

# **NYISO CEO/COO Report**

# Management Committee Meeting September 29, 2010

Agenda #3

# **Report Items**

# **COO Report**

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

# Market Performance Highlights for August 2010

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

#### Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2009 Annual Average \$48.68/MWh August 2009 YTD Average \$50.57/MWh August 2010 YTD Average \$61.27/MWh \$240 \$220 \$200 \$180 \$160 \$140 \$120 \$100 \$80 \$60 \$40 \$20 \$0 1/29 3/26 4/23 2/26 5/21 7/2 2/30 8/27 10/8 10/22 11/5 12/3 7 2/1 6/4 **-**2009 2010

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

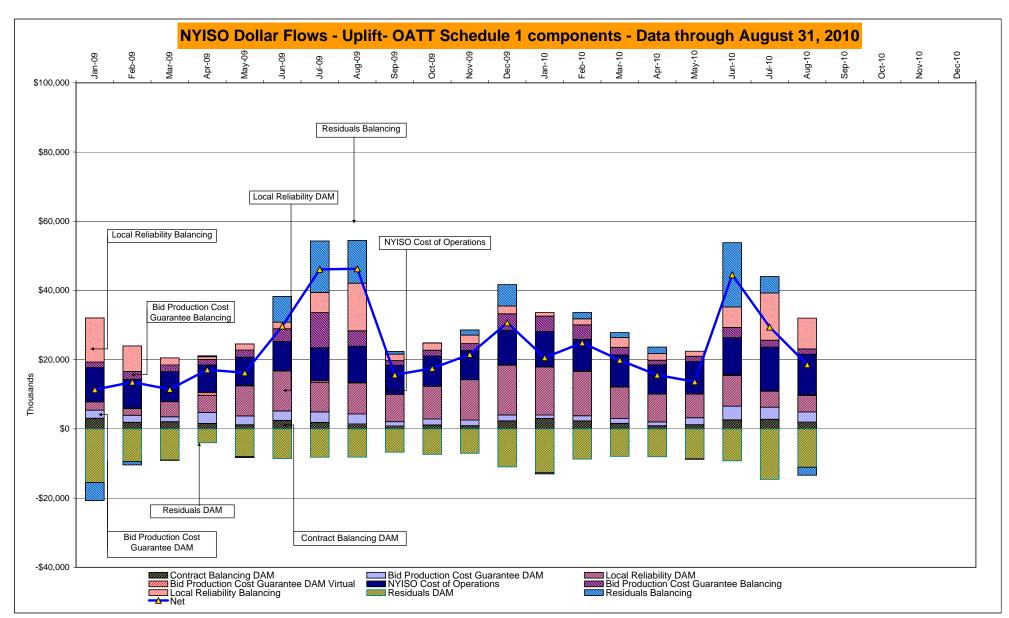
# NYISO Average Cost/MWh (Energy and Ancillary Services)\* from the LBMP Customer point of view

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	January 63.90 0.70 0.19 0.44 0.71 0.73 - 0.53 0.20 0.44 67.11	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	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	June 59.09 1.46 0.14 0.31 0.71 2.31 0.69 0.76 0.86 0.44	July 74.85 0.95 0.21 0.32 0.71 0.97 0.29 0.60 0.08 0.44 78.45	August 64.99 0.60 0.18 0.35 0.71 0.42 0.02 0.31 0.09 0.44 67.69	September	October	November	December
Avg YTD Cost	67.11	62.05	56.30	53.63	53.28	55.47	60.12	61.27				
2009	<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
LBMP	73.30	52.75	45.64	39.66	37.83	39.01	40.68	43.65	31.74	39.74	37.87	55.64
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	2.74	0.62	0.70	1.07	1.43
Uplift: TSA Share		-	0.00	0.02	0.02	0.45	0.75	0.47	-		-	-
Uplift: Local Reliability Share	0.15	0.28	0.12	0.22	0.41	0.78	0.83	1.35	0.39	0.46	0.70	0.78
Uplift: Other Share	(0.04)	0.13	0.09	0.43	0.20	0.48	1.08	0.92	0.23	0.24	0.37	0.65
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	34.54	42.81	41.35	59.48
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	48.68

These numbers reflect the true-ups thru May 2010.

Market Mitigation and Analysis Prepared: 9/8/2010 10:05 AM

<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-Ahead schedule, as a result of out-of-merit dispatches.

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

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

#### **NYISO Markets Transactions**

<u>2010</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	14,034,781	12,593,305	12,922,930	11,769,468	12,795,110	14,263,543	16,608,041	15,536,711				
DAM LSE Internal LBMP Energy Sales	49%	46%	47%	53%	47%	49%	53%	51%				
DAM External TC LBMP Energy Sales	2%	3%	1%	1%	1%	2%	3%	2%				
DAM Bilateral - Internal Bilaterals	41%	43%	43%	39%	44%	42%	38%	40%				
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	6%	5%	5%	4%	5%	5%	4%	4%				
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	2%	2%	1%	1%	1%				
DAM Bilateral - Wheel Through Bilaterals	2%	1%	1%	1%	1%	1%	1%	1%				
Balancing Energy Market MWh	377,242	280,238	21,148	637	341,742	735,521	1,162,690	899,978				
Balancing Energy LSE Internal LBMP Energy Sales	40%	53%	-427%	-14017%	61%	87%	94%	75%				
Balancing Energy External TC LBMP Energy Sales	56%	50%	593%	17099%	44%	11%	9%	26%				
Balancing Energy Bilateral - Internal Bilaterals	10%	7%	191%	6847%	7%	10%	3%	4%				
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	2%	35%	1%	0%	0%	0%				
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%	117%	3606%	6%	3%	1%	2%				
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%	-376%	-13470%	-19%	-10%	-7%	-7%				
Transactions Summary												
LBMP	52%	50%	49%	54%	50%	54%	59%	56%				
Internal Bilaterals	40%	43%	43%	39%	43%	40%	36%	38%				
Import Bilaterals	5%	5%	5%	4%	5%	5%	4%	4%				
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%				
Wheels Through	1%	1%	1%	1%	0%	0%	0%	0%				
Market Share of Total Load	.,,	.,-	.,.	.,,			• , •	• , •				
Day Ahead Market	97.4%	97.8%	99.8%	100.0%	97.4%	95.1%	93.5%	94.5%				
Balancing Energy +	2.6%	2.2%	0.2%	0.0%	2.6%	4.9%	6.5%	5.5%				
Total MWH	14,412,023	12,873,543	12,944,078		13,136,851	14,999,065		16,436,689				
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514				
2009	January	February	March	April	May	June	July.	August	September	October	November	December
2009 Day Ahoad Market MWh	<u>January</u>	February	March	<u>April</u> 12 121 505	May	June 13 159 069	<u>July</u> 14 549 784	August 15 547 976	September	October	November	<u>December</u>
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%	12,385,591 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 - 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% 431,981 49%
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	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141%	14,549,784 51% 1% 42% 5% 1% 1% 131,797 -99% 140%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53%	12,446,286 47% 2% 444% 5% 2% 1% -165,015 -124% 55%	14,046,621 46% 3% 43% 5% 1% 1% 431,981 49% 46%
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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 - Internal Bilaterals  DAM Bilateral - Export/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% 18 131,797 -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% 431,981 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 - 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	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% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 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% 431,981 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	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% 1-115,653 -247% 141% 23% 2% 8% -27%	14,549,784 51% 12% 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% 431,981 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% 51% 43%	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% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% 1-15,653 -247% 23% 23% 247% 49% 49% 44%	14,549,784 51% 42% 5% 1% 14% 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% 431,981 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% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 46% 47% 5%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5%	14,549,784 51% 12% 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% 431,981 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  Balancing Energy Bilateral - Wheel Through Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Export Bilaterals  Import Bilaterals  Export Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 0% 1% -2% 51% 43% 4% 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% 46% 47% 5% 2%	13,159,069 48% 2% 43% 5% 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%	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% -8%	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% 431,981 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  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% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 46% 47% 5%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5%	14,549,784 51% 12% 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% 431,981 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  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% 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% 18 42% 5% 18 18 131,797 99% 140% 53% 0% 12% -6% 51% 42% 5% 1%	15,547,976 53% 1% 40% 5% 1% 1% 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% 431,981 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% 1% 18 131,797 -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 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% 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% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 431,981 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1% 97.0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Export/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  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% 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% 1% 100 100 100 100 100	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% 996 -16% 42% 42% 44% 2% 1% 98.1% 1.9%	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% 431,981 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% 14% 5% 14% 5% 14% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1% 1% 100 100 100 100 100	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 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% 431,981 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1% 97.0%

