62           1.44           1.35           0.08           0.04           0.00           45.76           1.65           1.43           0.22           0.05           0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 45.90 45.90 45.90 2.49 2.09 0.10 0.05 0.10 0.05 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 33.49 33.49 33.49 1.55 1.01 0.69 0.19 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 32.80 32.80 32.80	$\begin{array}{c} 4.50\\ 4.05\\ 2.31\\ 1.87\\ 0.43\\ 35.37\\ 35.37\\ 35.37\\ \end{array}$	$\begin{array}{c} 4.84\\ 4.08\\ 2.86\\ 2.11\\ 0.37\\ 0.37\\ 29.59\\ 29.59\\ 29.59\\ \hline 1.41\\ 1.13\\ 0.27\\ 0.00\\ 0.00\\ 0.00\\ 30.59\\ 30.59\\ \hline 1.65\\ 1.33\\ 0.31\\ 0.00\\ 0.00\\ \hline 0.00\\ \hline \end{array}$	August 3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 27.12 2.26 0.48 1.77 0.00 0.00	$\begin{array}{c} 4.54\\ 3.88\\ 2.42\\ 1.76\\ 0.51\\ 0.51\\ 28.63\\ 28.63\\ 28.63\\ \end{array}$	$5.90 \\ 4.25 \\ 1.74 \\ 0.73 \\ 0.41 \\ 0.41 \\ 35.99 \\ 35.99 \\ 35.99 \\ 3.38 \\ 2.90 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 36.24 \\ 36.24 \\ 4.01 \\ 3.62 \\ 0.00 \\ 0.$	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00	$\begin{array}{c} 4.38\\ 3.78\\ 2.16\\ 1.63\\ 0.54\\ 0.54\\ 42.17\\ 42.17\\ 42.17\\ 5.85\\ 5.24\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 54.29\\ 54.29\\ 7.50\\ 7.00\\ 0.00\\ $

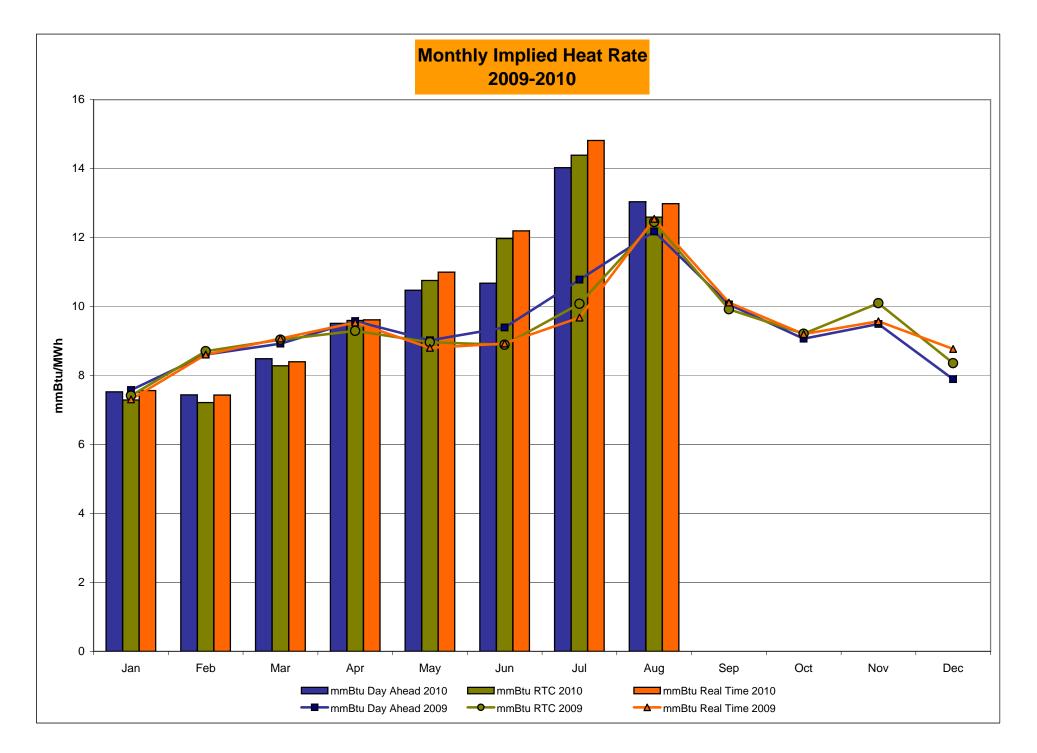


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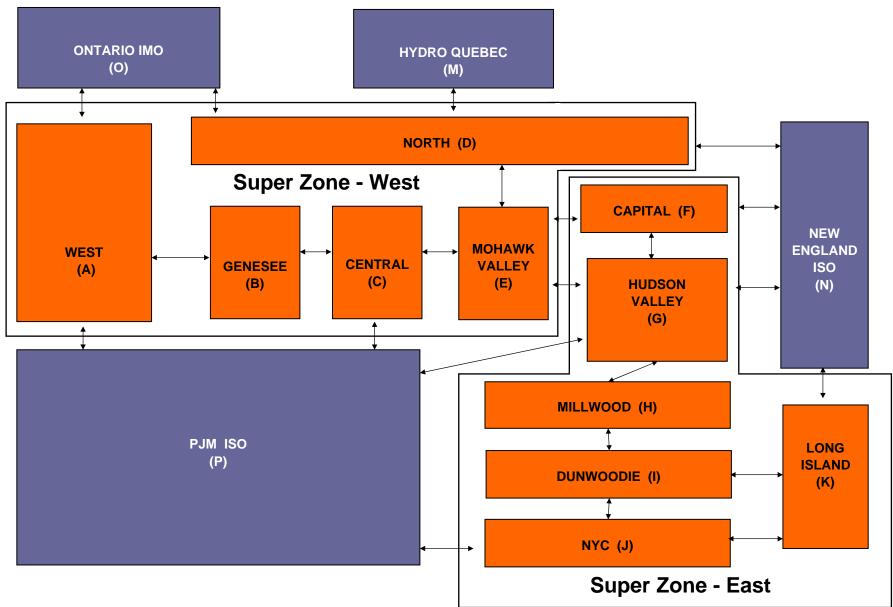




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# **NYISO LBMP ZONES**



#### 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

# Operations Performance Metrics Monthly Report





# August 2010 Report

# **Operations & Reliability Department New York Independent System Operator**

Prepared by NYISO Operations Analysis and Services, based on settlements initial invoice data obtained on or before September 13.



