

# **NYISO CEO/COO Report**

Management Committee Meeting June 15, 2010

Agenda #3

# **Report Items**

## **CEO Report**

- DOE Stimulus Project
- Control Center

# **COO Report**

- Market Performance Highlights For Information Only
- Operations Performance Metrics Monthly Report

# Market Performance Highlights for May 2010

- LBMP for May is \$48.82/MWh, up from \$41.56/MWh in April 2010.
  - Average monthly cost is \$51.87/MWh, up from \$45.13/MWh in April 2010.
  - Day Ahead and Real Time LBMPs have increased from April 2010.
- Average daily sendout is 415GWh/day in May, up from 387GWh/day in April 2010 and higher than the May 2009 sendout of 396GWh/day.
- Natural Gas prices are up slightly compared to last month, while the distillates are lower.
  - Kerosene is \$15.86/MMBtu, down from \$17.09/MMBtu in April.
  - No. 2 Fuel Oil is \$14.60/MMBtu, down from \$15.72/MMBtu in April.
  - No. 6 Fuel Oil is \$11.62/MMBtu, down from \$12.38/MMBtu in April.
  - Natural Gas is \$4.49MMBtu, up from \$4.33/MMBtu in April.
- Uplift per MWh is down from the previous month.
  - Uplift (not including NYISO cost of operations) is \$0.32/MWh, down from \$0.61/MWh in April.
    - The TSA share is \$0.03/MWh
    - The Local Reliability Share is \$0.19/MWh
    - The Other Share is \$0.10/MWh
- Total uplift (Schedule 1 components including NYISO Cost of Operations) decreased in May to \$13.6 million from \$15.5 million in April.

#### Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2009 Annual Average \$48.69/MWh May 2009 YTD Average \$53.90/MWh May 2010 YTD Average \$53.29/MWh \$240 \$220 \$200 \$180 \$160 \$140 \$120 \$100 \$80 \$60 \$40 \$20 \$0 3/26 4/23 5/21 10/8 10/22 11/5 12/3 12/17 7 2/2 6/4 7/2 2010 2009

<sup>\*</sup> Excludes ICAP payments.

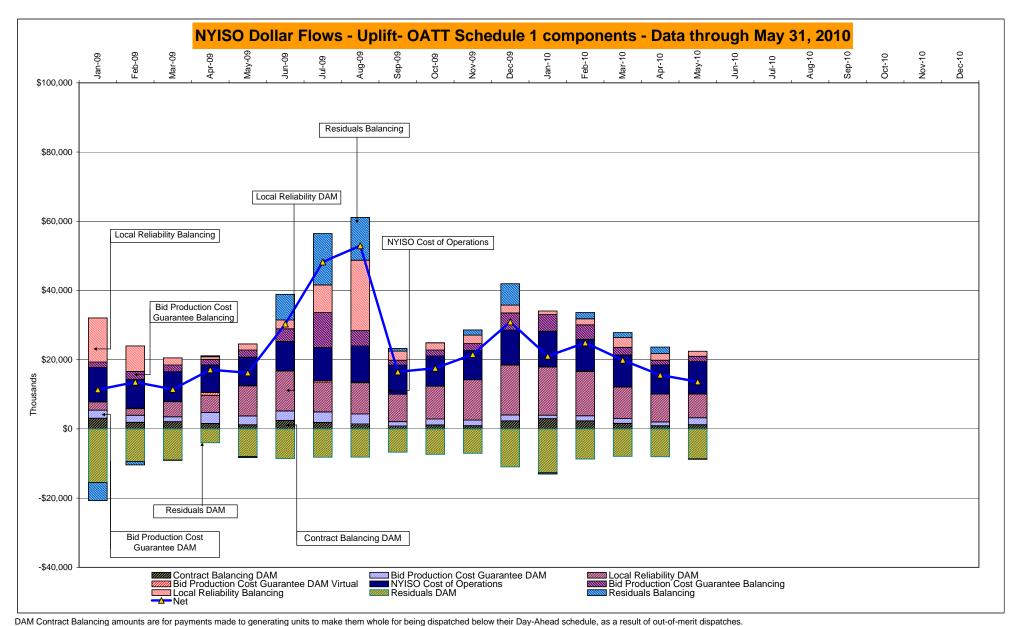
## NYISO Average Cost/MWh (Energy and Ancillary Services)\* from the LBMP Customer point of view

LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share Voltage Support and Black Start Avg Monthly Cost Avg YTD Cost	January 63.90 0.70 0.19 0.44 0.71 0.76 - 0.54 0.22 0.44 67.15	February 52.44 0.77 0.17 0.37 0.71 1.22 - 0.72 0.50 0.44 56.13	March 40.19 0.88 0.26 0.40 0.71 0.82 - 0.49 0.33 0.44 43.71  56.32	April 41.56 1.19 0.29 0.32 0.71 0.61 - 0.39 0.22 0.44 45.13	May 48.82 0.95 0.32 0.30 0.71 0.32 0.03 0.19 0.10 0.44 51.87	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
<b>2009</b>	January 73.30	February 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	August 43.65	September 31.74	October 39.74	November 37.87	December 55.63
NTAC	0.45	0.53	0.36	0.87	0.58	0.77	0.63	0.61	0.62	0.65	0.81	0.76
Reserve	0.26	0.35	0.31	0.24	0.30	0.23	0.24	0.16	0.24	0.26	0.20	0.21
Regulation	0.45	0.48	0.55	0.37	0.31	0.37	0.29	0.24	0.32	0.44	0.38	0.42
NYISO Cost of Operations	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.69	0.69	0.69
Uplift	0.11	0.41	0.21	0.67	0.63	1.71	2.66	2.75	0.63	0.70	1.07	1.45
Uplift: TSA Share	-	-	0.00	0.02	0.02	0.43	0.71	0.41	-	-	-	-
Uplift: Local Reliability Share	0.15	0.28	0.12	0.22	0.41	0.80	0.91	1.53	0.40	0.46	0.70	0.78
Uplift: Other Share	(0.04)	0.13	0.09	0.43	0.20	0.48	1.04	0.81	0.23	0.24	0.37	0.67
Voltage Support and Black Start	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Avg Monthly Cost	75.55	55.50	48.06	42.81	40.65	43.08	45.49	48.39	34.55	42.81	41.35	59.50
Avg YTD Cost	75.55	66.83	60.97	56.83	53.90	52.08	51.00	50.57	48.74	48.17	47.62	48.69

These numbers reflect the true-ups thru December 2009.

Market Mitigation and Analysis Prepared: 6/7/2010 1:40 PM

<sup>\*</sup> Excludes ICAP payments.



DAM Contract Balancing amounts are for payments made to generating units to make them whole for being dispatched below their Day-Anead schedule, as a result of out-of-ment dispatches.

DAM Bid Production Cost Guarantees for Virtual Transactions are included in the chart and are shown from the inception of Virtual Transactions. These values are small and cannot be identified on the chart.

DAM residuals consist of both energy and loss revenue collections and payments. By design, there is a net over collection of revenues due to the difference between the marginal losses paid to generation and the average losses charged to loads.

#### **NYISO Markets Transactions**

<u>2010</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	14,034,781	12,593,305	12,922,930	11,769,468	12,795,110							
DAM LSE Internal LBMP Energy Sales	49%	46%	47%	53%	47%							
DAM External TC LBMP Energy Sales	2%	3%	1%	1%	1%							
DAM Bilateral - Internal Bilaterals	41%	43%	43%	39%	44%							
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	6%	5%	5%	4%	5%							
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	2%	2%							
DAM Bilateral - Wheel Through Bilaterals	2%	1%	1%	1%	1%							
Balancing Energy Market MWh	377,994	280,238	21,148	637	341,742							
Balancing Energy LSE Internal LBMP Energy Sales	40%	53%	-427%	-14017%	61%							
Balancing Energy External TC LBMP Energy Sales	56%	50%	593%	17099%	44%							
Balancing Energy Bilateral - Internal Bilaterals	9%	7%	191%	6847%	7%							
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	2%	35%	1%							
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%	117%	3606%	6%							
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%	-376%	-13470%	-19%							
Transactions Summary												
LBMP	52%	50%	49%	54%	50%							
Internal Bilaterals	40%	43%	43%	39%	43%							
Import Bilaterals	5%	5%	5%	4%	5%							
Export Bilaterals	2%	2%	2%	2%	2%							
Wheels Through	1%	1%	1%	1%	0%							
Market Share of Total Load	.,,	.,,	.,.	.,,								-
Day Ahead Market	97.4%	97.8%	99.8%	100.0%	97.4%							
Balancing Energy +	2.6%	2.2%	0.2%	0.0%	2.6%							
Total MWH		12,873,543	12,944,078	11,770,104								
Average Daily Energy Sendout/Month GWh	451	444	410	387	415							
												-
2009	January	February	March	April	Mav	June	July.	August	September	October	November	December
2009	<u>January</u>	February	March	<u>April</u>	May	June	<u>July</u> 14 549 784	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
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales	14,570,391 45%	12,511,009 44%	13,160,913 46%	12,121,505 47%	12,324,218 43%	13,159,069 48%	14,549,784 51%	15,547,976 53%	12,761,517 53%	12, <del>385,591</del> 50%	12,446,286 47%	14,046,621 46%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales	14,570,391 45% 4%	12,511,009 44% 2%	13,160,913 46% 1%	12,121,505 47% 1%	12,324,218 43% 2%	13,159,069 48% 2%	14,549,784 51% 1%	15,547,976 53% 1%	12,761,517 53% 1%	12,385,591 50% 1%	12,446,286 47% 2%	14,046,621 46% 3%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals	14,570,391 45% 4% 45%	12,511,009 44% 2% 47%	13,160,913 46% 1% 45%	12,121,505 47% 1% 45%	12,324,218 43% 2% 48%	13,159,069 48% 2% 43%	14,549,784 51% 1% 42%	15,547,976 53% 1% 40%	12,761,517 53% 1% 39%	12,385,591 50% 1% 43%	12,446,286 47% 2% 44%	14,046,621 46% 3% 43%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals	14,570,391 45% 4% 45% 45%	12,511,009 44% 2% 47% 5%	13,160,913 46% 1% 45% 5%	12,121,505 47% 1% 45% 5%	12,324,218 43% 2% 48% 5%	13,159,069 48% 2% 43% 5%	14,549,784 51% 1% 42% 5%	15,547,976 53% 1% 40% 5%	12,761,517 53% 1% 39% 5%	12,385,591 50% 1% 43% 4%	12,446,286 47% 2% 44% 5%	14,046,621 46% 3% 43% 5%
Day Ahead Market MWh  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	14,570,391 45% 4% 45% 4% 2%	12,511,009 44% 2% 47% 5% 2%	13,160,913 46% 1% 45% 5% 2%	12,121,505 47% 1% 45% 5% 2%	12,324,218 43% 2% 48% 5% 2%	13,159,069 48% 2% 43% 5% 1%	14,549,784 51% 1% 42% 5% 1%	15,547,976 53% 1% 40% 5% 1%	12,761,517 53% 1% 39% 5% 1%	12,385,591 50% 1% 43% 4% 2%	12,446,286 47% 2% 44% 5% 2%	14,046,621 46% 3% 43% 5% 1%
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Day Ahead Market MWh  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 - Export/Non-LBMP Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28%	13,159,069 48% 2% 43% 5% 1% 1% -115,653 -247%	14,549,784 51% 1% 42% 5% 1% 1% 131,797 -99%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49%
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Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals	14,570,391 45% 4% 45% 44% 2% 0% 699,813 56% 38% 8% 0%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 76% 18% 0%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0% 2%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% 1-15,653 -247% 141% 23% 2% 8% -27%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0% 2% -2%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44%	14,549,784 51% 14% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0% -2% 555% 38%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 0% 1% -2% 51% 43% 4%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% -15% 48% 44% 5%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% 1-115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5%	14,549,784 51% 14% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 16 560,968 65% 29% 6% 0% -2% 55% 38% 5%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16% 52% 42% 44%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 0% 1% -2% 51% 43% 44% 2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 4% -15%	13,159,069 48% 2% 43% 5% 1% 1% -115,653 -247% 141% 23% 8% -27% 49% 44% 5% 1%	14,549,784 51% 14% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1%	15,547,976 53% 1% 40% 5% 1% 16 560,968 65% 29% 6% 0% -2% 55% 38% 5% 1%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% -8% 55% 38% 5% 1%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16% 52% 42% 44% 2%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 0% 1% -2% 51% 43% 4%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% -15% 48% 44% 5%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% 1-115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5%	14,549,784 51% 14% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 16 560,968 65% 29% 6% 0% -2% 55% 38% 5%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16% 52% 42% 44%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 47% 55% 272,508	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1% 0%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1%	15,547,976 53% 1% 40% 5% 1% 16 560,968 65% 29% 6% 0% -2% 55% 38% 5% 1%	12,761,517 53% 1% 39% 5% 1% 170,324 76% 18% 0% 8% -8% 55% 38% 5% 1% 1%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% -16% 52% 42% 4% 2% 1%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 4% -15% 46% 47% 5% 2% 0%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1% 0%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1%	15,547,976 53% 1% 40% 5% 1% 160,968 65% 29% 6% 0% -2% 55% 38% 5% 1% 1%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8% 55% 38% 5% 1% 1%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 53% 0% 0% 9% -16% 52% 42% 4% 2% 1% 98.1%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market  Balancing Energy +	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0% 95.4% 4.6%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0% 0%	12,121,505 47% 145% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0% 98.8% 1.2%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 4% -15% 46% 47% 5% 2% 97.8% 2.2%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1% 0%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1%	15,547,976 53% 1% 40% 5% 1% 16,560,968 65% 29% 6% 0% 22% -2% 55% 38% 1% 1%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8% 55% 38% 5% 1% 1% 98.7% 1.3%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16% 52% 42% 42% 4% 2% 1%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 0% 0% 101.3% -1.3%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1% 97.0% 3.0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0% 95.4% 4.6%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0% 0%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 4% -15% 46% 47% 5% 2% 0%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1% 0%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1%	15,547,976 53% 1% 40% 5% 1% 160,968 65% 29% 6% 0% -2% 55% 38% 5% 1% 1%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18% 0% 8% -8% 55% 38% 5% 1% 1% 98.7% 1.3%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 53% 0% 0% 9% -16% 52% 42% 4% 2% 1% 98.1%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 0% 0% 101.3% -1.3%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1%

<sup>+</sup> Balancing Energy: Load(MW) purchased at Real Time LBMP.

Notes: Percent totals may not equal 100% due to rounding.

Virtual Transactions are not reflected in this chart.