<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.

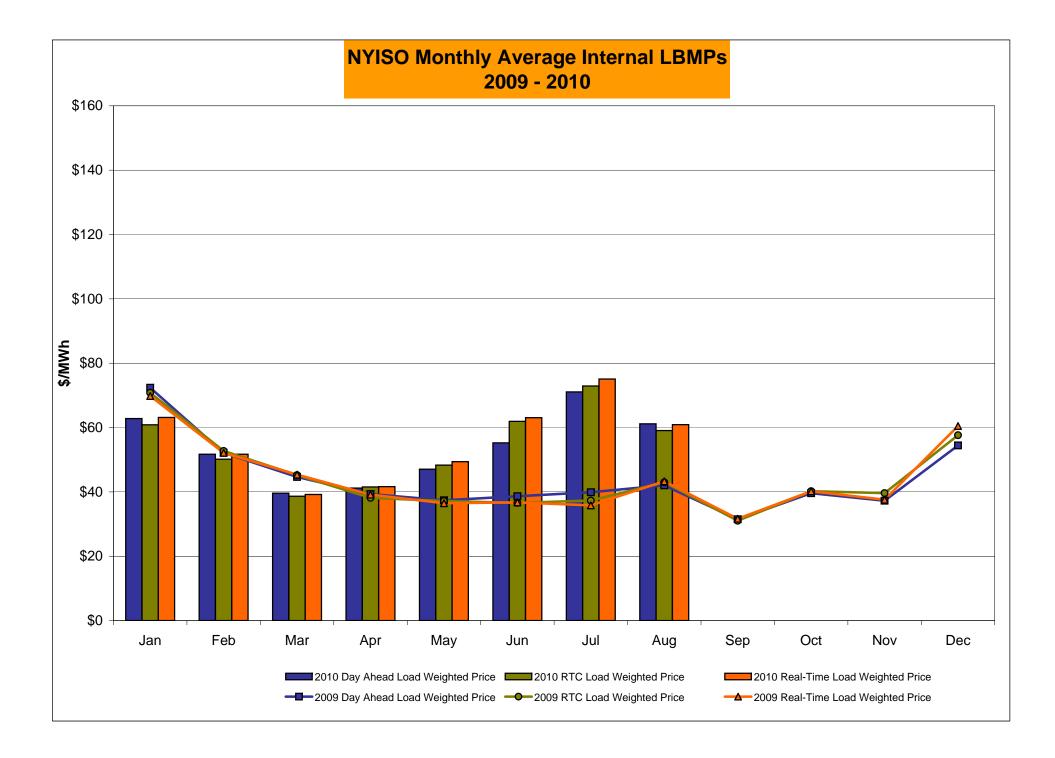
<sup>\*</sup> The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