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#### Market Performance Metrics

- RTM Congestion Residuals Monthly Trend
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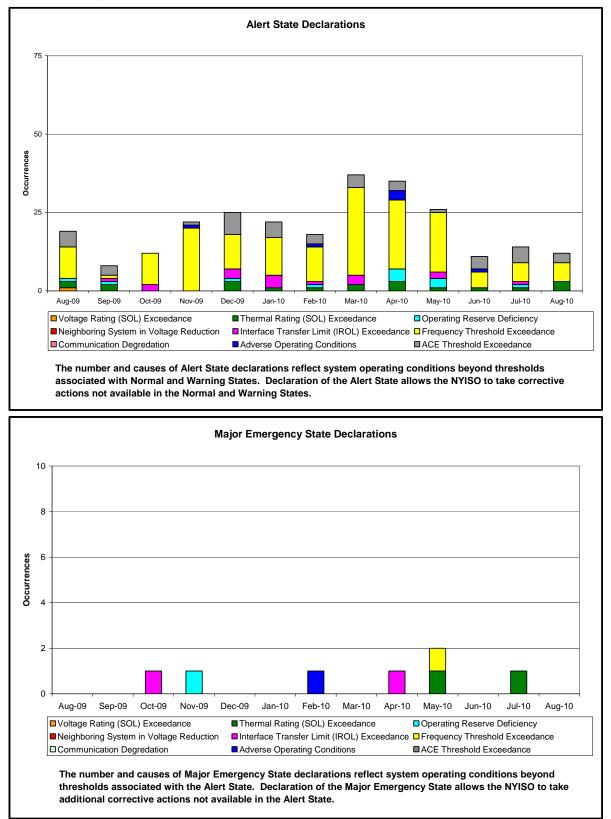


# August 2010 Operations Performance Highlights

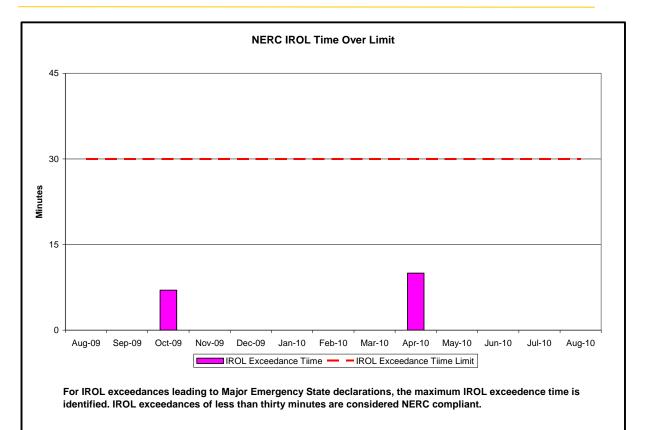
- Peak load of 31,256 MW occurred on August 31 for hour beginning 16
- Lake Erie circulation values are predominately counterclockwise coincident with reduced IESO-MISO schedules. No NYISO declarations of TLR Level 3.
- Beck-Niagara outages are scheduled for Fall 2010. Expected to begin in November with **five** week duration, not contiguous.