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

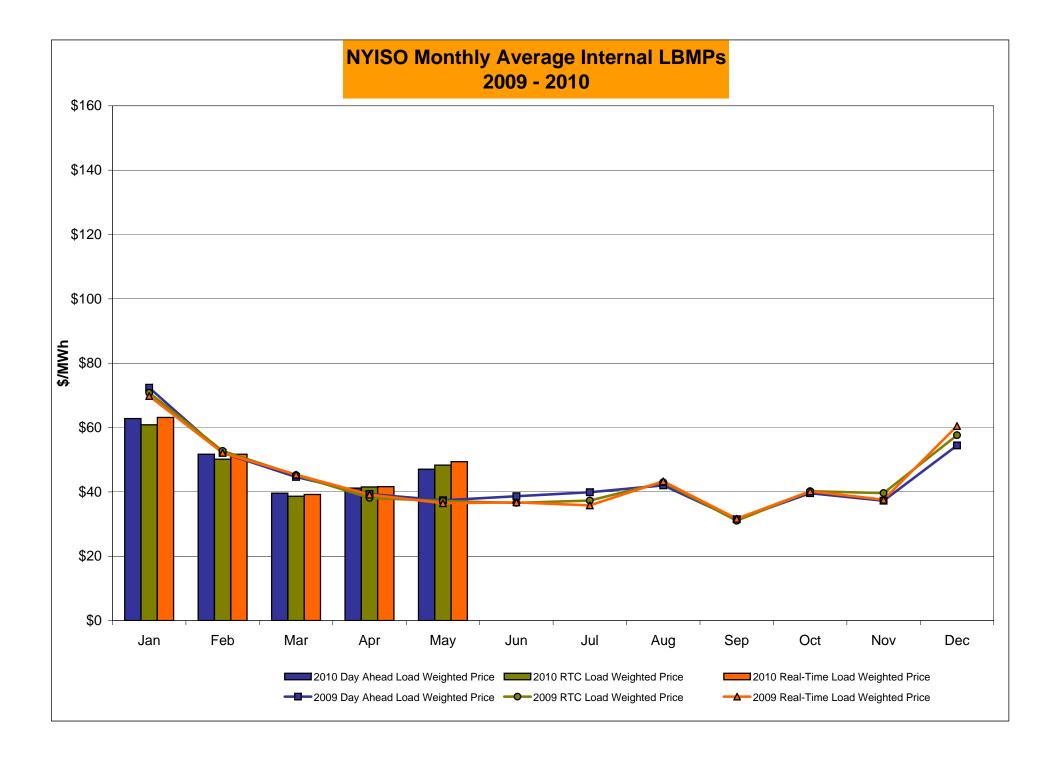
#### **NYISO Markets 2010 Energy Statistics**

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP		-			-				
Price *	\$60.96	\$50.47	\$38.69	\$40.13	\$45.29				
Standard Deviation	\$20.86	\$13.07	\$7.78	\$8.09	\$11.45				
Load Weighted Price **	\$62.80	\$51.71	\$39.60	\$41.18	\$47.04				
RTC LBMP									
Price *	\$59.32	\$49.38	\$37.94	\$40.58	\$46.70				
Standard Deviation	\$33.92	\$24.97	\$14.48	\$13.84	\$21.47				
Load Weighted Price **	\$60.85	\$50.16	\$38.64	\$41.54	\$48.31				
REAL TIME LBMP									
Price *	\$60.40	\$50.45	\$38.09	\$40.49	\$47.17				
Standard Deviation	\$42.06	\$30.38	\$19.24	\$17.00	\$28.15				
Load Weighted Price **	\$63.13	\$51.69	\$39.19	\$41.62	\$49.38				
Average Daily Energy Sendout/Month GWh	451	444	410	387	415				

#### NYISO Markets 2009 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August S	September	October	November [	<u>December</u>
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

<sup>Average zonal load weighted prices.
Average zonal load weighted prices, load weighted in each hour.</sup> 

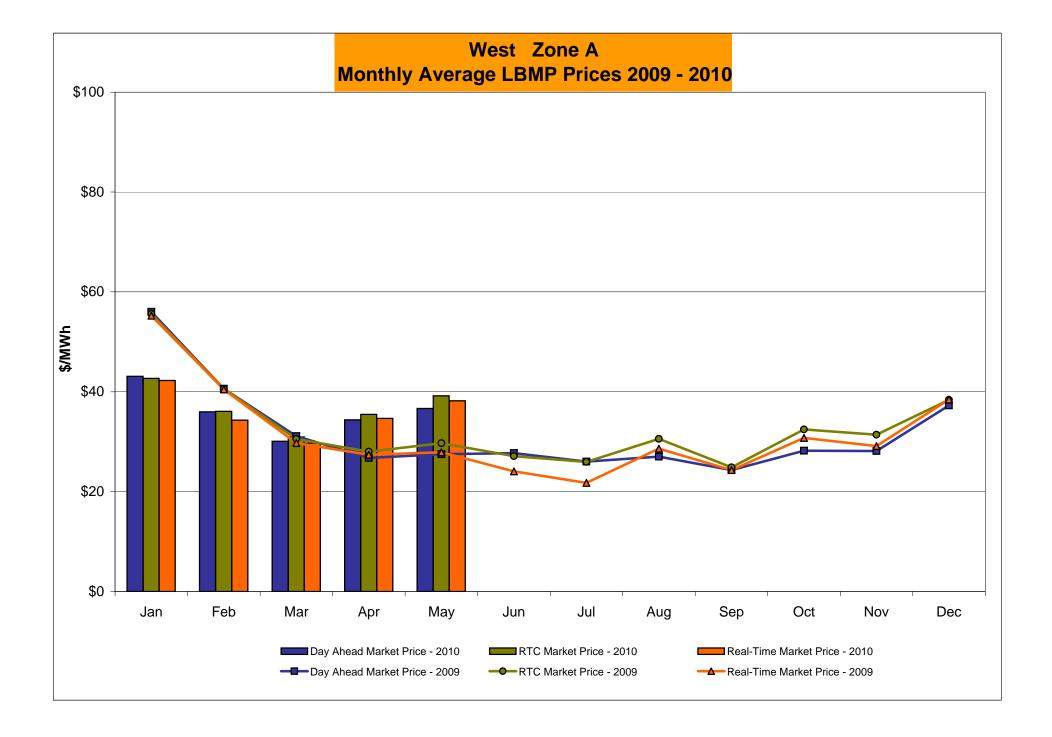


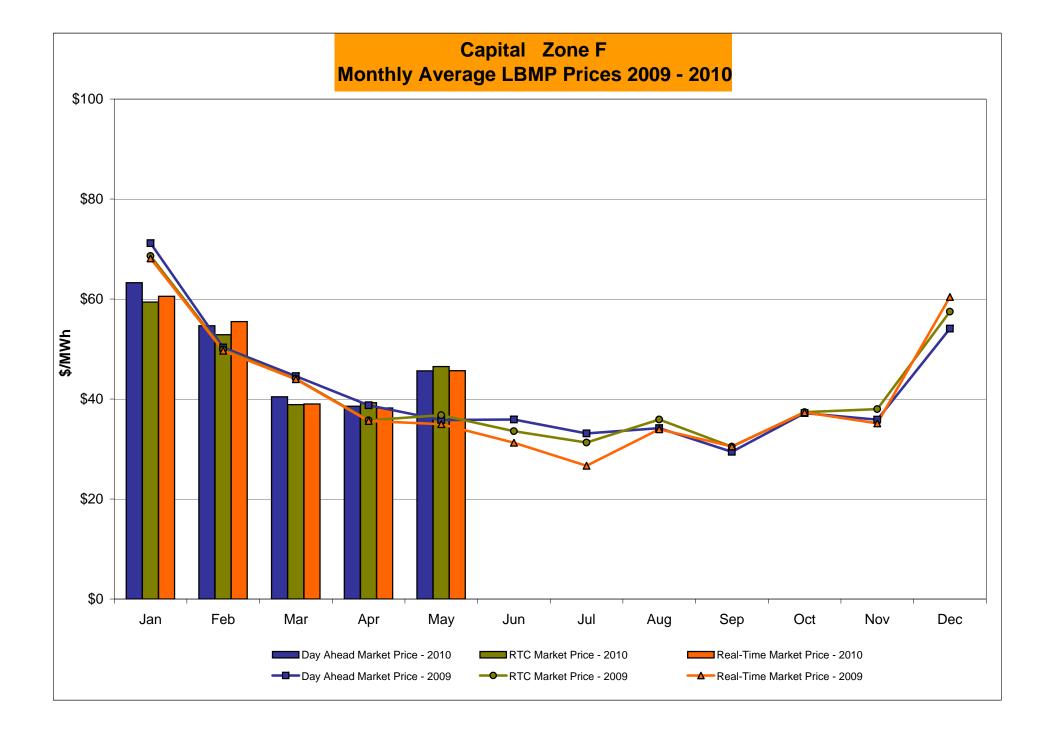
#### May 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

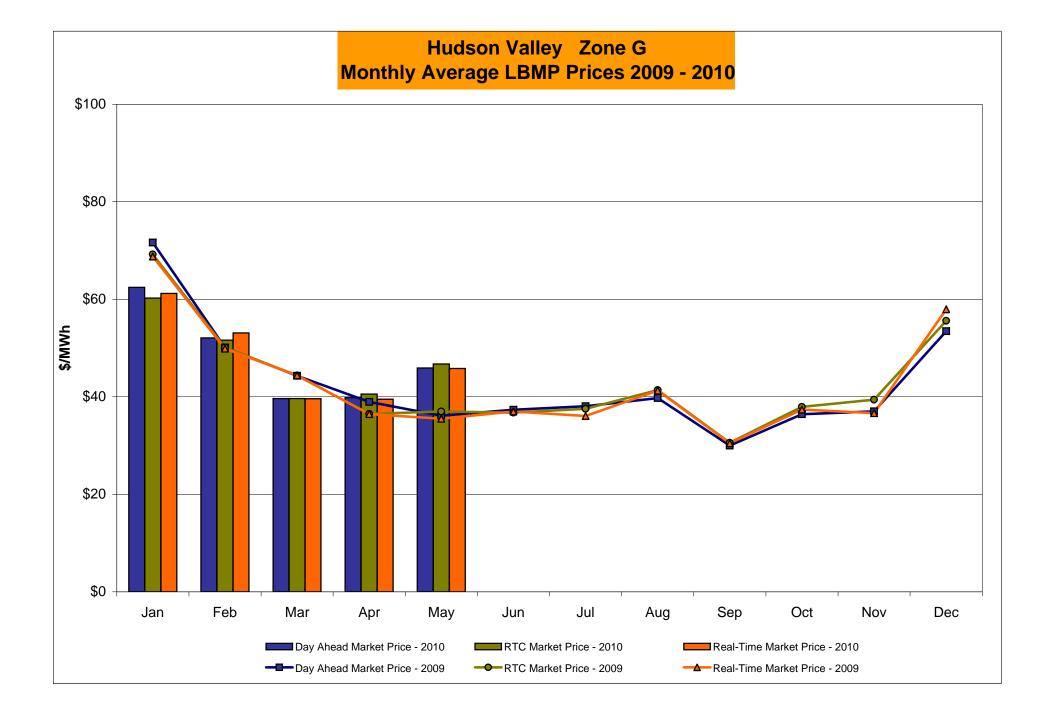
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL  Zone C	MOHAWK VALLEY Zone E	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE  Zone I	NEW YORK CITY Zone J	LONG ISLAND Zone K
DAY AHEAD LBMP		· <u> </u>	<u></u>		· <u></u>						<u></u>
Unweighted Price *	36.65	38.02	36.10	39.35	40.49	45.64	45.90	45.94	46.13	49.14	51.32
Standard Deviation	7.24	8.04	8.52	8.27	8.84	10.86	11.27	11.51	11.54	13.74	18.16
RTC LBMP											
Unweighted Price *	39.19	40.55	39.11	41.57	42.84	46.51	46.75	46.72	48.92	49.51	53.28
Standard Deviation	17.12	18.01	17.26	18.63	19.19	20.57	20.66	20.89	27.53	25.65	31.73
REAL TIME LBMP											
Unweighted Price *	38.19	39.50	37.95	40.48	41.69	45.66	45.80	45.73	49.52	50.31	57.25
Standard Deviation	17.72	18.60	17.67	19.19	19.72	21.69	21.79	22.41	47.21	40.80	50.24
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	РЈМ	NEW ENGLAND	CROSS SOUND CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	Dennison	
	-	QUEBEC	QUEBEC	РЈМ		SOUND		NEPTUNE Controllable	LINDEN VFT	Dennison Controllable	
	-	QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP	IESO Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price *	Zone O 35.86	QUEBEC (Wheel)  Zone M  38.25	QUEBEC (Import/Export)  Zone M  37.93	<b>Zone P</b> 42.05	Zone N 45.57	SOUND CABLE Controllable Line 51.28	NORWALK Controllable Line 48.85	Controllable Line 50.13	Controllable Line 47.94	Controllable Line 35.84	
	IESO Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price * Standard Deviation	Zone O 35.86 7.00	QUEBEC (Wheel) <u>Zone M</u> 38.25 7.96	QUEBEC (Import/Export) Zone M 37.93 7.96	<b>Zone P</b> 42.05 9.48	<b>Zone N</b> 45.57 10.78	SOUND CABLE Controllable Line 51.28 18.24	NORWALK Controllable Line 48.85 13.87	Controllable Line 50.13 17.64	Controllable Line 47.94 12.38	Controllable Line 35.84 8.32	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	Zone O 35.86 7.00	QUEBEC (Wheel) Zone M 38.25 7.96	QUEBEC (Import/Export)  Zone M  37.93 7.96	<b>Zone P</b> 42.05 9.48	<b>Zone N</b> 45.57 10.78	SOUND CABLE Controllable Line 51.28 18.24	NORWALK Controllable Line 48.85 13.87	50.13 17.64	47.94 12.38	Controllable Line 35.84 8.32	
Unweighted Price * Standard Deviation	Zone O 35.86 7.00	QUEBEC (Wheel) <u>Zone M</u> 38.25 7.96	QUEBEC (Import/Export) Zone M 37.93 7.96	<b>Zone P</b> 42.05 9.48	<b>Zone N</b> 45.57 10.78	SOUND CABLE Controllable Line 51.28 18.24	NORWALK Controllable Line 48.85 13.87	Controllable Line 50.13 17.64	Controllable Line 47.94 12.38	Controllable Line 35.84 8.32	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation  REAL TIME LBMP	Zone O  35.86 7.00  36.88 9.18	QUEBEC (Wheel) Zone M 38.25 7.96 38.59 43.18	QUEBEC (Import/Export)  Zone M  37.93 7.96  37.13 43.30	<b>Zone P</b> 42.05 9.48 42.30 10.42	<b>ENGLAND Zone N</b> 45.57 10.78  44.60 11.16	SOUND CABLE Controllable Line 51.28 18.24 52.37 26.41	NORWALK Controllable Line 48.85 13.87 51.75 26.22	50.13 17.64 50.72 24.44	47.94 12.38 45.49 12.17	35.84 8.32 36.86 10.59	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation	Zone O 35.86 7.00	QUEBEC (Wheel) Zone M 38.25 7.96	QUEBEC (Import/Export)  Zone M  37.93 7.96	<b>Zone P</b> 42.05 9.48	<b>Zone N</b> 45.57 10.78	SOUND CABLE Controllable Line 51.28 18.24	NORWALK Controllable Line 48.85 13.87	50.13 17.64	47.94 12.38	Controllable Line 35.84 8.32	