#### NYISO Markets 2010 Energy Statistics

DAY ALEAD I DMD	<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>
<u>DAY AHEAD LBMP</u> Price *	\$60.96	\$50.47	\$38.69	\$40.13	\$45.29	\$52.71	\$66.67	\$57.80				
Standard Deviation	\$20.86	\$13.07	\$7.78	\$8.09	\$11.45	\$16.14	\$28.01	\$21.60				
Load Weighted Price **	\$62.80	\$51.71	\$39.60	\$41.18	\$47.04	\$55.22	\$71.08	\$61.16				
RTC LBMP												
Price *	\$59.32	\$49.38	\$37.94	\$40.58	\$46.70	\$58.69	\$68.36	\$55.78				
Standard Deviation	\$33.92	\$24.97	\$14.48	\$13.84	\$21.47	\$58.47	\$51.68	\$48.01				
Load Weighted Price **	\$60.85	\$50.16	\$38.64	\$41.54	\$48.31	\$61.91	\$72.92	\$59.07				
REAL TIME LBMP												
Price *	\$60.40	\$50.45	\$38.09	\$40.49	\$47.17	\$58.49	\$69.42	\$56.28				
Standard Deviation	\$42.06	\$30.38	\$19.24	\$17.00	\$28.15	\$56.05	\$56.60	\$41.46				
Load Weighted Price **	\$63.13	\$51.69	\$39.19	\$41.62	\$49.38	\$63.06	\$75.08	\$60.89				
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514				
				NVICO	Maulcata	2000 5	C4-41	-41				
				NYISO	Markets	2009 Ene	rgy Stati	stics				
	<u>January</u>	<u>February</u>	<u>March</u>	NYISO April	Markets May	2009 Ene	rgy Stati		<u>September</u>	October	November	<u>December</u>
DAY AHEAD LBMP	<u> </u>			<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	•			
Price *	\$70.53	\$50.89	\$43.34	<u>April</u> \$38.19	<u>May</u> \$36.13	<u>June</u> \$37.01	<u>July</u> \$37.93	<u>August</u> \$39.80	\$30.27	\$38.35	\$36.20	\$52.90
Price * Standard Deviation	\$70.53 \$19.46	\$50.89 \$13.06	\$43.34 \$12.24	April \$38.19 \$9.26	May \$36.13 \$8.91	<u>June</u> \$37.01 \$10.07	July \$37.93 \$11.53	August \$39.80 \$13.37	\$30.27 \$8.77	\$38.35 \$11.41	\$36.20 \$8.92	\$52.90 \$15.12
Price *	\$70.53	\$50.89	\$43.34	<u>April</u> \$38.19	<u>May</u> \$36.13	<u>June</u> \$37.01	<u>July</u> \$37.93	<u>August</u> \$39.80	\$30.27	\$38.35	\$36.20	\$52.90
Price * Standard Deviation	\$70.53 \$19.46	\$50.89 \$13.06	\$43.34 \$12.24	April \$38.19 \$9.26	May \$36.13 \$8.91	<u>June</u> \$37.01 \$10.07	July \$37.93 \$11.53	August \$39.80 \$13.37	\$30.27 \$8.77	\$38.35 \$11.41	\$36.20 \$8.92	\$52.90 \$15.12
Price * Standard Deviation Load Weighted Price **	\$70.53 \$19.46	\$50.89 \$13.06	\$43.34 \$12.24	April \$38.19 \$9.26	May \$36.13 \$8.91	<u>June</u> \$37.01 \$10.07	July \$37.93 \$11.53	August \$39.80 \$13.37	\$30.27 \$8.77	\$38.35 \$11.41	\$36.20 \$8.92	\$52.90 \$15.12
Price * Standard Deviation Load Weighted Price **  RTC LBMP	\$70.53 \$19.46 \$72.36	\$50.89 \$13.06 \$52.15	\$43.34 \$12.24 \$44.64	\$38.19 \$9.26 \$39.31	May \$36.13 \$8.91 \$37.38	37.01 \$10.07 \$38.64	July \$37.93 \$11.53 \$39.88	August \$39.80 \$13.37 \$42.03	\$30.27 \$8.77 \$31.48	\$38.35 \$11.41 \$39.59	\$36.20 \$8.92 \$37.25	\$52.90 \$15.12 \$54.44
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price *	\$70.53 \$19.46 \$72.36	\$50.89 \$13.06 \$52.15	\$43.34 \$12.24 \$44.64 \$43.88	\$38.19 \$9.26 \$39.31	May \$36.13 \$8.91 \$37.38	37.01 \$10.07 \$38.64 \$35.15	July \$37.93 \$11.53 \$39.88	August \$39.80 \$13.37 \$42.03	\$30.27 \$8.77 \$31.48	\$38.35 \$11.41 \$39.59 \$38.87	\$36.20 \$8.92 \$37.25	\$52.90 \$15.12 \$54.44 \$56.09
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation Load Weighted Price **	\$70.53 \$19.46 \$72.36 \$69.26 \$23.37	\$50.89 \$13.06 \$52.15 \$51.46 \$21.26	\$43.34 \$12.24 \$44.64 \$43.88 \$20.38	\$38.19 \$9.26 \$39.31 \$37.06 \$15.20	May \$36.13 \$8.91 \$37.38 \$36.18 \$12.48	\$37.01 \$10.07 \$38.64 \$35.15 \$20.07	July \$37.93 \$11.53 \$39.88 \$35.97 \$17.38	\$39.80 \$13.37 \$42.03 \$40.81 \$23.89	\$30.27 \$8.77 \$31.48 \$30.04 \$12.77	\$38.35 \$11.41 \$39.59 \$38.87 \$24.97	\$36.20 \$8.92 \$37.25 \$38.70 \$18.60	\$52.90 \$15.12 \$54.44 \$56.09 \$35.17
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation	\$70.53 \$19.46 \$72.36 \$69.26 \$23.37	\$50.89 \$13.06 \$52.15 \$51.46 \$21.26 \$52.72	\$43.34 \$12.24 \$44.64 \$43.88 \$20.38 \$45.21	\$38.19 \$9.26 \$39.31 \$37.06 \$15.20	May \$36.13 \$8.91 \$37.38 \$36.18 \$12.48 \$37.16	\$37.01 \$10.07 \$38.64 \$35.15 \$20.07 \$36.57	\$37.93 \$11.53 \$39.88 \$35.97 \$17.38 \$37.29	\$39.80 \$13.37 \$42.03 \$40.81 \$23.89 \$42.97	\$30.27 \$8.77 \$31.48 \$30.04 \$12.77 \$31.04	\$38.35 \$11.41 \$39.59 \$38.87 \$24.97 \$40.22	\$36.20 \$8.92 \$37.25 \$38.70 \$18.60 \$39.62	\$52.90 \$15.12 \$54.44 \$56.09 \$35.17 \$57.62
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation Load Weighted Price **  REAL TIME LBMP	\$70.53 \$19.46 \$72.36 \$69.26 \$23.37 \$70.80	\$50.89 \$13.06 \$52.15 \$51.46 \$21.26 \$52.72	\$43.34 \$12.24 \$44.64 \$43.88 \$20.38 \$45.21	\$38.19 \$9.26 \$39.31 \$37.06 \$15.20 \$38.14	May \$36.13 \$8.91 \$37.38 \$36.18 \$12.48 \$37.16	\$37.01 \$10.07 \$38.64 \$35.15 \$20.07 \$36.57	\$37.93 \$11.53 \$39.88 \$35.97 \$17.38 \$37.29	\$39.80 \$13.37 \$42.03 \$40.81 \$23.89 \$42.97	\$30.27 \$8.77 \$31.48 \$30.04 \$12.77 \$31.04	\$38.35 \$11.41 \$39.59 \$38.87 \$24.97 \$40.22	\$36.20 \$8.92 \$37.25 \$38.70 \$18.60 \$39.62	\$52.90 \$15.12 \$54.44 \$56.09 \$35.17 \$57.62
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation Load Weighted Price **  REAL TIME LBMP Price *	\$70.53 \$19.46 \$72.36 \$69.26 \$23.37 \$70.80	\$50.89 \$13.06 \$52.15 \$51.46 \$21.26 \$52.72	\$43.34 \$12.24 \$44.64 \$43.88 \$20.38 \$45.21	\$38.19 \$9.26 \$39.31 \$37.06 \$15.20 \$38.14	May \$36.13 \$8.91 \$37.38 \$36.18 \$12.48 \$37.16	\$37.01 \$10.07 \$38.64 \$35.15 \$20.07 \$36.57	\$37.93 \$11.53 \$39.88 \$35.97 \$17.38 \$37.29	\$39.80 \$13.37 \$42.03 \$40.81 \$23.89 \$42.97	\$30.27 \$8.77 \$31.48 \$30.04 \$12.77 \$31.04	\$38.35 \$11.41 \$39.59 \$38.87 \$24.97 \$40.22	\$36.20 \$8.92 \$37.25 \$38.70 \$18.60 \$39.62	\$52.90 \$15.12 \$54.44 \$56.09 \$35.17 \$57.62