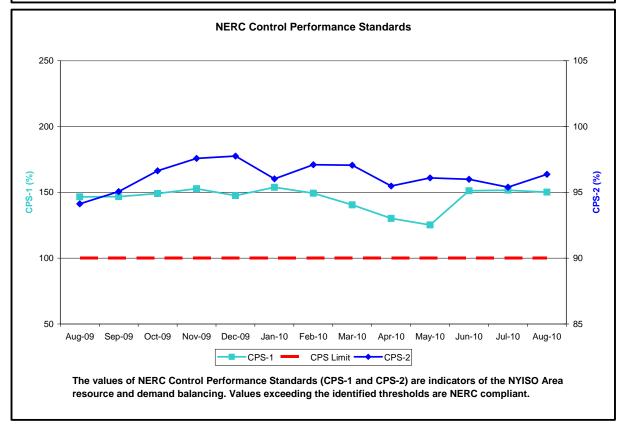


## **Reliability Performance Metrics**

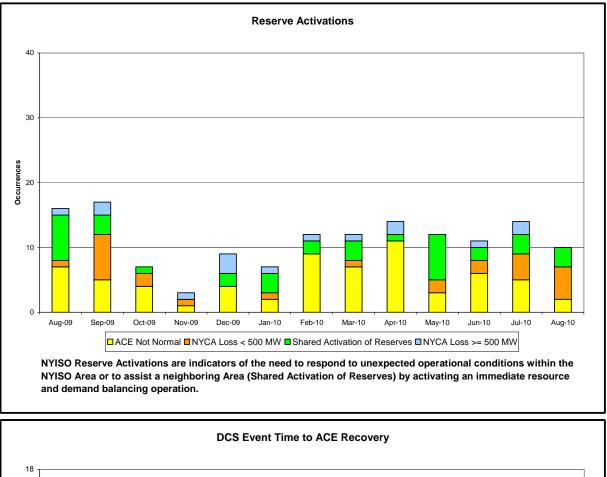


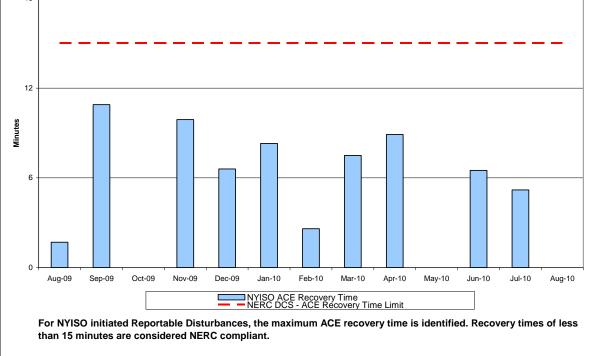




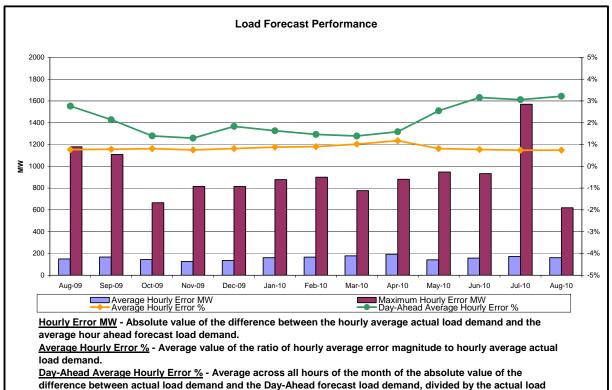




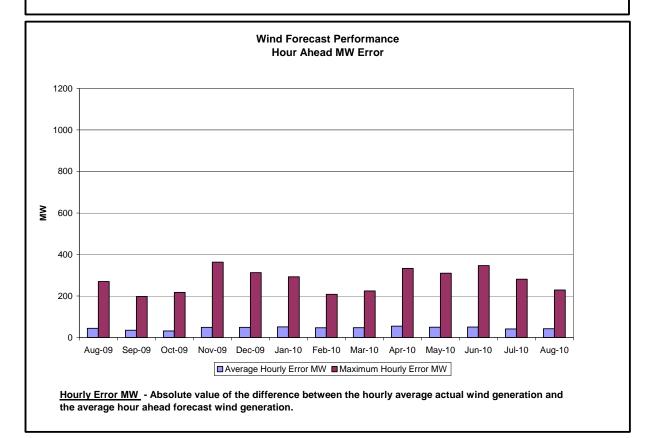




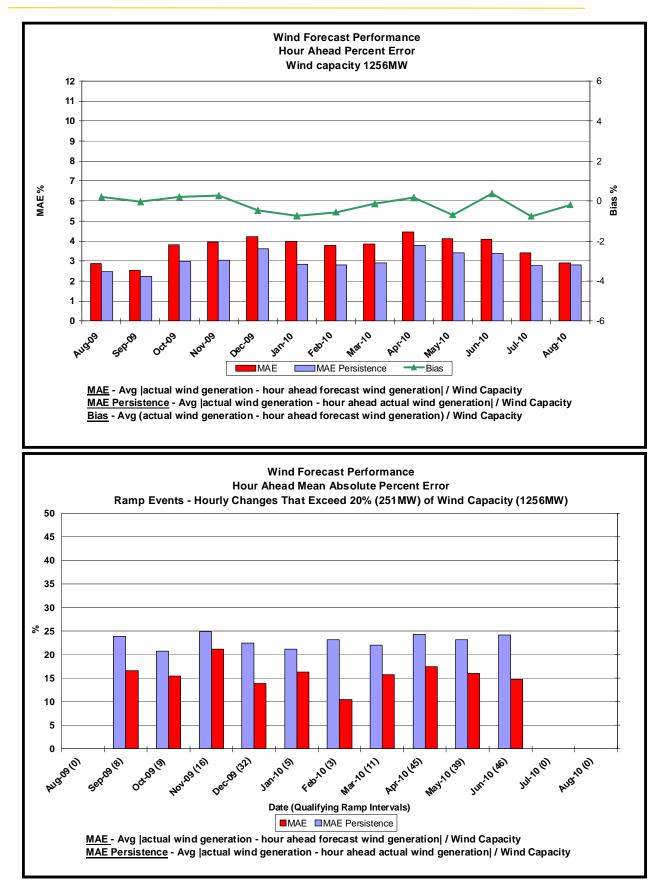




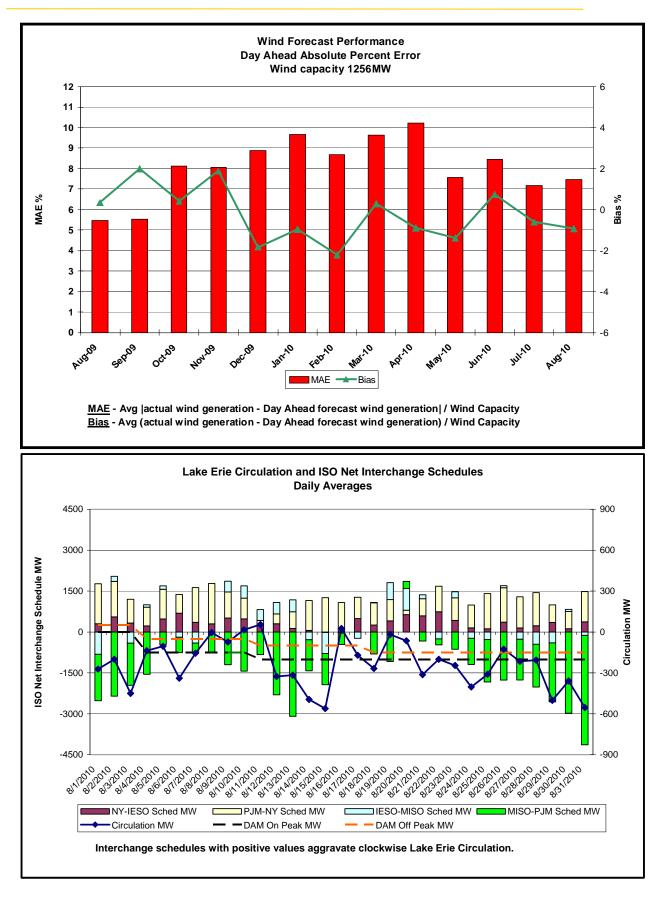
demand.