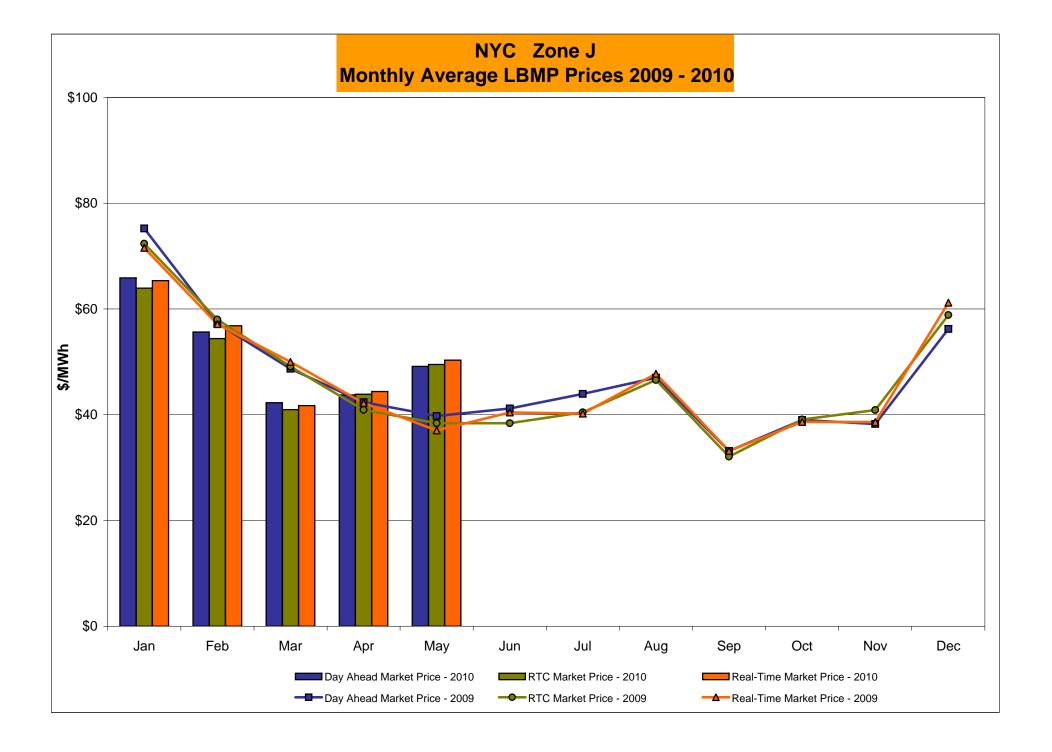
Market Mitigation and Analysis Prepared: 6/7/2010 1:04 PM

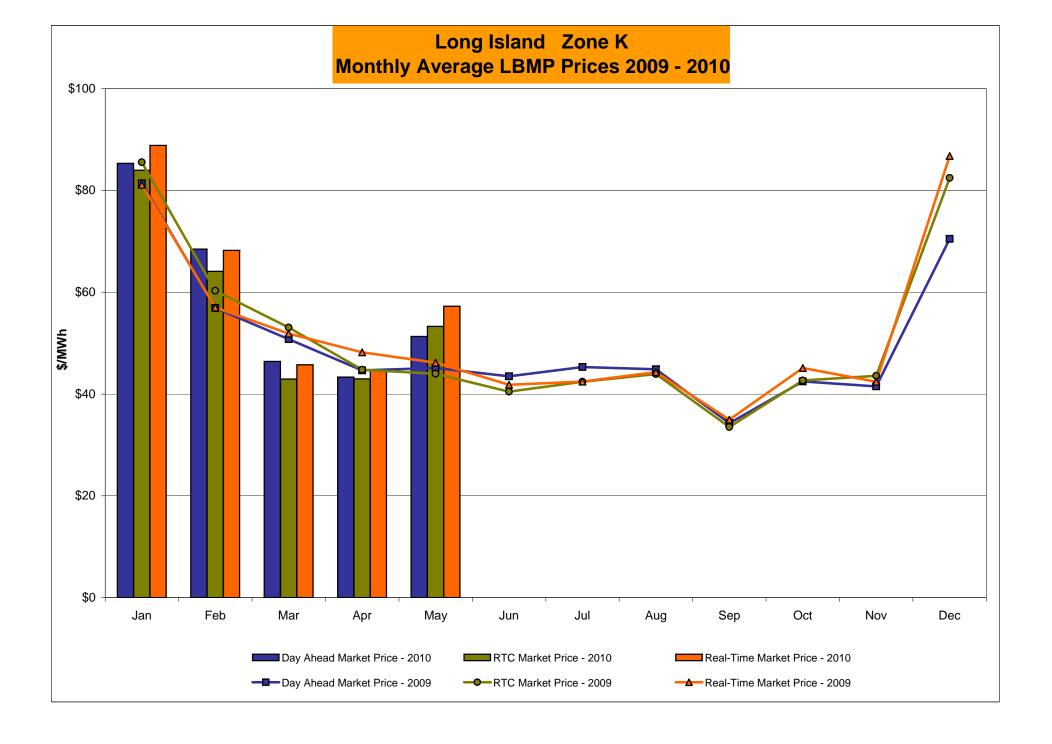
<sup>\*</sup> Straight LBMP averages

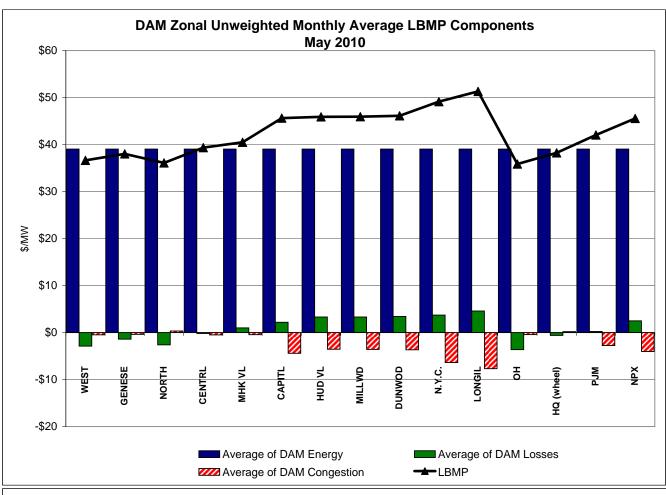


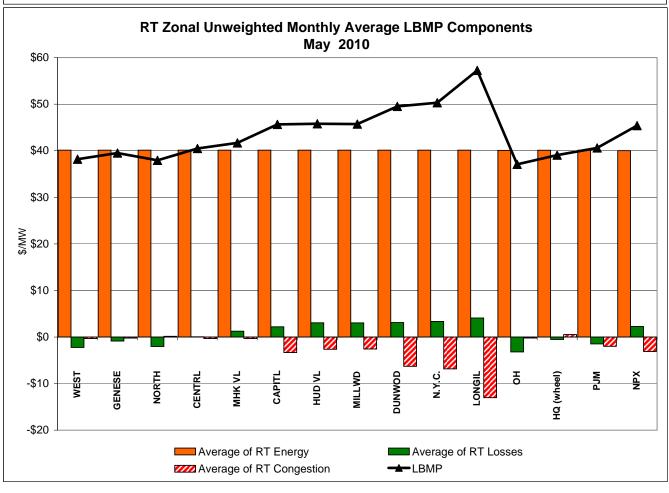




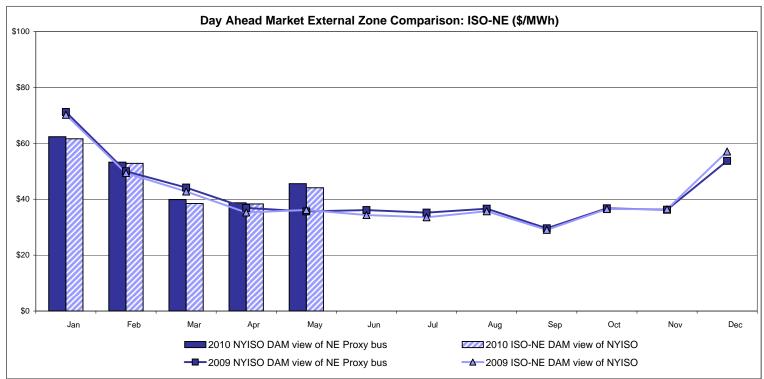


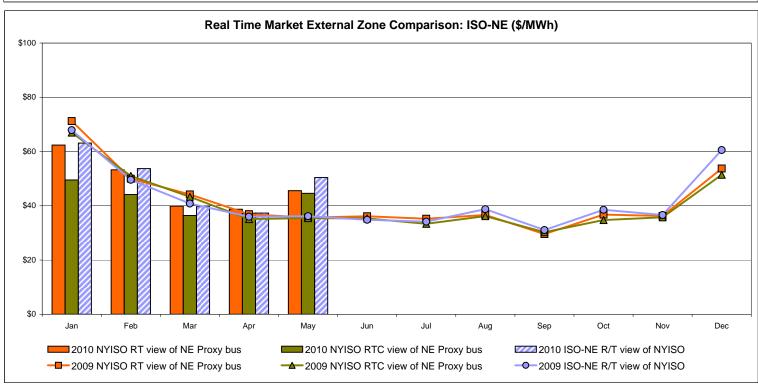




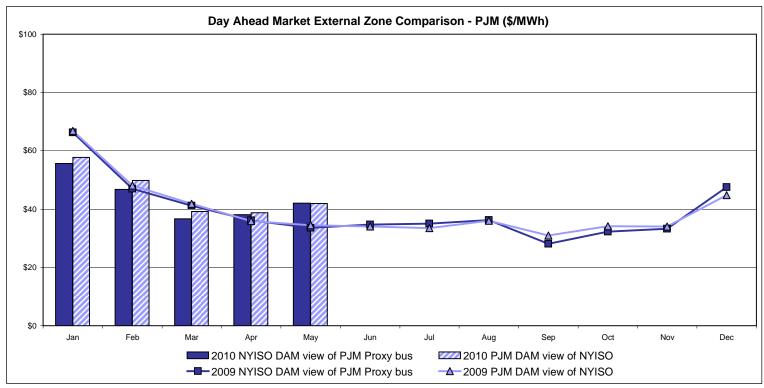


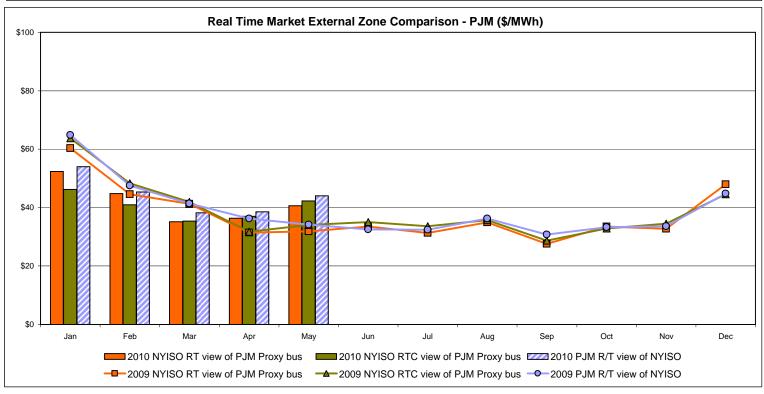
## **External Comparison ISO-New England**