Average Daily Energy Sendout/Month GWh

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

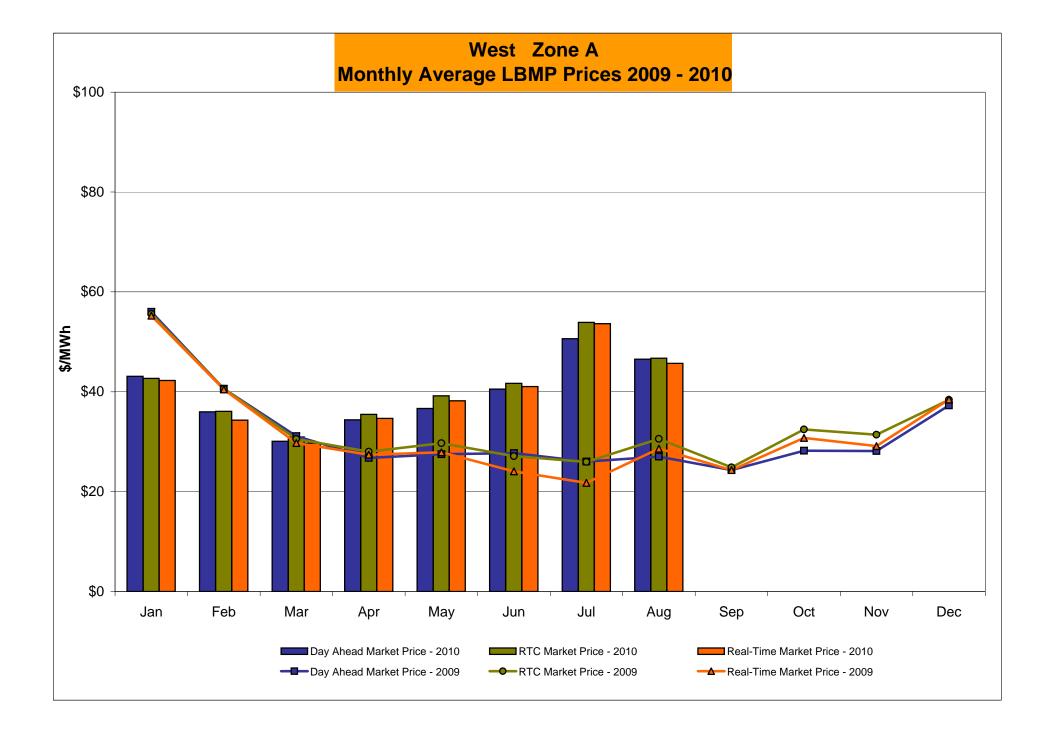


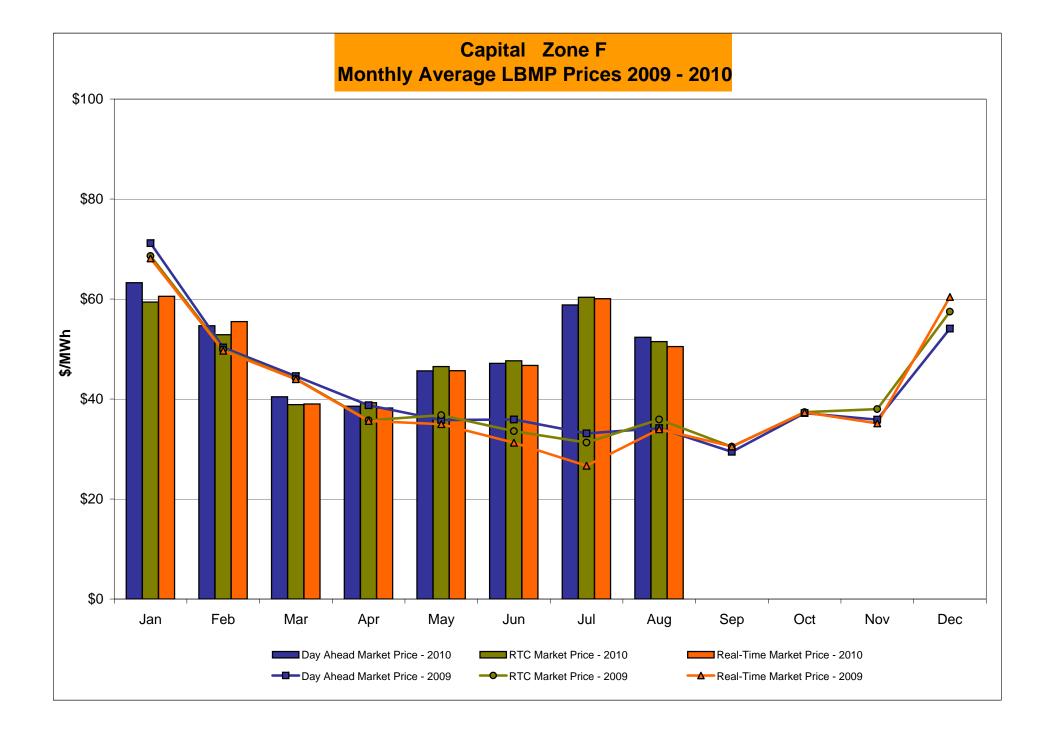
#### August 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

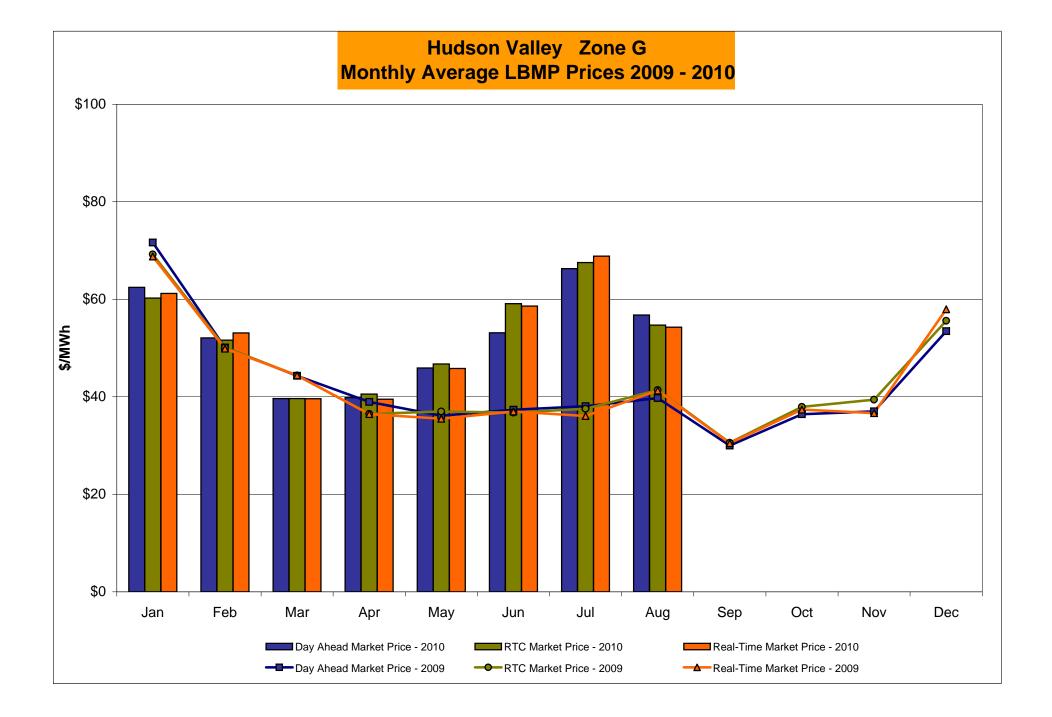
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP	·			<u></u> -	·	<u> </u>			· <u></u>	<u></u>	
Unweighted Price *	46.52	48.63	48.36	49.28	51.33	52.34	56.78	57.62	57.78	62.47	67.32
Standard Deviation	12.42	13.41	12.17	13.71	14.60	15.18	22.22	24.55	24.73	25.08	33.62
RTC LBMP											
Unweighted Price *	46.73	48.49	48.14	49.03	50.73	51.50	54.72	55.20	55.36	57.76	67.62
Standard Deviation	28.42	30.27	29.23	30.89	33.29	34.22	51.82	56.93	57.37	56.94	70.45
REAL TIME LBMP											
Unweighted Price *	45.70	47.43	47.12	47.91	49.66	50.49	54.29	54.86	55.04	57.90	72.97
Standard Deviation	27.45	29.08	27.87	29.51	31.08	31.94	43.25	46.99	47.32	47.73	70.61
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC		NEW		NORTHPORT-				
	IESO		(Import/Export)	РЈМ	ENGLAND	CABLE	NORWALK	NEPTUNE	LINDEN VFT	Dennison	
		, ,	` ' '			Controllable	Controllable	Controllable	Controllable	Controllable	
	Zone O	Zone M	Zone M	Zone P	Zone N	<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>	
DAY AHEAD LBMP											
Unweighted Price *											
	45.89	48.67	48.57	52.47	53.89	66.66	52.13	66.05	54.53	48.07	
Standard Deviation	45.89 11.93	48.67 12.64	48.57 12.59	52.47 19.21	53.89 18.13	66.66 33.74	52.13 34.47	66.05 33.30	54.53 13.71	48.07 11.96	
Standard Deviation  RTC LBMP											
Standard Deviation  RTC LBMP  Unweighted Price *	11.93 44.92	12.64 29.90	12.59 29.21	19.21 50.48	18.13 51.24	33.74 63.04	34.47 61.24	33.30 63.02	13.71 50.38	11.96 39.81	
Standard Deviation  RTC LBMP	11.93	12.64	12.59	19.21	18.13	33.74	34.47	33.30	13.71	11.96	
Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation  REAL TIME LBMP	11.93 44.92 15.65	29.90 118.80	12.59 29.21 119.27	19.21 50.48 20.78	18.13 51.24 20.06	33.74 63.04 42.28	34.47 61.24 41.99	33.30 63.02 42.47	13.71 50.38 44.73	11.96 39.81 83.70	
Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation	11.93 44.92	12.64 29.90	12.59 29.21	19.21 50.48	18.13 51.24	33.74 63.04	34.47 61.24	33.30 63.02	13.71 50.38	11.96 39.81	