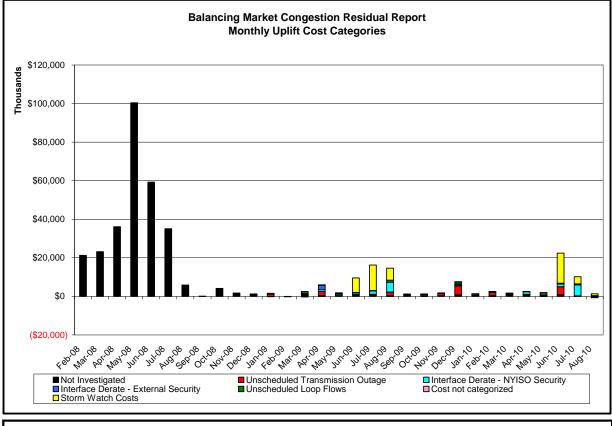


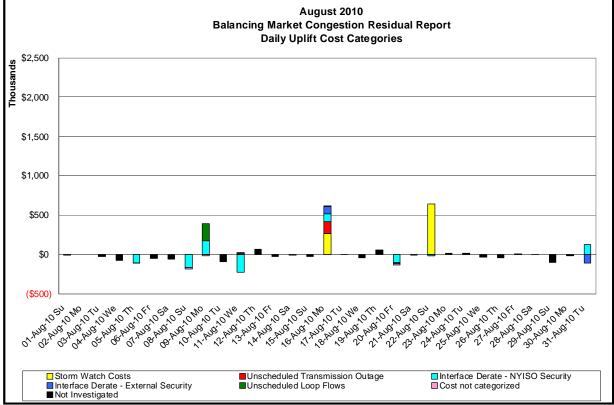






#### **Market Performance Metrics**







Date (yyyym I	n August: 5, 8, 9, 11, 16, Hours	Description
8/5/2010		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
8/5/2010		Uprate Freshkills-Willow Brook 138kV (#139)101 //0 Opratino/00k-Last Galden City 345kV (#149)
8/5/2010		Uprate GoethalsS-GowanusS 345kV (#26)
8/5/2010		Uprate GowanusN-Greenwood 138kV (#42231)
8/5/2010		Derate Greenwood/Staten Island, Greenwood-Vernon (#31231, #31232)
8/5/2010		Derate Sprainbrook-East Garden City 345kV (#Y49)
8/5/2010	16	NYCA DNI Ramp Limit
8/5/2010	19,21	PJM DNI Ramp Limit
8/5/2010		NE DNI Ramp Limit
8/8/2010	13-17, 21, 23	Uprate Freshkills-Willow Brook 138kV (#29212)
8/9/2010	18-19	NYCA DNI Ramp Limit
8/9/2010		Derate Dunwoodie-Shore Road 345kV (#Y50)
8/9/2010		Derate Dunwoodie-Shore Road 345kV (#150) Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
8/9/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
8/9/2010		Uprate GoethalsS-GowanusS 345kV (#26)
8/9/2010		Derate GoethalsS-GowanusS 345kV (#26)
8/9/2010	13-17	Derate GowanusN-Greenwood 138kV (#42231)
		Derate Greenwood/Staten Island, Greenwood-Vernon 138kV (#31231) for I/o Vernon-Greenwood 138kV
8/9/2010	15-17,20	
8/9/2010		Derate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
8/9/2010		Uprate Sprainbrook-East Garden City 345kV (#Y49)
0/3/2010	7,0,11,20	Lake Eric Clockwise Circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#91) for I/o Athe
0/0/0040	4 4 4 7	
8/9/2010		Pleasant Valley 345kV (#92)
8/11/2010		Forced outage Sprainbrook-West 49th Street (#M52)
8/11/2010		NYCA DNI Ramp Limit
8/11/2010	8	Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
8/11/2010	19	Uprate Freshkills-Willow Brook 138kV (#29212)
8/11/2010	10-11 20	Uprate GowanusN-Greenwood 138kV (#42231)
8/11/2010		Uprate GoethalsS-GowanusS 345kV (#26)
8/11/2010		Uprate GowanusS-Greenwood 138kV (#42232) for I/o TWR:Goethals 22,22,A2253
8/11/2010		Uprate GowanusN-Greenwood 138kV (#42231) for I/o TWR:Goethals 22,22,A2253
8/11/2010		Derate Mott Haven-Dunwoodie 345kV (#71)
8/11/2010		Derate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
8/11/2010		Uprate Sprainbrook-East Garden City 345kV (#Y49)
8/16/2010		Thunder Storm Alert
8/16/2010	10-14,18-21	Forced outage Dunwoodie-Shore Road 345kV (#Y50)
8/16/2010	15	Derate GoethalsS-GowanusS 345kV (#26)
8/16/2010		Derate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
8/16/2010		Derate Sprainbrook-East Garden City 345kV (#Y49)
8/16/2010		HQ-NY Scheduling Limit
8/20/2010		NYCA DNI Ramp Limit
8/20/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
8/20/2010		Uprate Mott Haven-Rainey 345kV (#Q12) for I/o Mott Haven-Rainey 345kV (#Q11)
8/20/2010	12-14	Uprate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
8/20/2010	11,13,23	PJM DNI Ramp Limit
8/20/2010 8/22/2010	11,13,23	
8/22/2010	11,13,23 18-21	PIM DNI Ramp Limit Thunder Storm Alert
8/22/2010 8/22/2010	11,13,23 18-21 10	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212)
8/22/2010 8/22/2010 8/31/2010	11,13,23 18-21 10 0,16,23	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit
8/22/2010 8/22/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231)
8/22/2010 8/22/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit
8/22/2010 8/22/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0 0	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231) Derate GowanusS-Greenwood 138kV (#42232)
8/22/2010 8/22/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0 0 0 21-23	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231) Derate GowanusS-Greenwood 138kV (#42232) Derate Greenwood/Staten Island, Kent AveVemon 138kV (#31232) & GowanusS-Greenwood 138kV (#4223
8/22/2010 8/22/2010 8/31/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0 0 0 21-23	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231) Derate GowanusS-Greenwood 138kV (#42232)
8/22/2010 8/22/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0 0 21-23 12-15,17,19-20	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231) Derate GowanusS-Greenwood 138kV (#42232) Derate Greenwood/Staten Island, Kent AveVemon 138kV (#31232) & GowanusS-Greenwood 138kV (#4223 Uprate Freshkills-Willow Brook 138kV (#29212)
8/22/2010 8/22/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0 0 21-23 12-15,17,19-20 13-15,17,19-20	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231) Derate GowanusS-Greenwood 138kV (#42232) Derate Greenwood/Staten Island, Kent AveVernon 138kV (#31232) & GowanusS-Greenwood 138kV (#4223 Uprate Freshkills-Willow Brook 138kV (#29212) Uprate GoethalsS-GowanusS 345kV (#26)
8/22/2010 8/22/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0 0 21-23 12-15,17,19-20 13-15,17,19-20 0	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231) Derate GowanusS-Greenwood 138kV (#42232) Derate Greenwood/Staten Island, Kent AveVernon 138kV (#31232) & GowanusS-Greenwood 138kV (#4223 Uprate Freshkills-Willow Brook 138kV (#29212) Uprate GoethalsS-GowanusS 345kV (#26) Derate Rainey-Vernon 138kV (#36312)
8/22/2010 8/22/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010 8/31/2010	11,13,23 18-21 10 0,16,23 0 0 21-23 12-15,17,19-20 13-15,17,19-20 0 13-15,17-19	PJM DNI Ramp Limit Thunder Storm Alert Uprate Freshkills-Willow Brook 138kV (#29212) NYCA DNI Ramp Limit Derate GowanusN-Greenwood 138kV (#42231) Derate GowanusS-Greenwood 138kV (#42232) Derate Greenwood/Staten Island, Kent AveVemon 138kV (#31232) & GowanusS-Greenwood 138kV (#4223: Uprate Freshkills-Willow Brook 138kV (#29212) Uprate GoethalsS-GowanusS 345kV (#26)