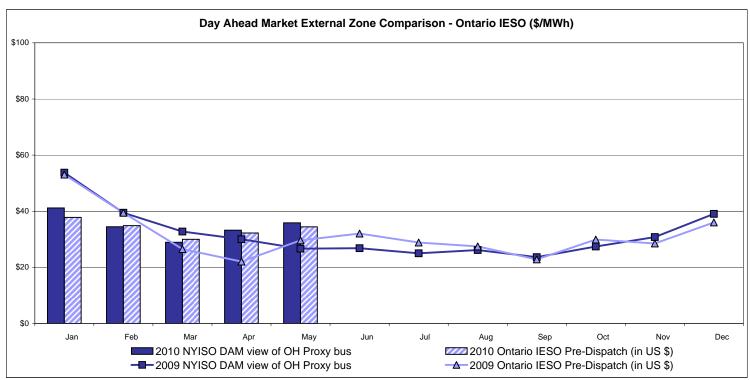


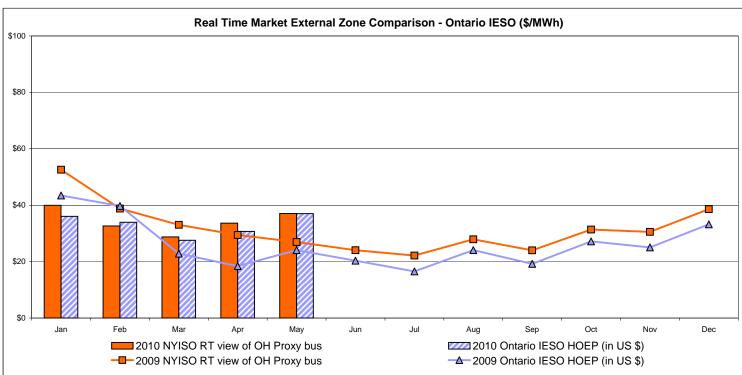
#### **External Comparison PJM**





#### **External Comparison Ontario IESO**

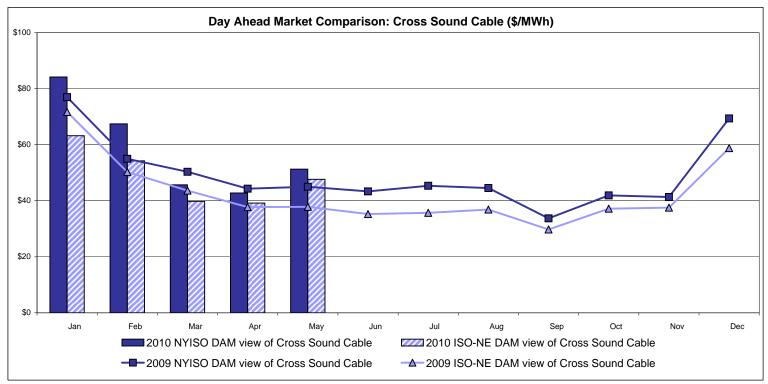


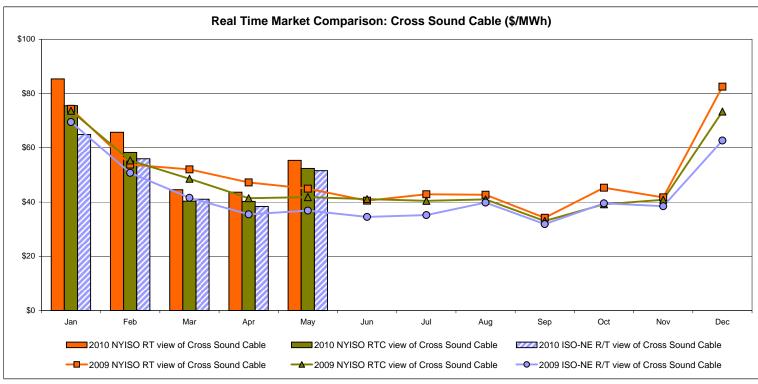


Notes: Exchange factor used for May 2010 was 0.96 to US \$

HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price

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





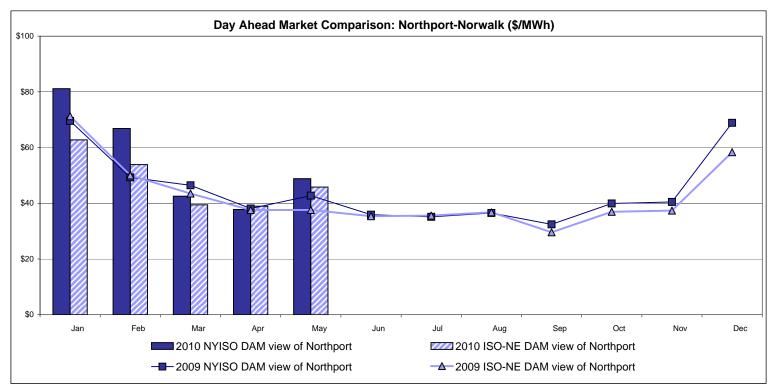
#### Note:

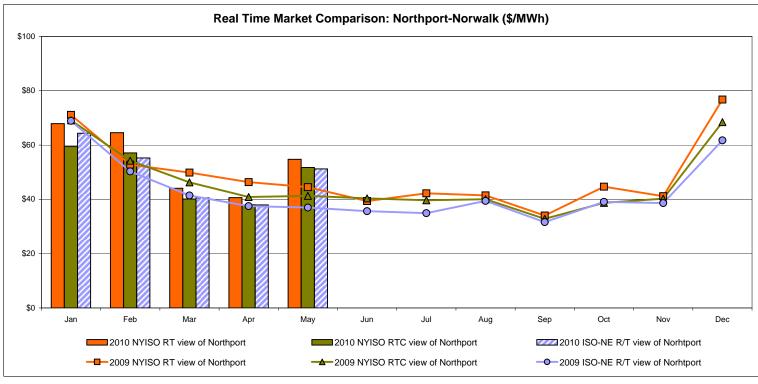
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





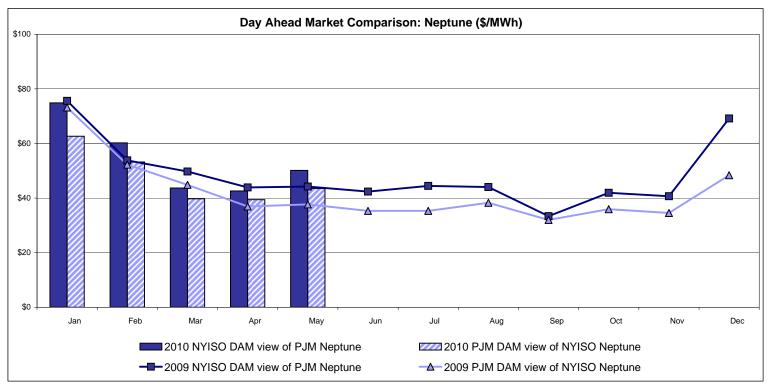
#### Note:

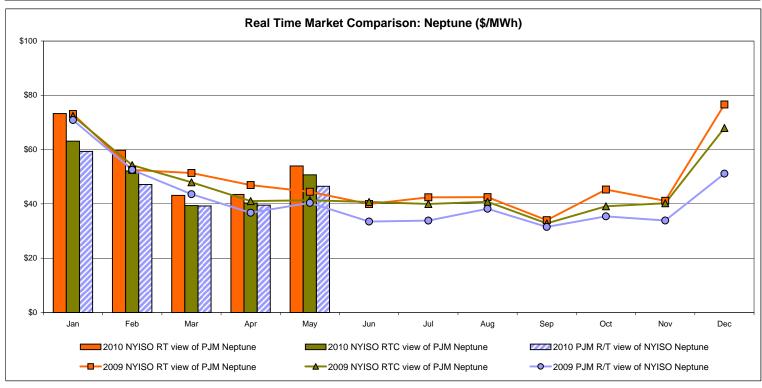
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

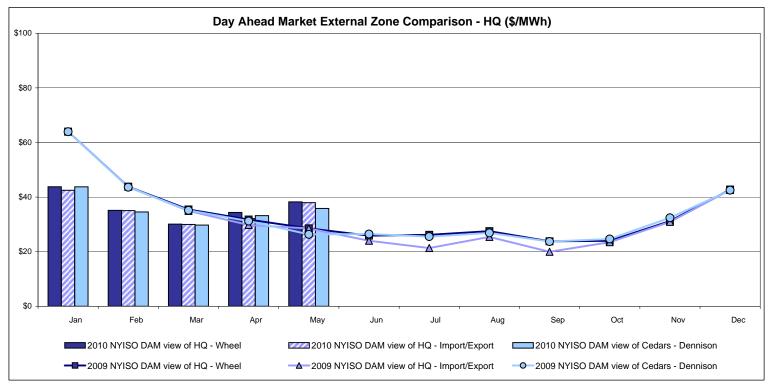
The DAM and R/T prices at the 1385 interface are used for NYISO.

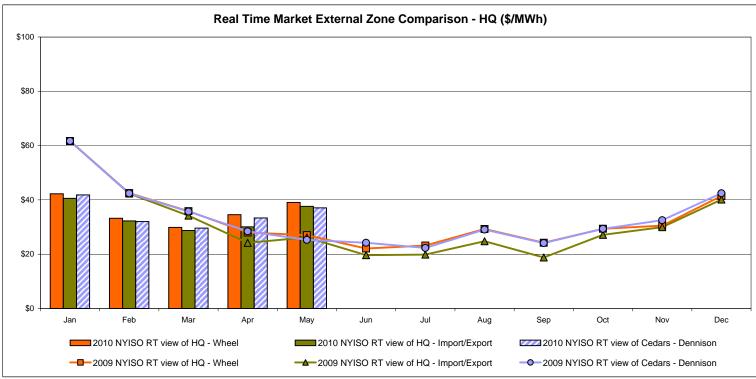
## **External Controllable Line: Neptune (PJM)**





#### **External Comparison Hydro-Quebec**

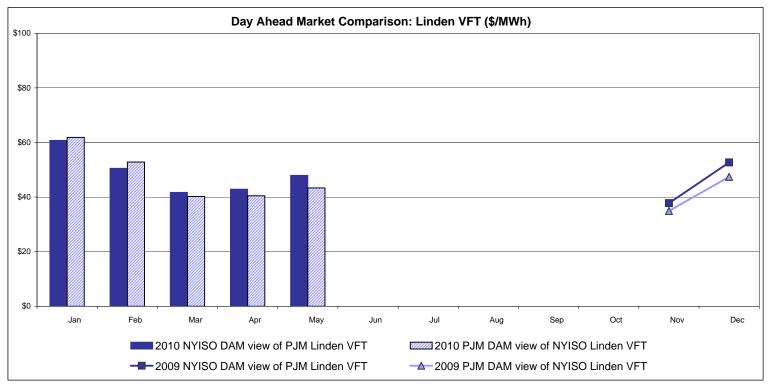


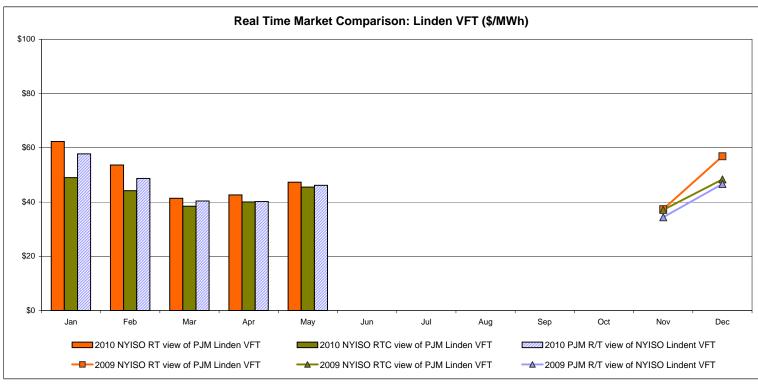


Note:

Hydro-Quebec Prices are unavailable.

### **External Controllable Line: Linden VFT (PJM)**





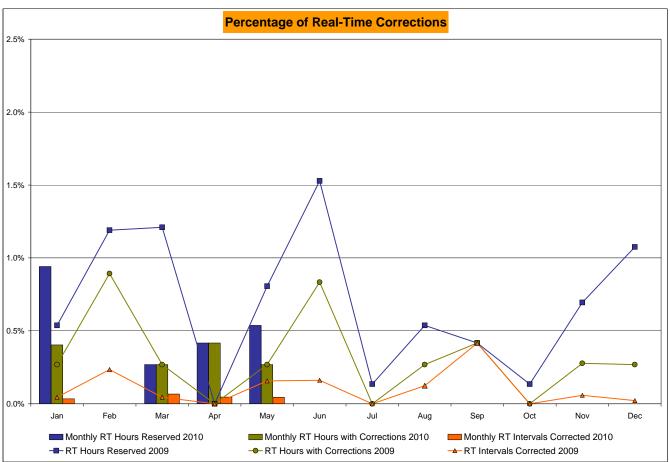
Note: Linden VFT Scheduled Line Data available beginning 11/1/2009.

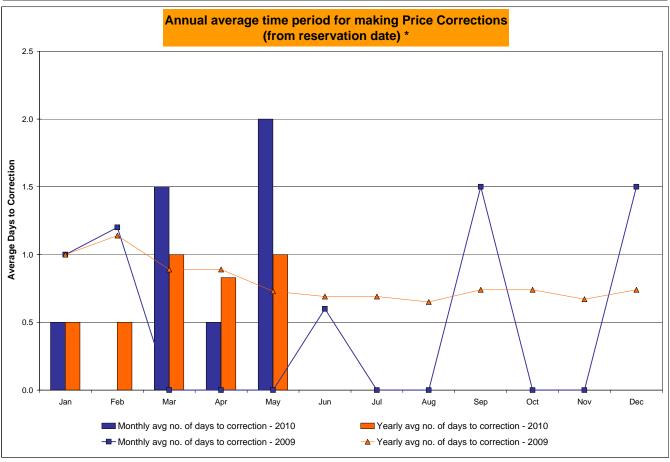
#### **NYISO Real Time Price Correction Statistics**

<u>2010</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Hour Corrections	:	0	0	2	2	0							
Number of hours with corrections  Number of hours	in the month in the month	3 744	0 672	2 744	3 720	2 744							
% of hours with corrections	in the month	744 0.40%	0.00%	744 0.27%	720 0.42%	744 0.27%							
	in the month												
% of hours with corrections	year-to-date	0.40%	0.21%	0.23%	0.28%	0.28%							
Interval Corrections													
Number of intervals corrected	in the month	3	0	6	4	4							
Number of intervals	in the month	8,934	8,057	8,913	8,640	8,946							
% of intervals corrected	in the month	0.03%	0.00%	0.07%	0.05%	0.04%							
% of intervals corrected	year-to-date	0.03%	0.02%	0.03%	0.04%	0.04%							
Hours Reserved													
Number of hours reserved	in the month	7	0	2	3	4							
Number of hours	in the month	744	672	744	720	744							
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.42%	0.54%							
% of hours reserved	year-to-date	0.94%	0.49%	0.42%	0.42%	0.44%							
Days to Correction *	•												
Avg. number of days to correction	in the month	0.50	0.00	1.50	0.50	2.00							
Avg. number of days to correction	year-to-date	0.50	0.50	1.00	0.83	1.00							
Days Without Corrections	,												-
Days without corrections	in the month	29	28	29	28	30							
Days without corrections	year-to-date	29	57	86	114	144							
2000		lam.com.c	Гартиани	March	A!!	Mari	l	la de c	A	Cantanahar	Ostobor	Marramahan	Dagamahar
2009		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
Hour Corrections	in the month			, <u></u> ,	<u></u>	<del></del>							
Hour Corrections  Number of hours with corrections	in the month	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		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	3 720 0.42%	0 744 0.00%	2	2
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	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 % of hours with corrections Interval Corrections	in the month 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%	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	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 Number of intervals	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	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%	6 720 0.83% 0.41% 14 8,655	0 744 0.00% 0.35% 0 8,947	2 744 0.27% 0.34%	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	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 Number of intervals	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	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%	6 720 0.83% 0.41% 14 8,655	0 744 0.00% 0.35% 0 8,947	2 744 0.27% 0.34%	3 720 0.42% 0.35% 36 8,656	0 744 0.00% 0.32% 0 8,933	2 720 0.28% 0.31% 5 8,632	2 744 0.27% 0.31% 2 8,941
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 4 8,966 0.04%	6 672 0.89% 0.56% 19 8,082 0.24%	2 744 0.27% 0.46% 4 8,933 0.04%	0 720 0.00% 0.35% 0 8,639 0.00%	2 744 0.27% 0.33% 14 8,941 0.16%	6 720 0.83% 0.41% 14 8,655 0.16%	0 744 0.00% 0.35% 0 8,947 0.00%	2 744 0.27% 0.34% 11** 8,910 0.12%	3 720 0.42% 0.35% 36 8,656 0.42%	0 744 0.00% 0.32% 0 8,933 0.00%	2 720 0.28% 0.31% 5 8,632 0.06%	2 744 0.27% 0.31% 2 8,941 0.02%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 4 8,966 0.04%	6 672 0.89% 0.56% 19 8,082 0.24%	2 744 0.27% 0.46% 4 8,933 0.04%	0 720 0.00% 0.35% 0 8,639 0.00%	2 744 0.27% 0.33% 14 8,941 0.16%	6 720 0.83% 0.41% 14 8,655 0.16%	0 744 0.00% 0.35% 0 8,947 0.00%	2 744 0.27% 0.34% 11** 8,910 0.12%	3 720 0.42% 0.35% 36 8,656 0.42%	0 744 0.00% 0.32% 0 8,933 0.00%	2 720 0.28% 0.31% 5 8,632 0.06%	2 744 0.27% 0.31% 2 8,941 0.02%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	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%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours	in the month in the month year-to-date  in the month in the month 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%	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% 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%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month	2 744 0.27% 0.27% 4 8,966 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%	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 % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month	2 744 0.27% 0.27% 4 8,966 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%	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 % of hours with corrections % of hours with corrections  Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction * Avg. number of days to correction	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 in the month	2 744 0.27% 0.27% 4 8,966 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% 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% 0.70%	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 Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month 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% 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% 0.70%	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 Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved 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 in the month year-to-date in the month year-to-date in the month	2 744 0.27% 0.27% 4 8,966 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% 0.70%	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 Number of hours % of hours with corrections % of hours with corrections  Mumber of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved  Number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date 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% 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% 0.00 0.89	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%  0.60 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%	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% 1.50 0.74