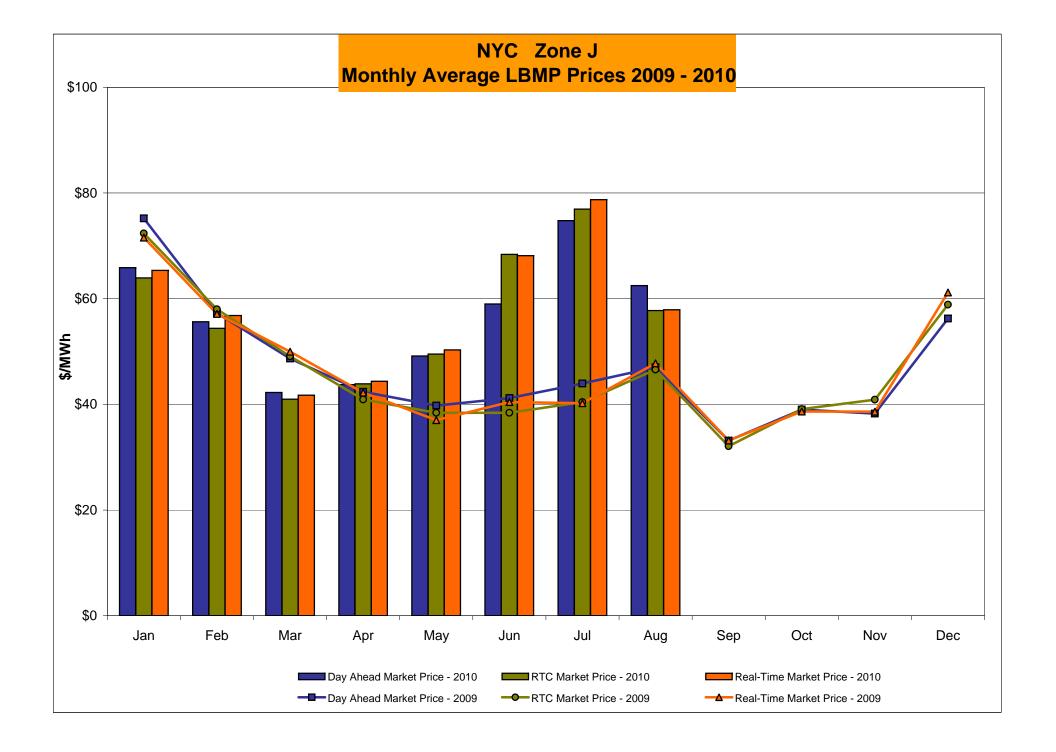
Market Mitigation and Analysis Prepared: 9/3/2010 2:47 PM