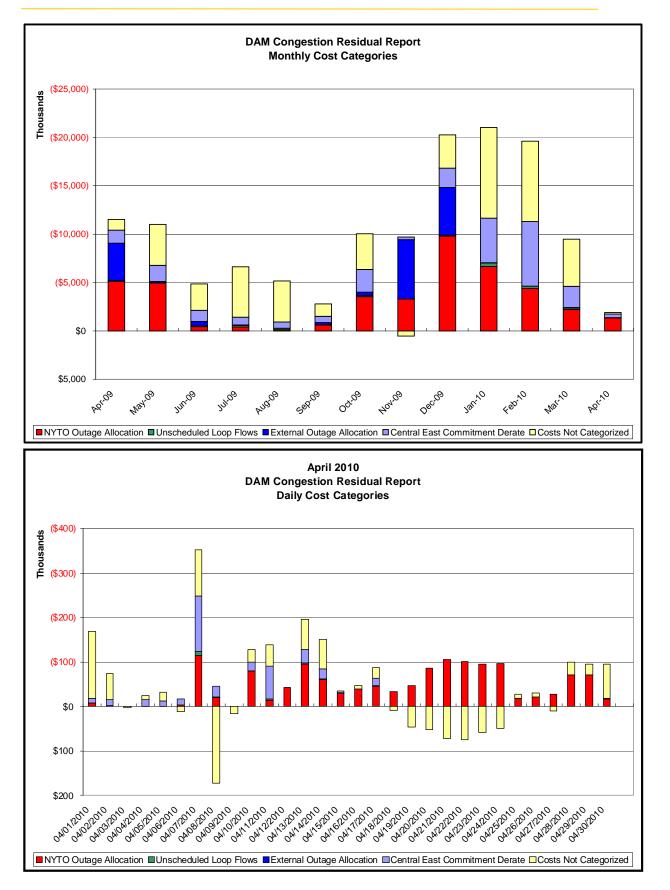


#### Real-Time Balancing Market Congestion Residual (Uplift Cost) Categories

<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 300MW
Monthly Balancing Market Congestion	n Report Assumption	ns/Notes	
<ol> <li>Storm Watch Costs are identified as daily</li> <li>At a minimum those days with \$100 K/HR</li> </ol>	'	y or more, or surplus of \$ <mark>100</mark> 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.