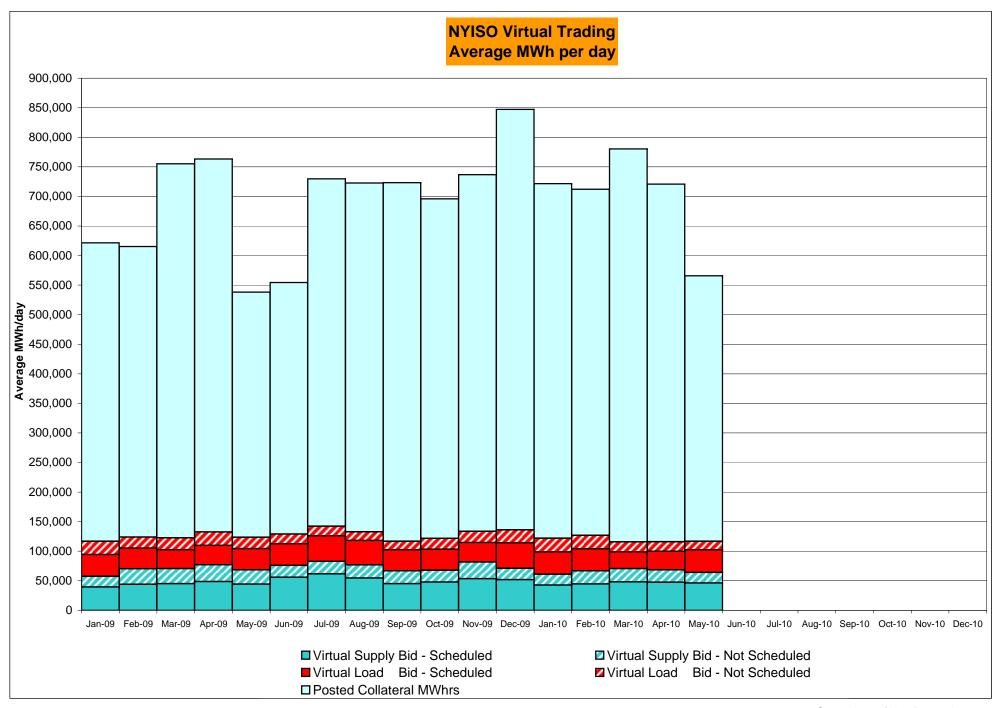
<sup>\*</sup> Calendar days from reservation date.

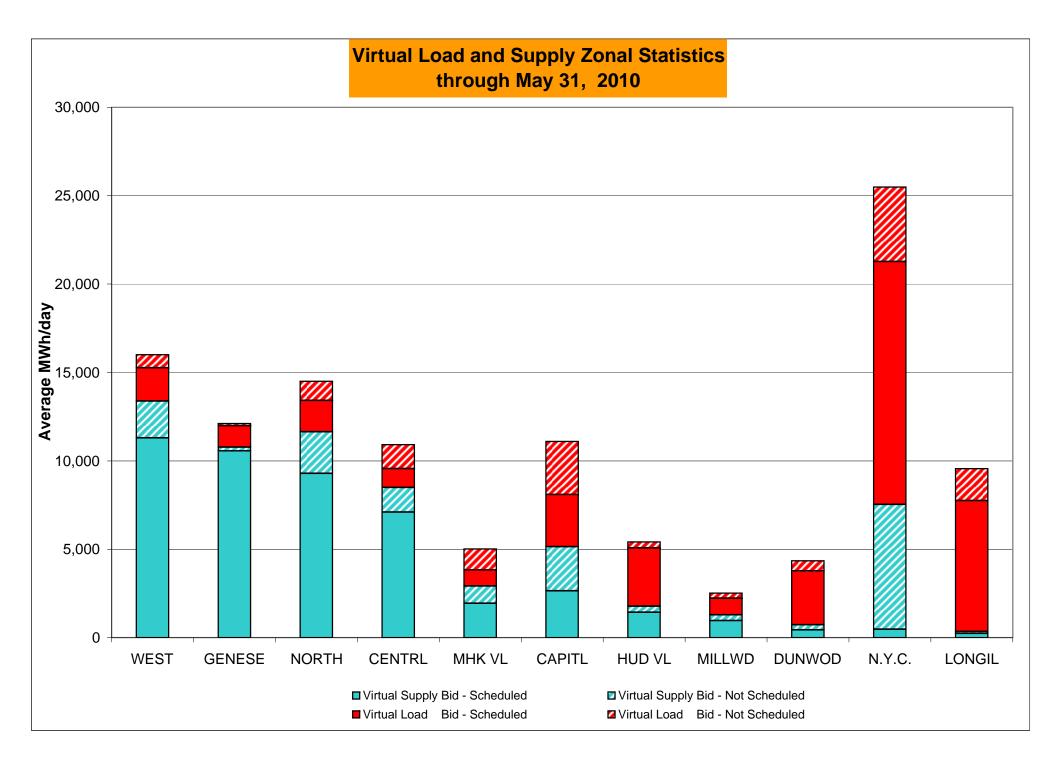
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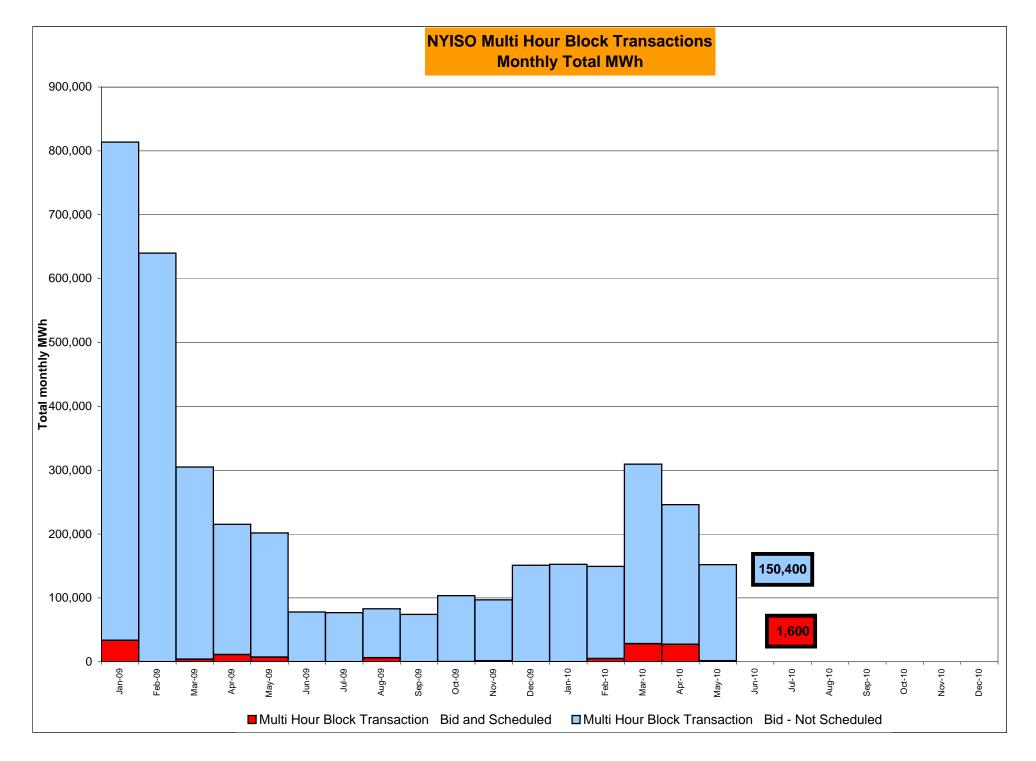


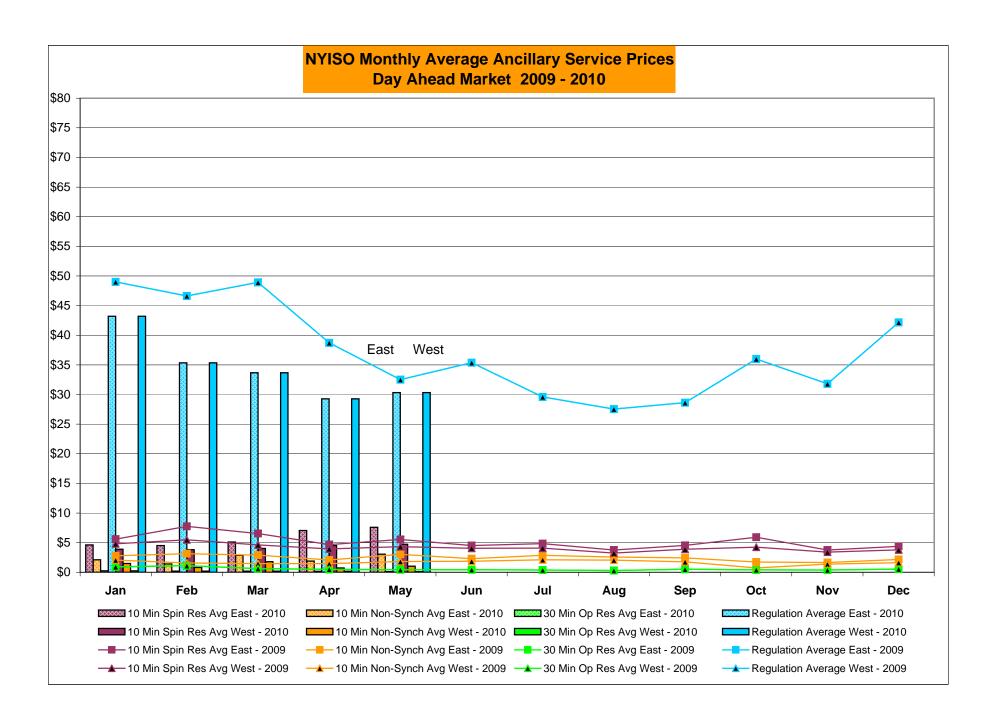
<sup>\*</sup> Calendar days from reservation date.