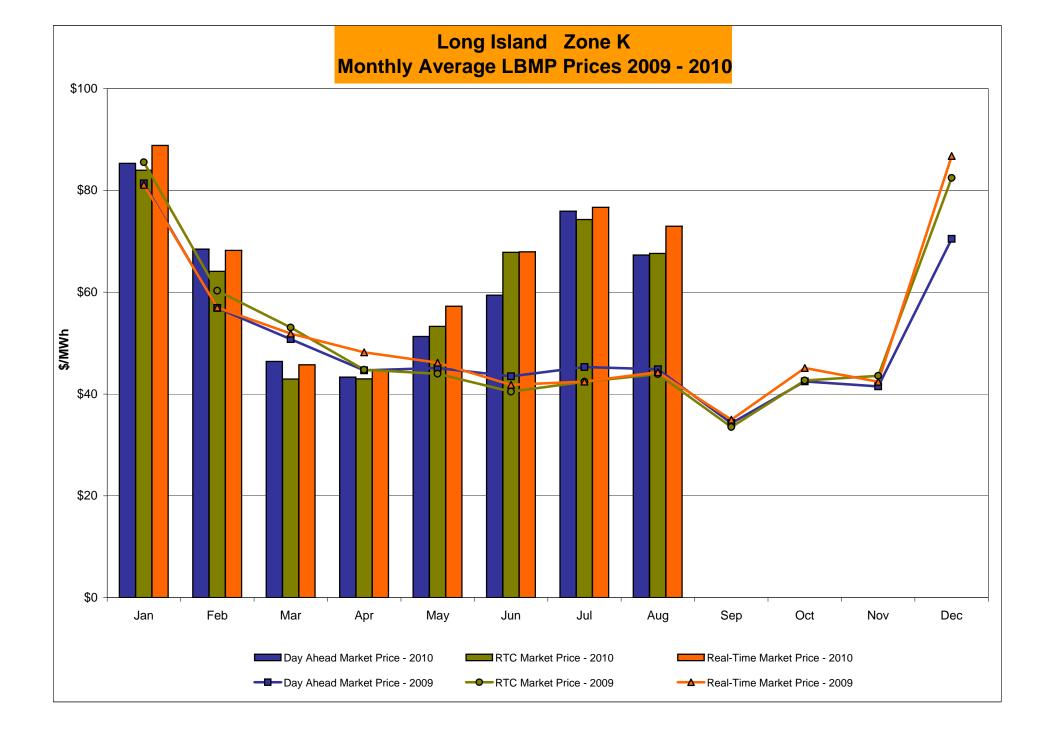
<sup>\*</sup> Straight LBMP averages

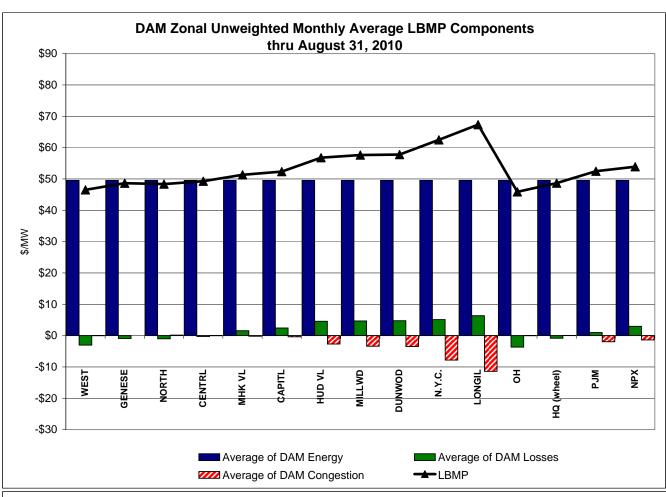


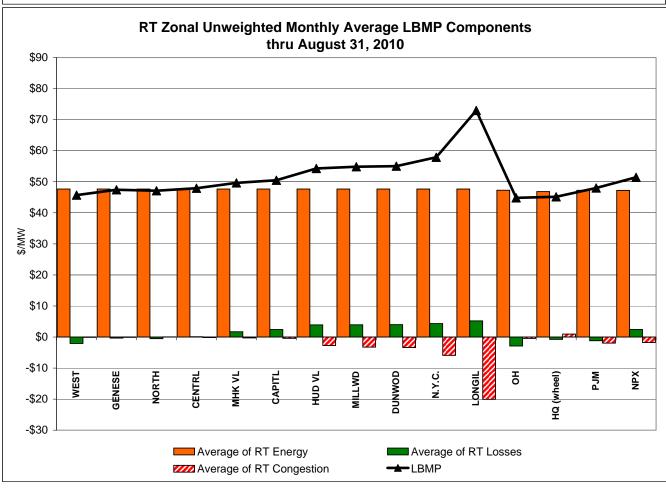




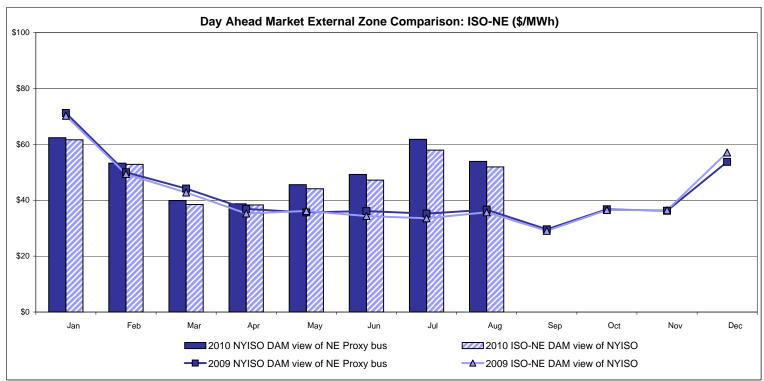


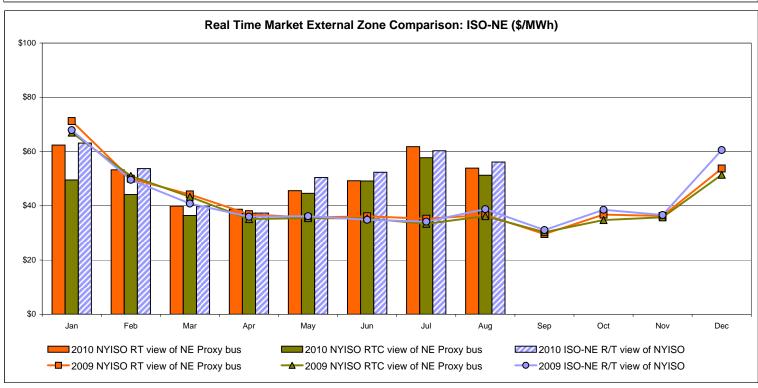




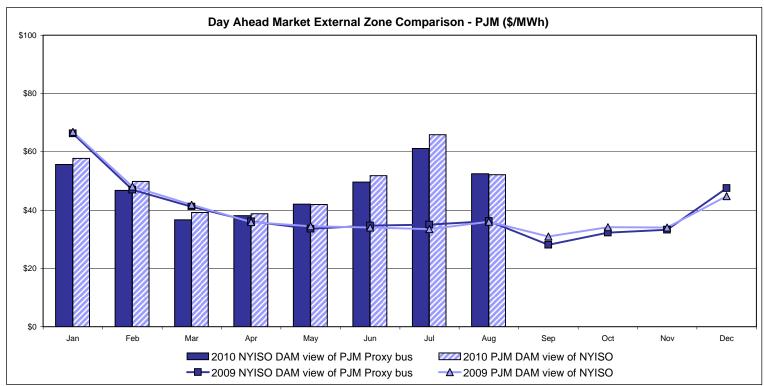


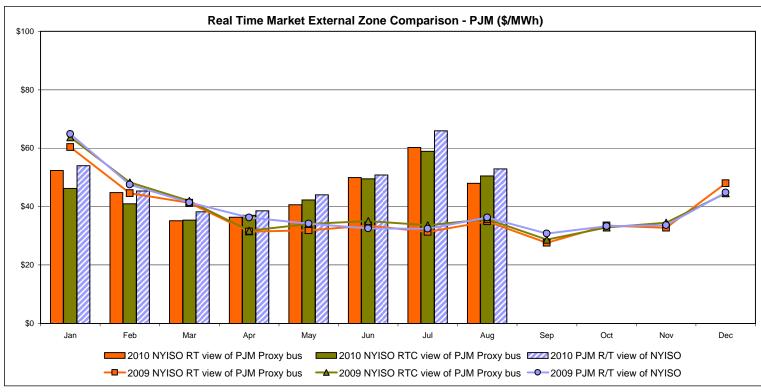
# **External Comparison ISO-New England**