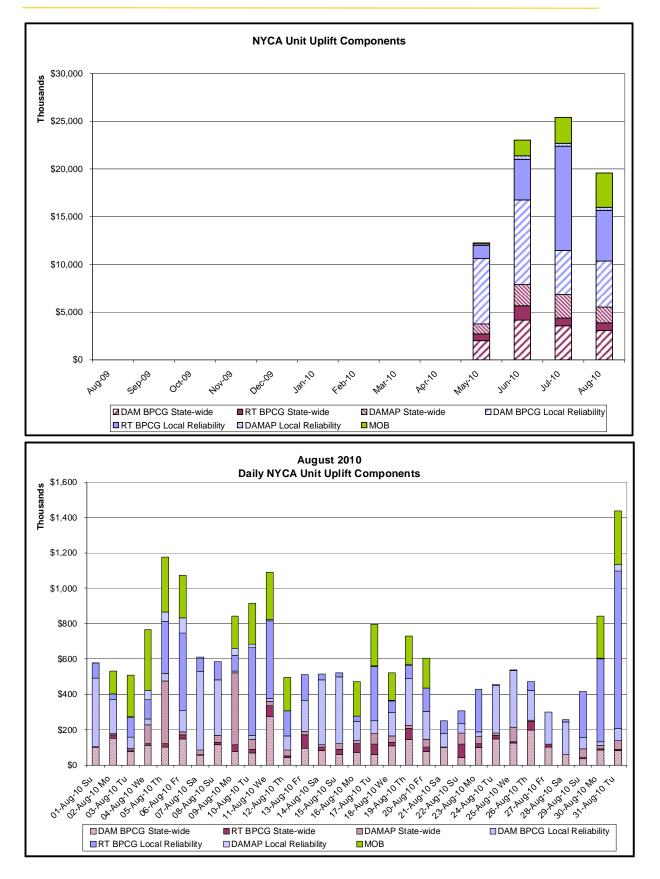


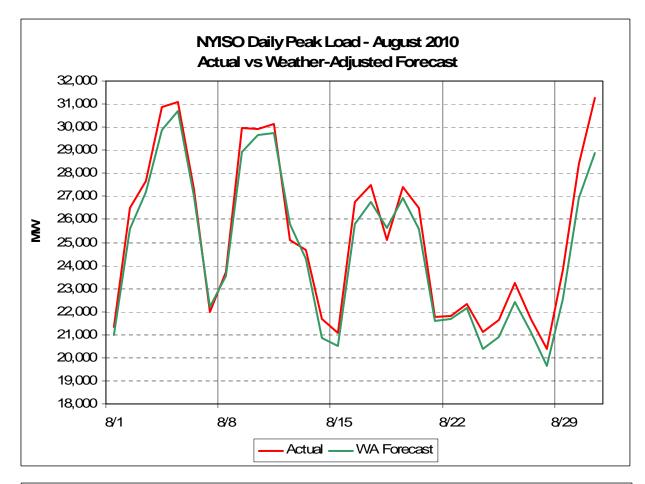


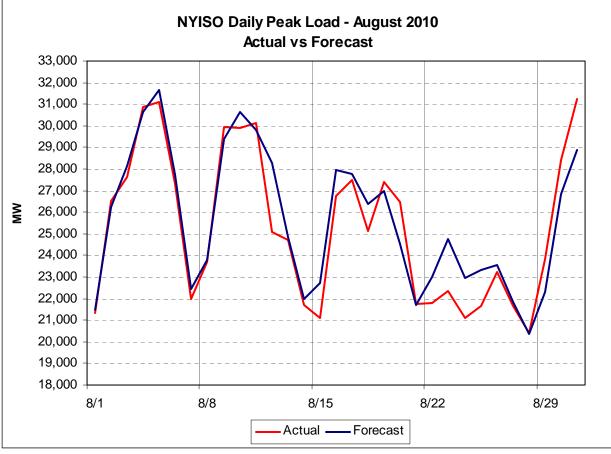
#### Day-Ahead Market Congestion Residual Categories

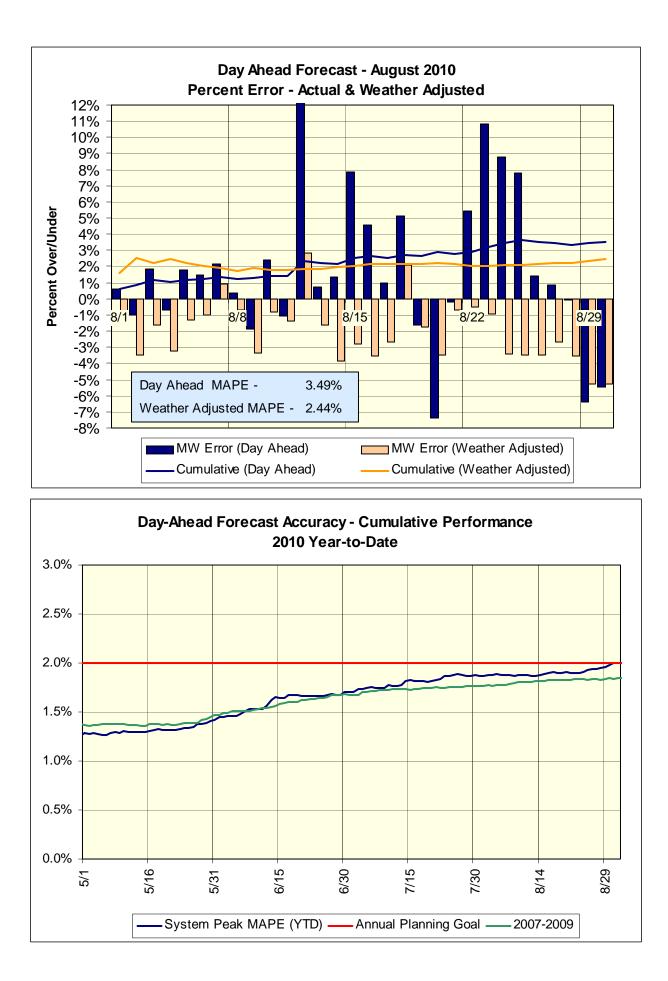
<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	<u>Events Types</u> Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples DAM scheduled outage for equipment modeled in- service for the TCC Auction.
Unscheduled Loop Flows	All TO by Monthly Allocation Factor	Residual impact of Lake Erie circulation, MW difference between the DAM and TCC Auction.	Lake Erie Loop Flow Assumptions
External Outage Allocation	All TO by Monthly Allocation Factor	Direct allocation to transmission equipment status change caused by change in status of external equipment.	Tie line required out-of- service by TO of neighboring control area.
Central East Commitment	Derate All TO by Monthly Allocation Factor	Reductions in the DAM Central East_VC limit as compared to the TCC Auction limit, which are not associated with transmission line outages.	