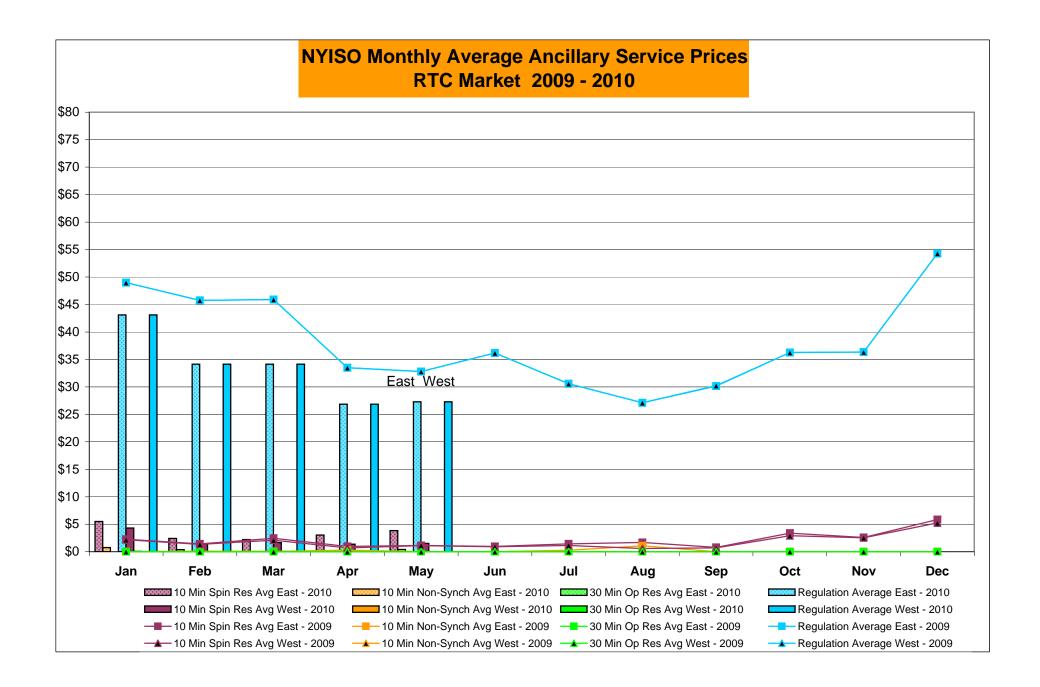


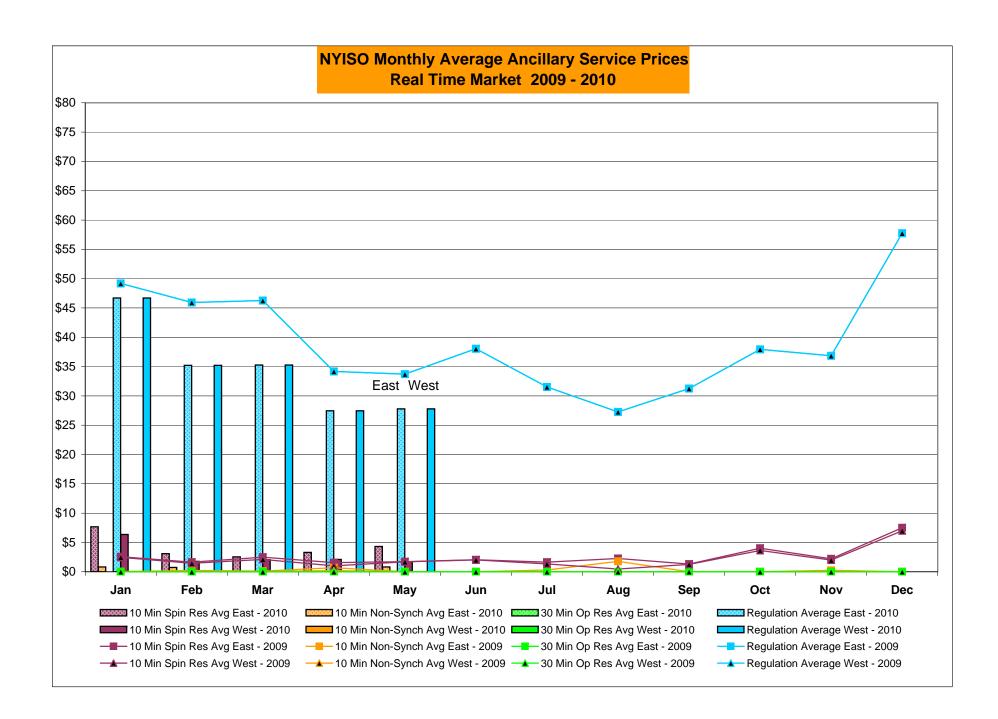


#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2010 **Virtual Supply Bid** Virtual Load Bid Virtual Load Bid Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Not Not Not Not Not Not Scheduled Date Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Zone WEST 2,369 7,053 1,096 MHK VL DUNWOD 1,007 Jan-10 639 Jan-10 566 1,360 1,944 1,812 Jan-10 1,366 715 493 Feb-10 1,782 1,503 5,731 2,602 Feb-10 900 1.327 1,812 1.507 Feb-10 1.229 852 615 Mar-10 1,878 500 7,531 2,586 Mar-10 2,071 1,405 1,835 1,399 Mar-10 778 691 818 372 Apr-10 4,158 430 9,060 1,963 Apr-10 1,389 1,264 2,449 1,195 Apr-10 550 537 680 383 293 May-10 1,877 747 11,295 2,086 May-10 895 1,207 1,941 976 May-10 3,050 580 429 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10 GENESE CAPITL N.Y.C. Jan-10 1,307 507 6,615 438 Jan-10 3,858 3,282 1,918 1,988 Jan-10 9,721 6,433 4,216 7,305 1,880 Feb-10 1.868 599 9.495 497 Feb-10 3.189 3.547 2.918 Feb-10 11.568 5.863 4.477 8.219 9,745 Mar-10 1,081 427 10,627 589 Mar-10 2,368 3,502 3,219 Mar-10 687 7,785 1,815 3,891 Apr-10 2.782 375 8,112 406 Apr-10 2.080 4.197 2.767 Apr-10 8.167 4.195 1.041 7.812 3.213 10,560 216 May-10 1,205 125 May-10 2,950 3,006 2,637 2,513 May-10 13,756 4,206 475 7,048 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10 NORTH HUD VL LONGIL Jan-10 371 910 8,227 1,944 Jan-10 9,362 1,921 2,611 911 Jan-10 7,706 5,282 946 254 Feb-10 946 1,438 9,552 1,793 1,513 Feb-10 3,929 847 591 Feb-10 5,602 1,774 2,178 7,375 Mar-10 1.143 1.259 11.701 2.063 Mar-10 1.631 1.015 3.149 456 Mar-10 6.118 2.380 592 410 10,390 1,220 421 Apr-10 1,425 1,245 2,780 Apr-10 2,073 1,240 4,047 Apr-10 5,689 1,983 527 May-10 1.777 1.082 9.295 2.344 May-10 3.294 344 1.432 338 May-10 7.397 1.823 238 110 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10 CENTRL MILLWD NYISO Jan-10 768 1.670 7.053 1.452 Jan-10 477 492 1.256 492 Jan-10 37.871 23.210 42.846 18.184 1,917 7,543 472 44,679 Feb-10 1,556 1,652 Feb-10 786 549 462 Feb-10 37,163 22,861 22,218 Mar-10 991 1.607 8.467 3.033 Mar-10 397 441 1.052 376 Mar-10 28.200 17,119 48.274 22.288 Apr-10 2,416 1,476 6,155 1,412 Apr-10 508 387 1,147 393 Apr-10 31,237 16,345 47,699 20,857 May-10 1,075 1,349 7,105 1,384 May-10 939 286 337 May-10 38,214 14,754 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10





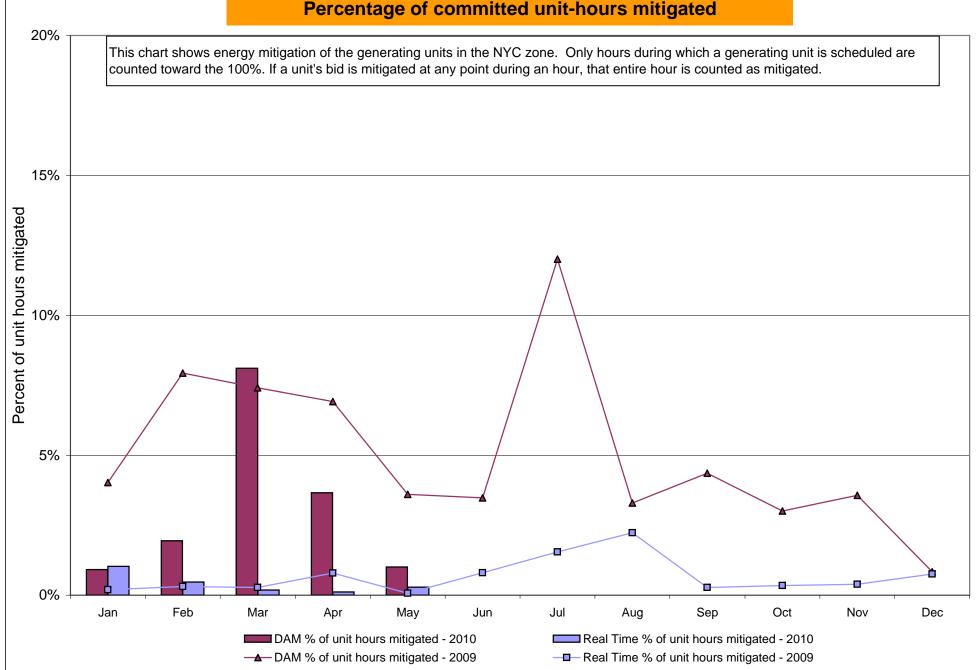


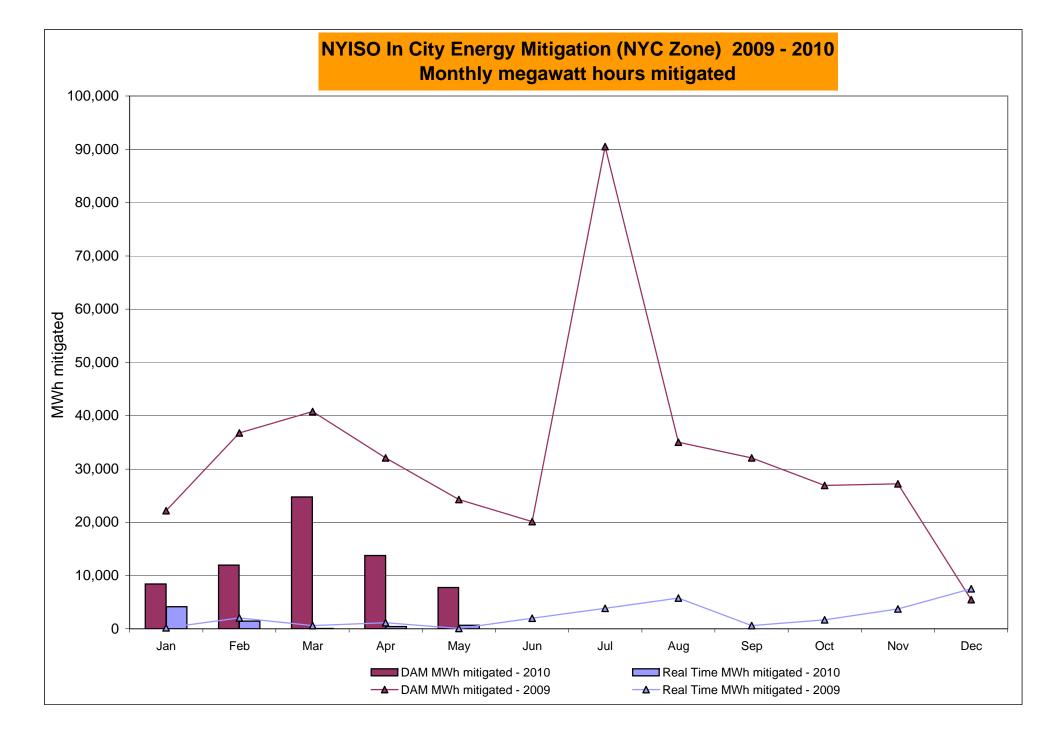


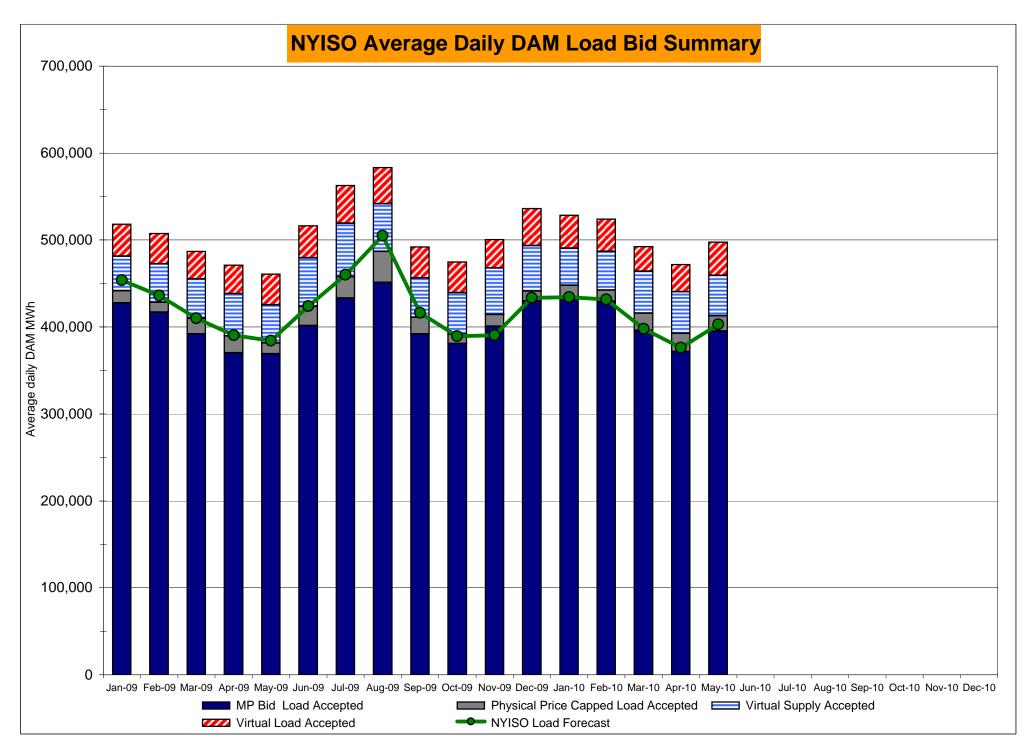
#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