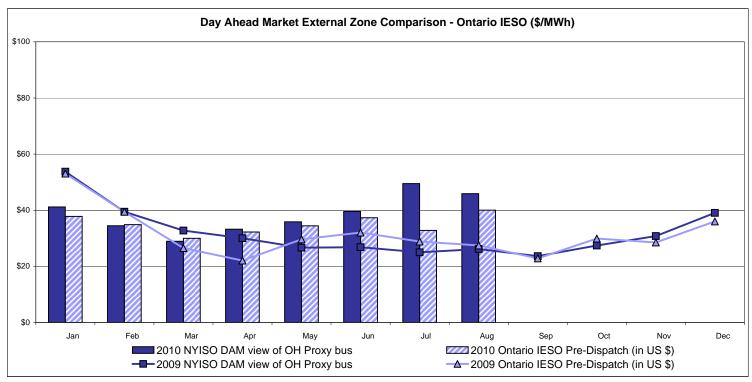


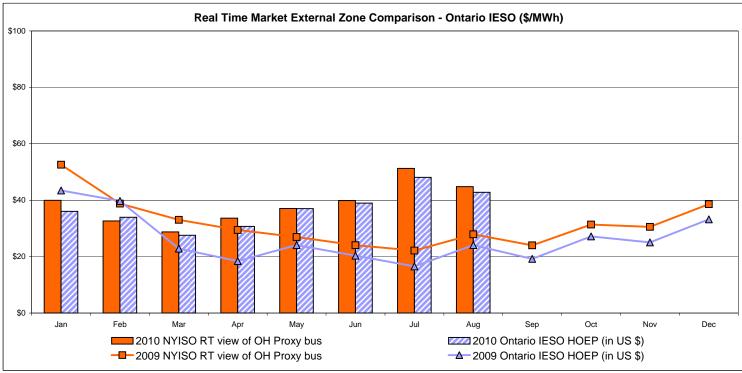
## **External Comparison PJM**





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

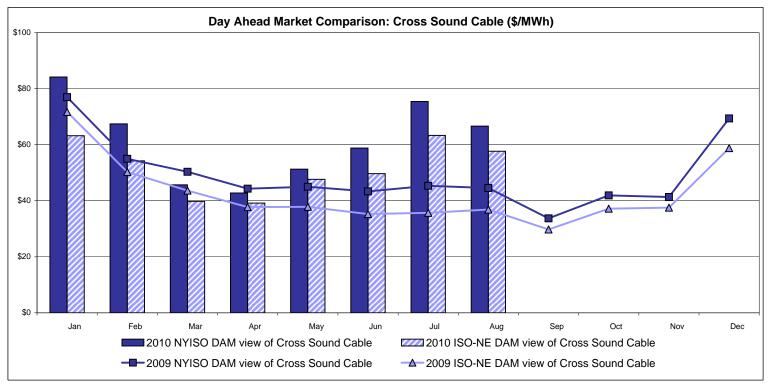


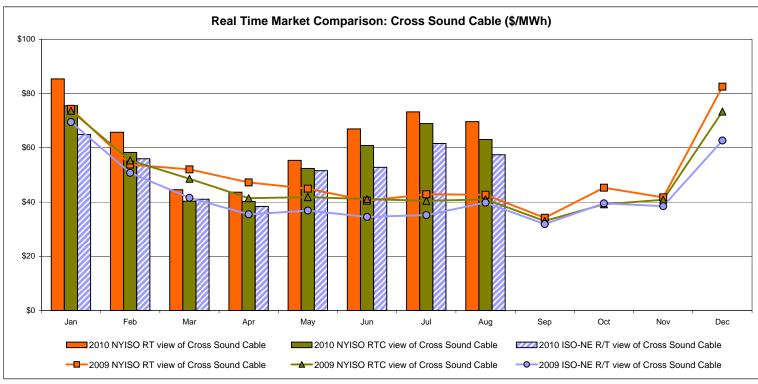


Notes: Exchange factor used for August 2010 was 0.96 to US \$

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

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





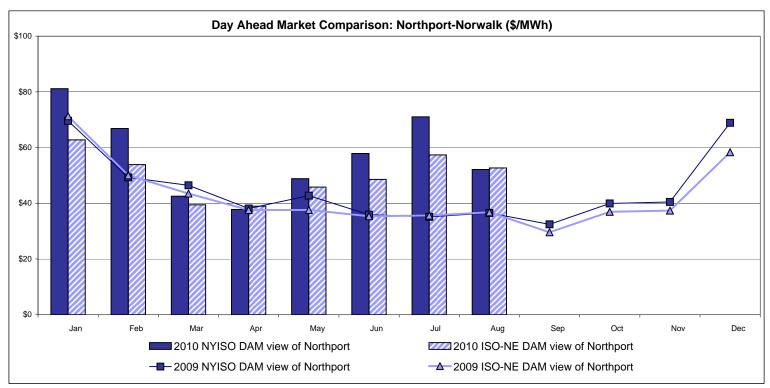
#### Note:

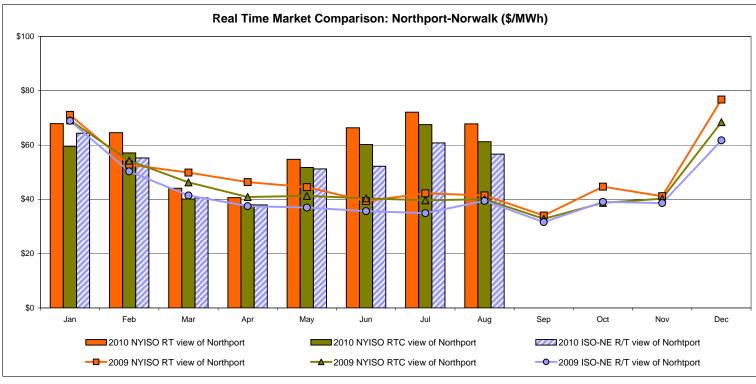
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

## **External Controllable Line: Northport - Norwalk (New England)**





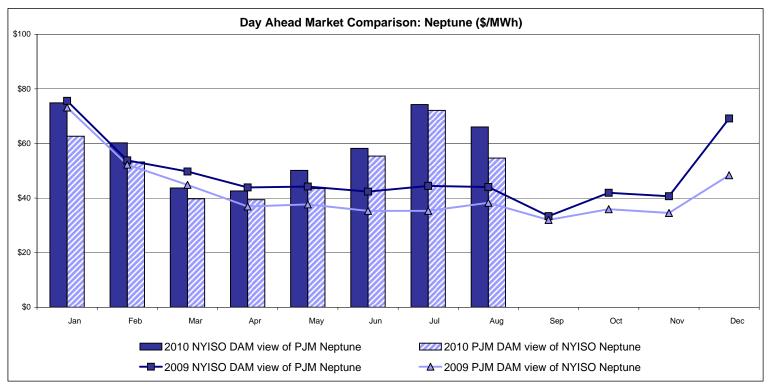
#### Note:

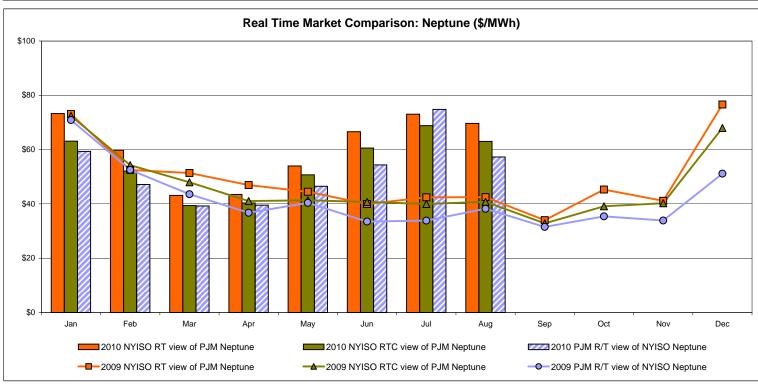
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

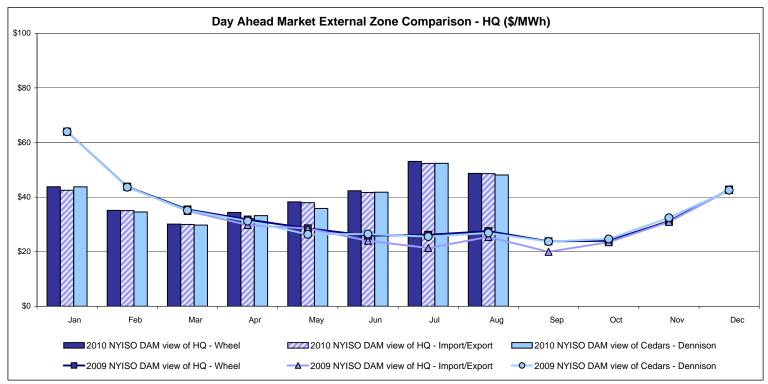
The DAM and R/T prices at the 1385 interface are used for NYISO.