#### Description

#### **Status and Milestone Deliverables**

Auxiliary Market Produc	ts
Demand Curve Reset	<b>Status:</b> NERA is the consultant performing the demand curve study. This is an ongoing process with many stakeholder discussions planned throughout 2010. NERA is proposing to use the same econometric model for Energy and Ancillary Service revenue as the previous study.
	<b>Deliverables:</b> 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.
	<b>Status:</b> Phase 1 was successfully deployed in the 4 <sup>th</sup> 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 is scheduled to be software ready at the end of the 4 <sup>th</sup> quarter.
Demand Response Information System	<b>Deliverables:</b> 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.
ICAP Import Rights Modeling-Capabilities for New Interfaces	<ul> <li>Status: These software enhancements to the existing ICAP automated system were successfully deployed in March. This project is complete.</li> <li>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: <ul> <li>Multiple import rights models at each physical interface</li> <li>Specific modeling to treat Unforced Capacity Deliverability Rights (UDRs)</li> <li>Additional flexibility to model and track wheel-throughs</li> <li>Apportioning of CRIS and ERIS for exports</li> <li>Monthly adjustment in import limits to account for deliverability rules</li> <li>Support of buyer-side mitigation as necessary</li> </ul> </li> </ul>
Demand Response Aggregations in DSASP	<ul> <li>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 telemetry alternatives can be identified, reviewed and discussed with Market Participants. The Market Design is scheduled to be proposed in the 4<sup>th</sup> quarter.</li> <li>Deliverables: Based on the NYISO's response to FERC Order 719, NYISO will be investigating the changes needed to</li> </ul>
	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 resources to participate in DSASP by providing an aggregate signal through a TO to the NYISO. The primary effort



d Milestone Delive

Description	Status and Milestone Deliverables
	involves discussions with NPCC and the NYSRC on any potential rule changes in their areas.
	<b>Status</b> , Implementation of the optimum enhancements is school and for 2 <sup>rd</sup> quester 2010
	<b>Status:</b> Implementation of the software enhancements is scheduled for 3 <sup>rd</sup> quarter 2010.
	<b>Deliverables:</b> 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	<ul> <li>Tracking the duration of rights awards and specific months when offers are required</li> </ul>
	<ul> <li>Imposition of an offer cap (\$/kW-mo); creating and modifying the values associated with the cap</li> </ul>
	<ul> <li>Tracking of offer behavior, and identification of situations where an entity with Long-Term External CRIS Rights is in violation of its commitment</li> </ul>
	<ul> <li>Renewal of Long-Term External CRIS Rights</li> </ul>
	<ul> <li>Transfer of rights to another entity; ability to allow partial MW transfer of rights</li> </ul>
	<ul> <li>Compatibility with existing import rights process for short-term imports</li> </ul>
Criteria for New Capacity Zones	<b>Status:</b> 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 Market Design Concept is scheduled for completion in the 4 <sup>th</sup> quarter 2010.
	<b>Deliverables:</b> 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.
Capability Period Alignment	<b>Status:</b> The NYISO will work with its stakeholders to develop a Market Design Concept by the end of the 2 <sup>nd</sup> quarter. The Market Design Concept was discussed at a June ICAP working group meeting.
	<b>Deliverables:</b> 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

#### **Status and Milestone Deliverables**

Business Intelligence Products		
E-Tariff	<b>Status:</b> 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 <sup>nd</sup> 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.	
	<b>Deliverables:</b> 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.	
	<b>Status:</b> NYISO is scheduled to implement the new E-Room for Planning by the end of the 2 <sup>nd</sup> quarter 2010. This project was successfully delivered in June.	
E-Planning Collaboration	<b>Deliverables:</b> 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.	
	<b>Status:</b> The NYISO is currently evaluating the most economic and efficient means of obtaining access to this data. Access to this data is scheduled for delivery in 4 <sup>th</sup> quarter 2010.	
Non-NYISO Transactions Data Access	<b>Deliverables:</b> 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 is scheduled for delivery in September 2010.	
Intranet Redesign	<b>Deliverables:</b> 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

#### 2010 Major Product Enhancements

	<b>Status:</b> 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 is scheduled for deployment in 4 <sup>th</sup> quarter of 2010.
Web Posting Enhancements	<ul> <li>Deliverables: The Web Posting Enhancement project is a multi-year project with phased deliverables to address the following objectives:</li> <li>Improve reliability and performance of the web posting process</li> </ul>
	<ul> <li>Eliminate dependency on proprietary Tibco technology for Postings</li> <li>Ensure pricing data quality across NYISO systems with authoritative transactional source for prices and price versions</li> <li>Improve reliability and greatly simplify DSS price data integration</li> <li>Address NAESB WEQ-002 posting technical requirements</li> </ul>
Energy Markets Produce	cts
Long Term Loop Flow Response-Buy	<b>Status:</b> 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.
Through Congestion	<b>Deliverables:</b> 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 Calculator	<b>Status:</b> In late-2006, PJM approached NYISO, interested in developing a program to allow inter-control area dispatch to help manage congestion. PJM has implemented a program with MISO and is currently in the early stages of designing such a program with SPP. In 2007, NYISO initiated discussions with PJM to further understand the MISO program and begin to outline a conceptual straw proposal for a similar program between PJM and NY. NYISO has continued to define the details of a Congestion Management protocol between NYISO and PJM. In 2009, NYISO worked with PJM and NYISO stakeholders to develop a Congestion Management protocol.
	<b>Deliverables:</b> 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.