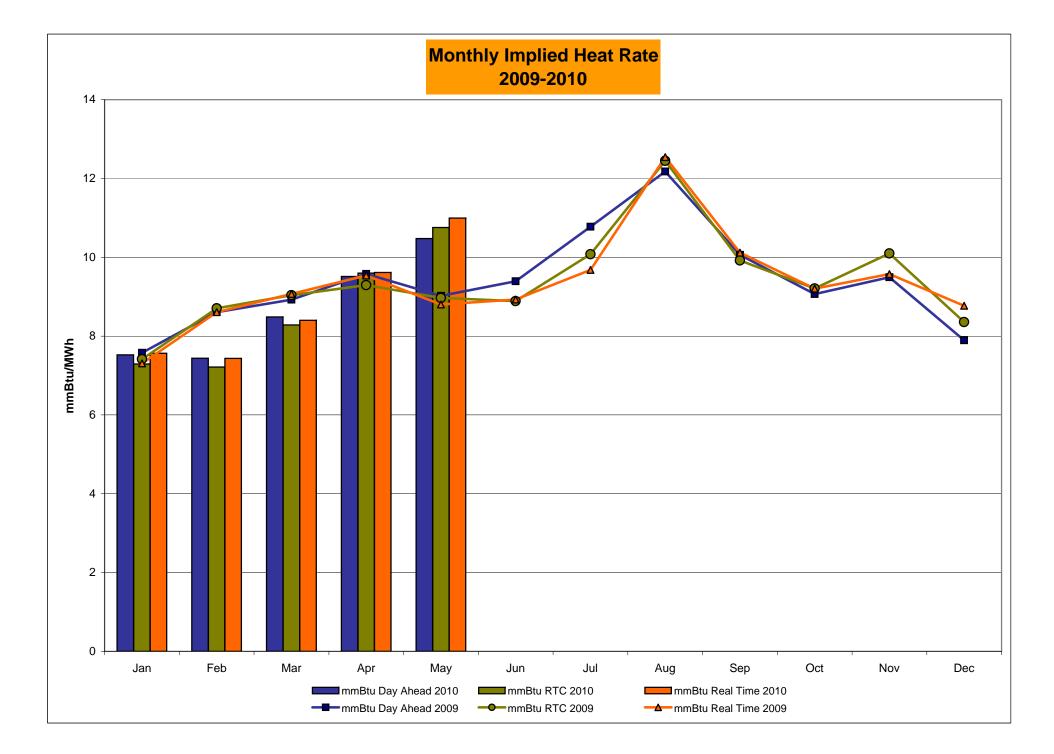
		141100	Mai Noto Ai	ioniary oci	Vioco Otati	Stics - Uliw	cignica i	ICC (W/IVI	<u>****/</u>			
2010	<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market												
10 Min Spin East	4.62	4.51	5.10	7.04	7.59							
10 Min Spin West	3.90	3.80	4.02	4.51	4.73							
10 Min Non Synch East	2.11	1.42	2.85	1.89	3.04							
10 Min Non Synch West	1.49	0.80	1.78	0.74	1.02							
30 Min East	0.24	0.18	0.18	0.16	0.12							
30 Min West	0.24	0.18	0.18	0.16	0.12							
Regulation East	43.21	35.33	33.67	29.28	30.33							
Regulation West	43.21	35.33	33.67	29.28	30.33							
•												
RTC Market	5.40	0.40	0.00	0.00	0.00							
10 Min Spin East	5.49	2.42	2.22	3.03	3.86							
10 Min Spin West	4.32	1.40	1.66	1.38	1.53							
10 Min Non Synch East	0.77	0.37	0.00	0.00	0.39							
10 Min Non Synch West	0.05	0.00	0.00	0.00	0.00							
30 Min East	0.00	0.00	0.00	0.00	0.00							
30 Min West	0.00	0.00	0.00	0.00	0.00							
Regulation East	43.11	34.13	34.13	26.86	27.28							
Regulation West	43.11	34.13	34.13	26.86	27.28							
Real Time Market												
10 Min Spin East	7.67	3.08	2.54	3.31	4.30							
10 Min Spin West	6.37	1.78	2.05	2.09	1.73							
10 Min Non Synch East	0.83	0.74	0.00	0.00	0.81							
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00							
30 Min East	0.00	0.00	0.00	0.00	0.00							
30 Min West	0.00	0.00	0.00	0.00	0.00							
Regulation East	46.71	35.21	35.26	27.47	27.78							
•	46.71	35.21	35.26	27.47	27.78							
Regulation West	40.71	33.21	33.20	21.41	21.10							
2009	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
2009 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
' <del></del> '	<u>January</u> 5.60	February 7.74	<u>March</u> 6.54	<u>April</u> 4.66	<u>May</u> 5.53	<u>June</u> 4.50	<u>July</u> 4.84	<u>August</u> 3.76	September 4.54	October 5.90	November 3.75	December 4.38
Day Ahead Market	-	<del></del>										
Day Ahead Market  10 Min Spin East	5.60	7.74	6.54	4.66	5.53	4.50	4.84	3.76	4.54	5.90	3.75	4.38
Day Ahead Market  10 Min Spin East 10 Min Spin West	5.60 4.81	7.74 5.48	6.54 4.62	4.66 3.94	5.53 4.32	4.50 4.05	4.84 4.08	3.76 3.25	4.54	5.90 4.25	3.75 3.41	4.38 3.78
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East	5.60 4.81 2.77	7.74 5.48 3.13	6.54 4.62 2.88	4.66 3.94 2.09	5.53 4.32 3.03	4.50 4.05 2.31	4.84 4.08 2.86	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
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West	5.60 4.81 2.77 2.05	7.74 5.48 3.13 1.58	6.54 4.62 2.88 1.45	4.66 3.94 2.09 1.46	5.53 4.32 3.03 1.82	4.50 4.05 2.31 1.87	4.84 4.08 2.86 2.11	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
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	5.60 4.81 2.77 2.05 0.92	7.74 5.48 3.13 1.58 1.12	6.54 4.62 2.88 1.45 0.63	4.66 3.94 2.09 1.46 0.50	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	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
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	5.60 4.81 2.77 2.05 0.92 0.92	7.74 5.48 3.13 1.58 1.12 1.12	6.54 4.62 2.88 1.45 0.63 0.63	4.66 3.94 2.09 1.46 0.50 0.50	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	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
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	5.60 4.81 2.77 2.05 0.92 0.92 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71	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	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
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	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	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	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
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	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	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
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	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	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
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 East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30	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	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27	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 3.38 2.90 0.00	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
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 East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10	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	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 0.79 0.71 0.00 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	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00
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 East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00	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	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10	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 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 0.00	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 0.79 0.71 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 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	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	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	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 0.00	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	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	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	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	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	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00	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	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	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
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East	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 48.98	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 0.00 45.76	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	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	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	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	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 30.59	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	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14	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	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	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 54.29
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	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	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 0.00	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	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	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	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	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	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00	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	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	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
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East	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 48.98	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 0.00 45.76	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	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	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	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	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 30.59	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	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14	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	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	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 54.29
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 East Regulation East Regulation West  PTC 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 East	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 48.98	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 0.00 45.76	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	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	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	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	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 30.59	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	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14	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	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	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 54.29
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 East Regulation East Regulation West  RTC 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 East Regulation West Regulation East Regulation West	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 48.98 48.98	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 0.00 45.76 45.76	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	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	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	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 36.17 36.17	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 30.59 30.59	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	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 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	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	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 54.29 54.29
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East Regulation West Regulation West Regulation West	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 48.98 48.98	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 0.00 45.76 45.76	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	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	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	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 36.17 36.17	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 30.59 30.59	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	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 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	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	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 54.29 54.29
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 East Regulation West  PTC Market 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 East Regulation East Regulation East Regulation East Regulation West  Regulation West  Real Time Market 10 Min Spin East 10 Min Spin East	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 48.98 48.98 2.57 2.46 0.03	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 0.00 45.76 45.76	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 2.49 2.09	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	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	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 36.17 36.17	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 30.59 30.59	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 27.12 27.12  2.26 0.48	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 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	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	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 54.29 54.29 7.50 7.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min East 30 Min East Regulation East Regulation West  RTC 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 East 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin East 10 Min Spin East 10 Min Spin East Regulation East Regulation West Real Time Market 10 Min Spin West 10 Min Spin West	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 48.98 48.98	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 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05	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	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 1.73 1.70 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 36.17 36.17	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 30.59 30.59	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 27.12 27.12  2.26 0.48 1.77 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 0.00 30.14 30.23 1.32 1.25 0.00 0.00	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 36.24 36.24 4.01 3.62 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 0.00 0.00 36.34 36.34	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 54.29 54.29 7.50 7.00 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min West Regulation West 10 Min Spin West 10 Min Non Synch East 10 Min West Regulation East Regulation East Regulation West Regulation West Regulation West 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin East	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 48.98 48.98 2.57 2.46 0.03 0.03	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 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00	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	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 1.73 1.70 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 36.17 36.17	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 30.59 30.59 1.65 1.33 0.31 0.00 0.00	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 27.12 27.12  2.26 0.48 1.77 0.00 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 0.00 0.00 30.14 30.23  1.32 1.25 0.00 0.00 0.00 0.00	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 36.24 36.24 4.01 3.62 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 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00	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 54.29 54.29 7.50 7.00 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min East 30 Min East Regulation East Regulation West  RTC 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 Regulation West Regulation East Regulation East Regulation West Regulation West Regulation West Red I'me Market 10 Min Spin West 10 Min Non Synch East 10 Min Synch West 30 Min East 30 Min East	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 48.98 48.98 2.57 2.46 0.03 0.03	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 0.00 45.76 45.76 1.65 1.43 0.22 0.05 0.00 0.00	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00	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 1.55 1.01 0.69 0.19 0.00	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  1.73 1.70 0.00 0.00 0.00 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 36.17 36.17 2.06 2.02 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 30.59 30.59 1.65 1.33 0.31 0.00 0.00	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 27.12 27.12  2.26 0.48 1.77 0.00 0.00 0.00 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 0.00 30.14 30.23  1.32 1.25 0.00 0.00 0.00 0.00 0.00 0.00	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 36.24 36.24 4.01 3.62 0.00 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 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00 0.00	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 54.29 54.29 7.50 7.00 0.
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min West Regulation West 10 Min Spin West 10 Min Non Synch East 10 Min West Regulation East Regulation East Regulation West Regulation West Regulation West 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin East	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 48.98 48.98 2.57 2.46 0.03 0.03	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 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00	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	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 1.73 1.70 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 36.17 36.17	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 30.59 30.59 1.65 1.33 0.31 0.00 0.00	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 27.12 27.12  2.26 0.48 1.77 0.00 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 0.00 0.00 30.14 30.23  1.32 1.25 0.00 0.00 0.00 0.00	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 36.24 36.24 4.01 3.62 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 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00	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 54.29 54.29 7.50 7.00 0.00 0.00 0.00 0.00 0.00

#### NYISO In City Energy Mitigation - AMP (NYC Zone) 2009 - 2010 Percentage of committed unit-hours mitigated

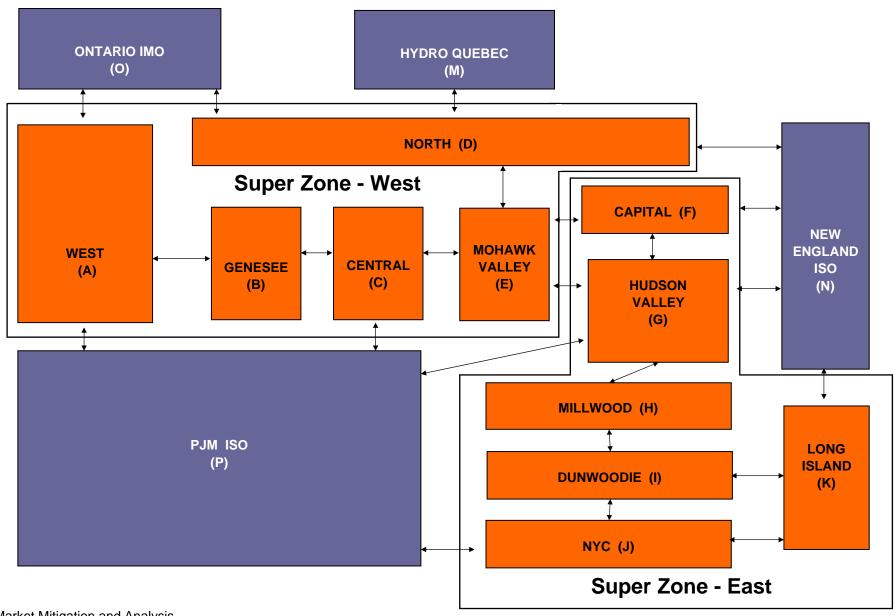








# NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 6/7/2010 3:02 PM

### **Billing Codes for Chart 4-C**

Chart 4-C Category Name	<b>Billing Code</b>	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









## May 2010 Report

## Operations & Reliability Department New York Independent System Operator



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  - Operations Performance

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- Major Emergency State Declarations
- IROL Exceedance Times
- Balancing Area Control Performance
- Reserve Activations
- Disturbance Recovery Times
- Load Forecasting Performance
- Wind Forecasting Performance
- Lake Erie Circulation and ISO Schedules

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- RTM Congestion Residuals Monthly Trend
- RTM Congestion Residuals Daily Costs
- RTM Congestion Residuals Event Summary
- RTM Congestion Residuals Cost Categories
- DAM Congestion Residuals Monthly Trend
- DAM Congestion Residuals Daily Costs
- DAM Congestion Residuals Cost Categories

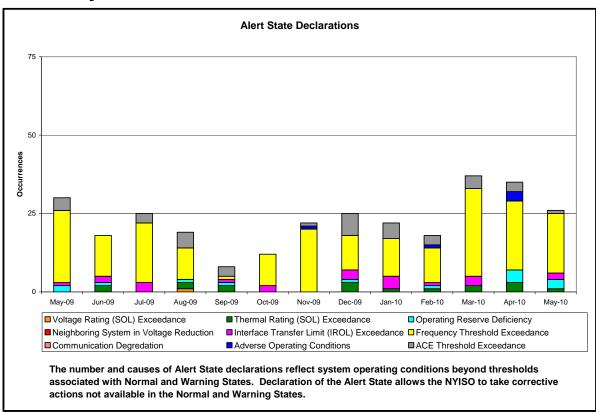


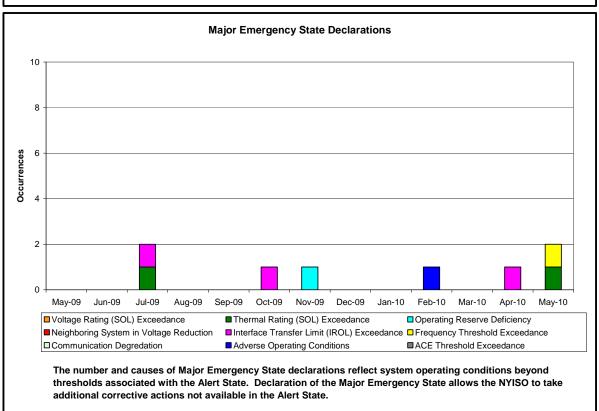
## **May 2010 Operations Performance Highlights**

- DAM Lake Erie Circulation Model Change On/Off Peak values, effective May 19
- Summer transmission line and operating capacity ratings effective May 1
- Central East Voltage Collapse limits and device outage conditions are posted on OASIS
- Beck-Niagara outages are scheduled for Fall 2010, three week duration expected to begin in November
- Frequency meter issues affect CPS-1
- Wind forecasting metrics included
- DAM Congestion Settlement report included

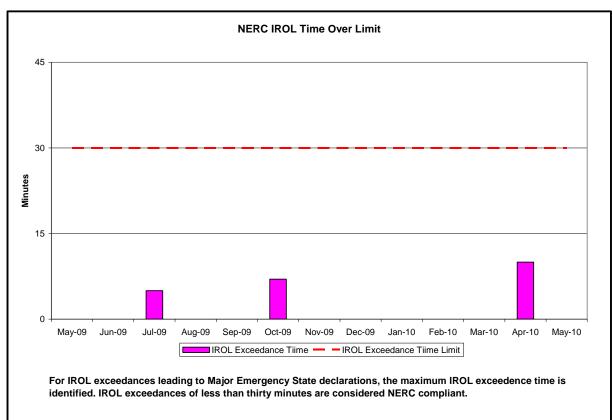


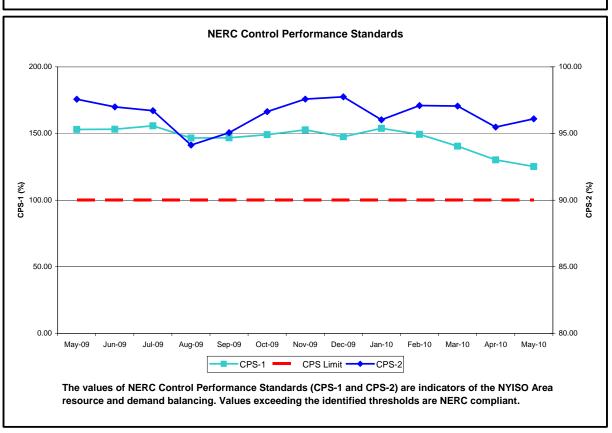
## **Reliability Performance Metrics**



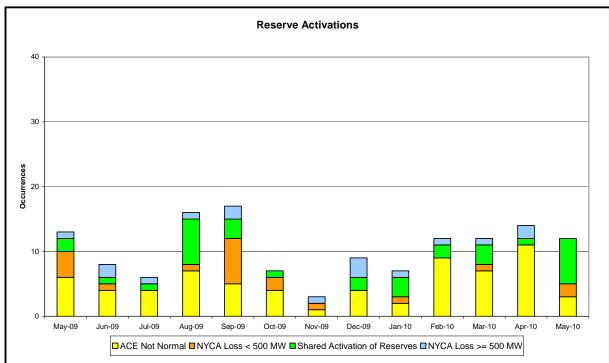




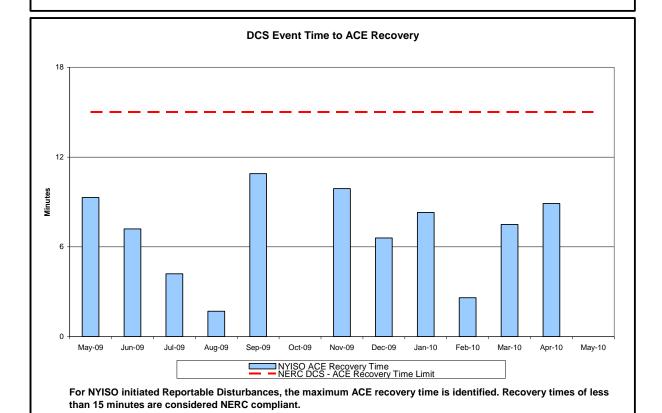




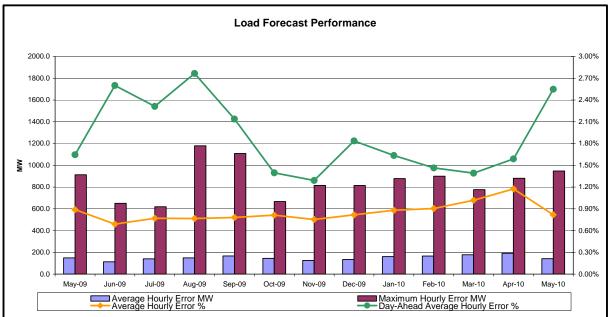




NYISO Reserve Activations are indicators of the need to respond to unexpected operational conditions within the NYISO Area or to assist a neighboring Area (Shared Activation of Reserves) by activating an immediate resource and demand balancing operation.



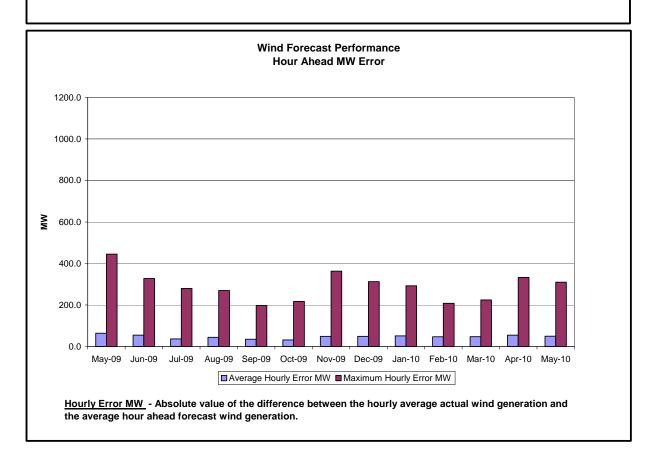




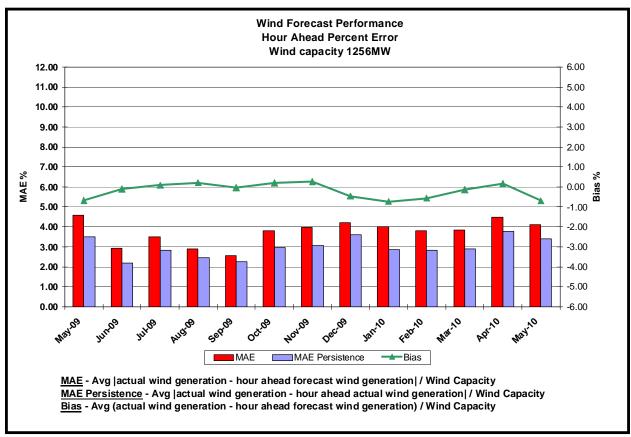
<u>Hourly Error MW</u> - Absolute value of the difference between the hourly average actual load demand and the average hour ahead forecast load demand.

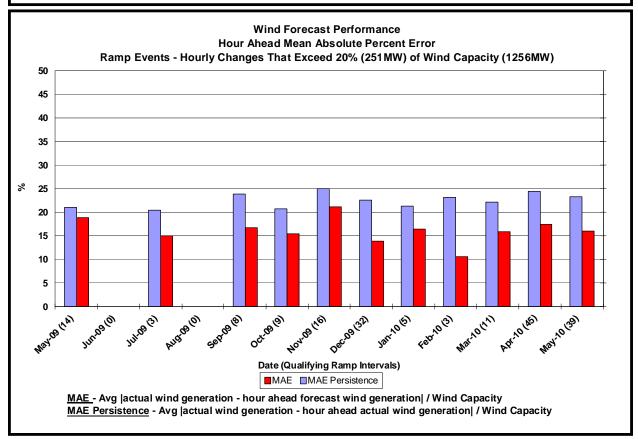
<u>Average Hourly Error %</u> - Average value of the ratio of hourly average error magnitude to hourly average actual load demand.

<u>Day-Ahead Average Hourly Error %</u> - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

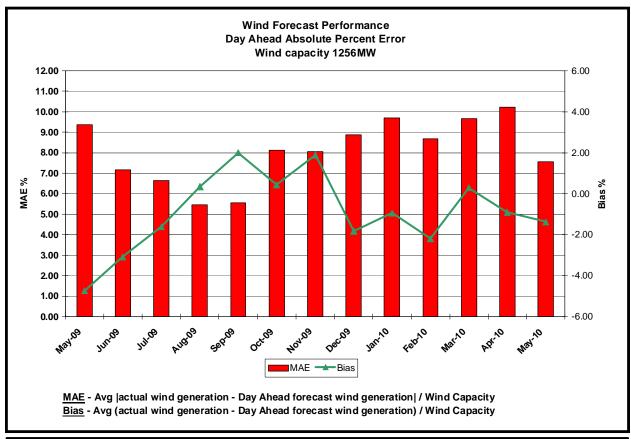


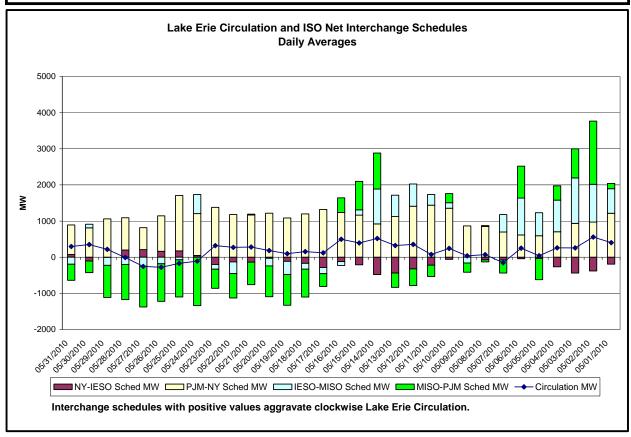






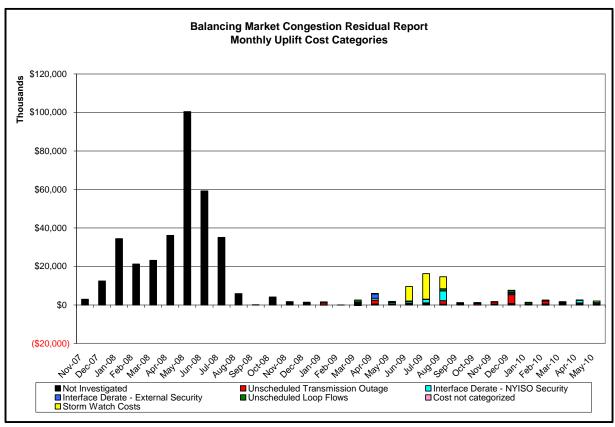


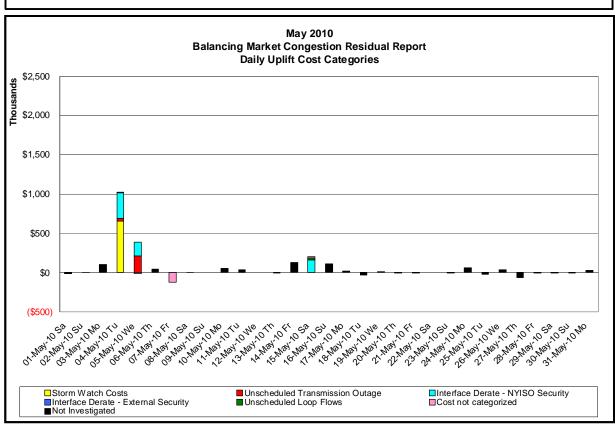






#### **Market Performance Metrics**







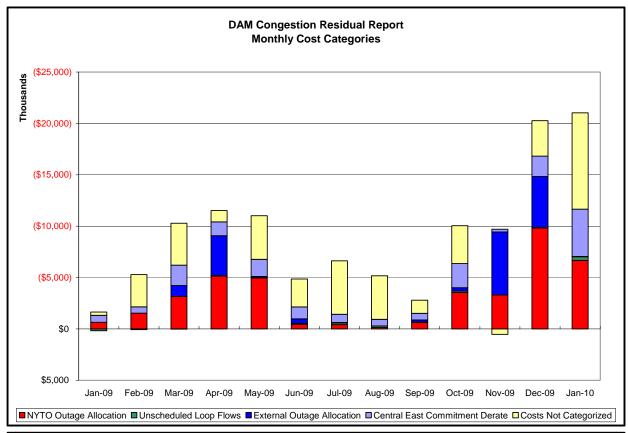
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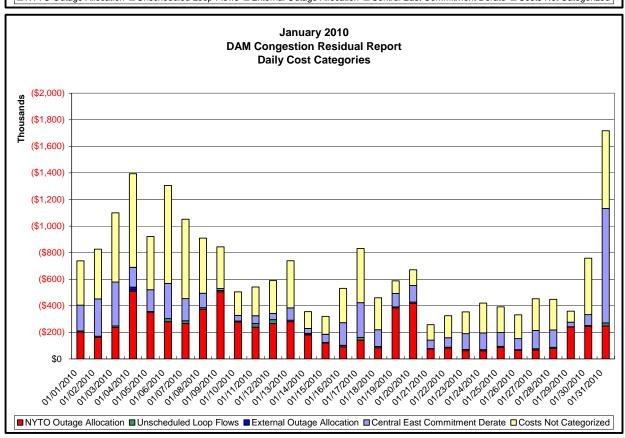
Event	Date (yyyymm	Hours	Description
	5/4/2010	14-19	Thunder Storm Alert
	5/4/2010	19	Extended Outage of Eastview-Millwood-Sprainbrook 345kV (#W82,W65)
	5/4/2010		Extended Outage Fraser-Gilboa 345kV (#GFS-35)
	5/4/2010		Derate on Central East
	5/4/2010		Derate on Dunwoodie-Shore Road 345kV (#Y50)
	5/4/2010		Derate on East Garden City 345/138 kV Bk 2 for I/o Dunwoodie-Shore road 345kV (#Y50)
	5/4/2010		Derate on Vernon/Greenwood, Rainey-Vernon 138kV (#36312) for I/o Rainey-Vernon 138kV (#36311)
	5/4/2010		Derate on Millwood-Eastview 345kV (#W85) for I/o TWR TWR:W64,W79,W93,W99
	5/5/2010		Forced Outage of Linden-Goethals 345kV (#A2253)
	5/5/2010	12, 14-17	Extended Outage of Eastview-Millwood-Sprainbrook 345kV (#W82,W65)
	5/5/2010	20	NYCA DNI Ramp Limit
	5/5/2010		Derate on Dunwoodie-Shore Road 345kV (#Y50)
	5/5/2010	18	Derate on Dunwoodie-Shore Road 345kV (#Y50) for I/o Neptune HVDC Tie Line
	5/5/2010		Derate on East Garden City 345/138 kV Bk 2 for I/o Dunwoodie-Shore road 345kV (#Y50)
	5/5/2010	17-19	Derate on Vernon/Greenwood, Vernon-Greenwood 138kV (#31232) for SCB GOETHALS 8
		3, 4, 7, 9-12, 15,	
	5/15/2010	16 18, 19, 22	Derate on Central East
	5/15/2010	15-16	Derate on Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
	5/15/2010	22	Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East

Real-Time Balancing Market Congestion Residual (Uplift Cost) Categories						
<u>Category</u>	Cost Assignment		Event Examples			
Storm Watch	Zone J	Thunderstorm Alert (TSA)	TSA Activations			
Unscheduled Transmission Outage	Market-wide	Reduction in DAM to RTM transfers	Forced Line Outage,			
		related to unscheduled transmission	Unit AVR Outages			
		outage				
Interfere Devete NVIOC Constitut	Manhatasida	Padveties is DAM to DTM townston	Interface Departure deserts			
Interface Derate - NYISO Security	Market-wide	Reduction in DAM to RTM transfers not related to transmission outage	Interface Derates due to RTM voltages			
		not related to transmission datage	Trim Voltagoo			
Interface Derate - External Security	Market-wide	Reduction in DAM to RTM transfers	TLR Events,			
		related to External Control Area	External Transaction			
		Security Events	Curtailments			
Unachadulad Laan Flaura	Market-wide	Champan in DAM to DTM	DAM to RTM Clockwise			
Unscheduled Loop Flows	warket-wide	Changes in DAM to RTM unscheduled loop flows impacting	Lake Erie Loop Flows			
		NYISO Interface transmission	greater than 300MW			
		constraints	<del>-</del>			
Monthly Balancing Market Congestion Report Assumptions/Notes						

- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) At a minimum those days with \$ 100 K/HR, shortfall of \$200 K/Day or more, or surplus of \$100 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** Events Types **Event Examples** Category Cost Assignment Direct allocation to NYTO's NYTO Outage Allocation Responsible TO DAM scheduled outage for responsible for transmission equipment modeled inservice for the TCC Auction. equipment status change. Unscheduled Loop Flows All TO by Residual impact of Lake Erie Lake Erie Loop Flow circulation, MW difference between Montlhy **Assumptions** the DAM and TCC Auction. **Allocation Factor External Outage Allocation** All TO by Direct allocation to transmission Tie line placed out-of-Montlhy equipment status change caused by service by TO of Allocation Factor change in status of external neighboring control area. equipment. **Central East Commitment Derate** All TO by **Reductions in the DAM Central** Montlhy East\_VC limit as compare to the TCC **Allocation Factor** Auction limit, which are not

associated with transmission line