#### Description

#### **Status and Milestone Deliverables**

Interregional Transaction Coordination Phase 1-HQ on Dispatch	<b>Status:</b> Currently, energy transactions between the NYCA and other control areas are evaluated economically once for the hour. This project will be deployed in Q1 2011.
	<b>Deliverables:</b> This project will focus on instituting an intra-hour economic evaluation and scheduling of transactions with neighboring control areas, starting with the HQCA.
	Status: Currently ancillary services are procured from internal resources only.
Interregional Transaction Coordination Phase 2-Ancillary Services	<b>Deliverables:</b> 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	<b>Status:</b> 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 is scheduled for deployment in September.
	<b>Deliverables:</b> This project will allow these resources to represent their new costs in Real Time.
Scheduling & Pricing Phase 4 – Modify Transaction Default Settings	<b>Status:</b> 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.
	<b>Deliverables:</b> This project will evaluate the feasibility and appropriateness of modifying this default value and implement this new value.
Finance Products	
	<b>Status:</b> 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.
Credit Management System	<b>Deliverables:</b> 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

#### **Status and Milestone Deliverables**

Infrastructure Products	
	<b>Status:</b> This project continues the roadmap initiated with a 2009 project that enabled support for Microsoft-based applications for market participants.
Identity and Access Management	<b>Deliverables:</b> 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	<b>Status:</b> 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.
	<b>Deliverables:</b> 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	<b>Status:</b> 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.
	<b>Deliverables:</b> 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.
Operations and Reliabili	ty Products
Reference Level Software	<b>Status:</b> 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. Implementation is scheduled for September 2010.
	<b>Deliverables:</b> 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.



**Description** 

#### 2010 Major Product Enhancements

**Status and Milestone Deliverables** 

Wind Management Evolution – Meteorological Data Submission	<b>Status:</b> 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.
	<b>Deliverables:</b> 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	<b>Status:</b> 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 is scheduled for 2010.
	<b>Deliverables:</b> 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.

#### 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.



Description

#### 2010 Major Product Enhancements

**Status and Milestone Deliverables** 

# 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:
	<ul> <li>Remove restrictions on TCC sales in non-reconfiguration rounds in capability period auctions by providing the</li> </ul>
	opportunity to sell TCCs in any round
	<ul> <li>Implement Multi Duration Capability Period Auctions</li> </ul>
	Balance of period (BOP) TCCs; revised structure of the monthly auctions
	<b>Status:</b> 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	<b>Deliverables:</b> 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 2007-2009

Filing Date	Filing Summary	Docket	Order Date	Order Summary	Outcome
04/13/10	NYISO and NYTOs Joint Compliance Filing of OATT Revision Attachment Y. Filed April 13, 2010	OA08-52-008	08/30/10	FERC order accepting compliance filing effective 4/13/10	Accepted
06/21/10	Joint filing of LGIA among NYISO, NiMo, and Jordanville Wind	ER10-1507-000	08/17/10	FERC letter order accepting filing	Accepted
06/30/10	NYISO 205 filing re: baseline electronic tariff filing using eTariff software	ER10-1657-000	08/26/10	FERC letter order accepting baseline, effective 6/30/10 as requested	Accepted
8/06/10	NYISO compliance filing for Extension for the 3 Generator ROS Mitigation Rules (Move Rate Schedule M-1 into Att. H of Services Tariff)	ER09-1682-000, 004,005			
8/10/10	NYISO errata to correct some administrative errors which will more accurately reflect the tariff language in Bid Production Cost guarantee payment ("BPCG") filing (July 21, 2010)	ER10-1866-001			
8/10/10	NYISO errata to its July 26, 2010 filing regarding Increasing Bids in Real-Time (IBRT) Energy Offers. No substantive changes were proposed in this errata filing, which was made to update the base language on which the July 26 proposed revisions were made with errata revisions, affecting the same tariff sections, that were filed earlier today on the NYISO's July 21, 2010 filing.	ER10-1977-002			
8/12/10	NYISO Compliance filing of tariff revisions to the market power mitigation measures applicable to	EL07-39, ER08-695, ER10-2210			

Filing Date	Filing Summary	Docket	Order Date	Order Summary	Outcome
	In-City ICAP.				
8/16/10	NYISO and NYTOs Joint Compliance Filing Regarding Order No. 890 Related To OATT Attachment Y Revision.	OA08-52-007, ER10-2241-000			
8/16/10	NYISO Compliance Filing Concerning Response to FERC's Questions and Supplemental Report on Broader Regional Markets; Long-Term Solutions to Lake Erie Loop Flow.	ER08-1281-004			
8/16/10	Motion to Hold Proceedings in Abeyance, Request to Suspend Filing Deadlines, and Request for Expedited Action for NYISO.	ER10-1359-000 and EL10-70-000			
8/16/10	NYISO Compliance Filing Concerning Implementation Plan Including a Timetable for Offering LSEs, TCCs Between any Point of Injection and the LSE's load zone ("nonhistoric fixed price TCCs").	ER07-521-010			
8/16/10	NYISO Compliance Regarding Public Informational Report on Centralized Wind Forecasting Program in NYISO's Processes.	ER08-850-000			
8/23/10	NYISO filed its request to withdraw August 12, 2010 ICAP filing	ER10-2210-000			
8/23/10	NYSIO resubmission of ICAP compliance August 12, 2010 filing without original cover letter	ER10-2300-000			
8/24/10	NYISO re-filed its request to 2nd withdraw August 12, 2010 ICAP filing	ER10-2300-000			

Filing Date	Filing Summary	Docket	Order Date	Order Summary	Outcome
8/24/10	NYISO resubmission of its August 12 Compliance filing re In-City ICAP	EL07-39, ER08- 695, ER10-2371- 000			
8/24/10	<b>NYISO 205</b> filing of its Agreements baseline for eTariff	ER10-2307-000			
8/24/10	NYISO 205 Filing of Joint interconnection agreement (LGIA) on behalf of NYSEG and Standard Binghamton.	ER10-2349-000			
8/30/10	NYISO filing of withdrawal of its August 16, 2010 Order 890 compliance filing	ER10-2241-000			
8/30/10	NYISO filing of resubmittal of its August 16, 2010 Order 890 compliance filing to correct filing type code	ER10-2459-000			
8/31/10	NYISO Filing of a response to the Request for Rehearing of the PSEG Companies	ER08-1281-004			