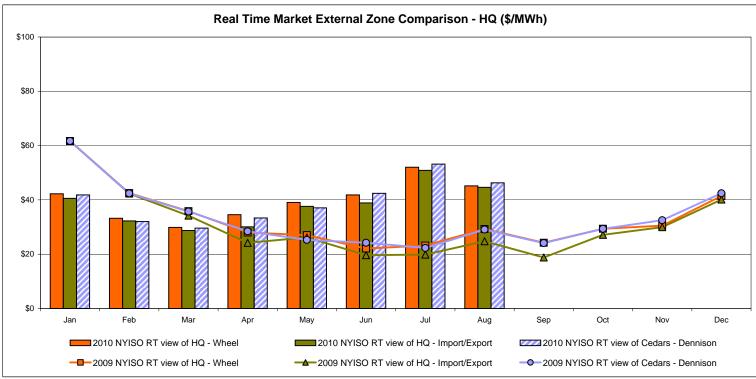
## **External Controllable Line: Neptune (PJM)**





## **External Comparison Hydro-Quebec**

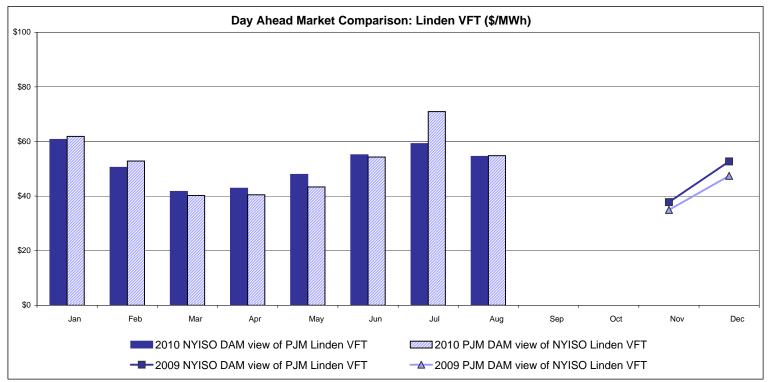


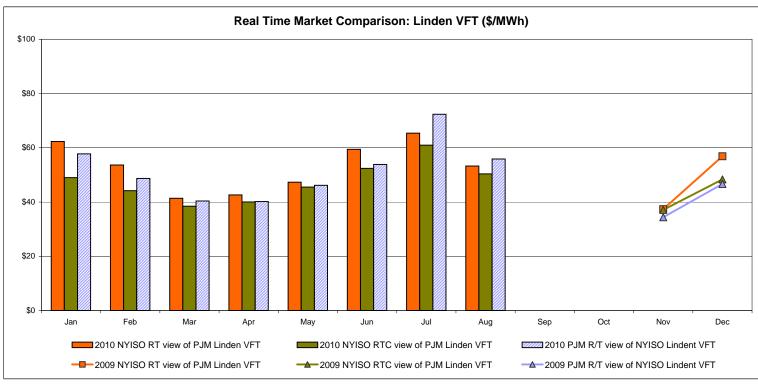


Note:

Hydro-Quebec Prices are unavailable.

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





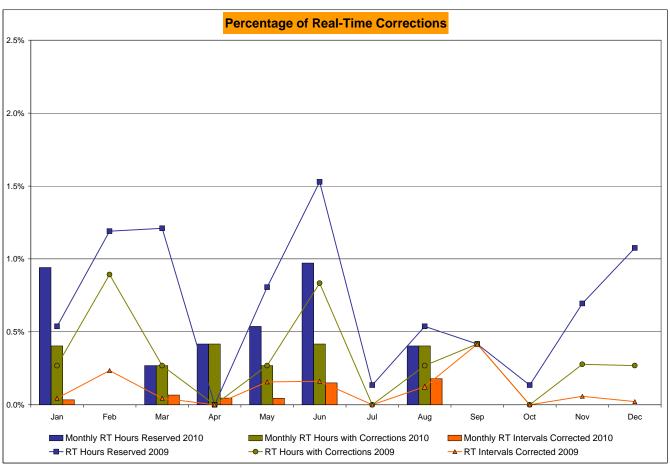
Note: Linden VFT Scheduled Line Data available beginning 11/1/2009.

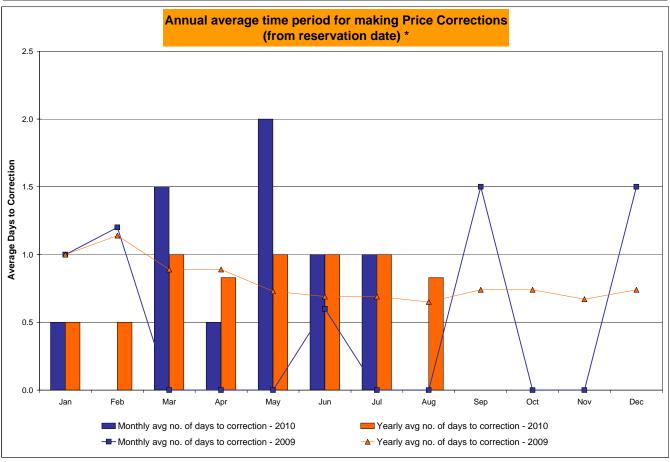
#### **NYISO Real Time Price Correction Statistics**

<u>2010</u>		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Hour Corrections	in the constant	0	0	0	0	0	0	0					
Number of hours with corrections	in the month	3	0	2	3	2	3	0	3				
Number of hours	in the month	744	672	744	720	744	720	744	744 0.40%				
% of hours with corrections	in the month	0.40%	0.00%	0.27%	0.42%	0.27%	0.42%	0.00%	0.40%				
% of hours with corrections	year-to-date	0.40%	0.21%	0.23%	0.28%	0.28%	0.30%	0.26%	0.27%				
Interval Corrections													
Number of intervals corrected	in the month	3	0	6	4	4	13	0	16				
Number of intervals	in the month	8,934	8,057	8,913	8,640	8,946	8,660	8,955	8,955				
% of intervals corrected	in the month	0.03%	0.00%	0.07%	0.05%	0.04%	0.15%	0.00%	0.18%				
% of intervals corrected	year-to-date	0.03%	0.02%	0.03%	0.04%	0.04%	0.06%	0.05%	0.07%				
Hours Reserved													
Number of hours reserved	in the month	7	0	2	3	4	7	0	3				
Number of hours	in the month	744	672	744	720	744	720	744	744				
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.42%	0.54%	0.97%	0.00%	0.40%				
% of hours reserved	year-to-date	0.94%	0.49%	0.42%	0.42%	0.44%	0.53%	0.45%	0.45%				
Days to Correction *	,												
Avg. number of days to correction	in the month	0.50	0.00	1.50	0.50	2.00	1.00	1.00	0.00				
Avg. number of days to correction	year-to-date	0.50	0.50	1.00	0.83	1.00	1.00	1.00	0.83				
Days Without Corrections	•												
Days without corrections	in the month	29	28	29	28	30	28	31	29				
Days without corrections	year-to-date	29	57	86	114	144	172	203	232				
2009		January	February	March	April	May	June	.lulv	August	September	October	November	December
2009 Hour Corrections		<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>
Hour Corrections	in the month	<del></del>	<del></del>		<del></del>	<del></del>		- <u></u> -			<u></u>		
Hour Corrections  Number of hours with corrections	in the month	2	6	2	0	2	6	0	2	3	0	2	2
Hour Corrections	in the month in the month in the month	<del></del>	<del></del>		<del></del>	<del></del>		- <u></u> -			<u></u>		
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	2 744 0.27%	6 672 0.89%	2 744 0.27%	0 720 0.00%	2 744 0.27%	6 720 0.83%	0 744 0.00%	2 744 0.27%	3 720 0.42%	0 744 0.00%	2 720 0.28%	2 744 0.27%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month	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 year-to-date	2 744 0.27% 0.27%	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	2 744 0.27% 0.34%	3 720 0.42% 0.35%	0 744 0.00% 0.32%	2 720 0.28% 0.31%	2 744 0.27% 0.31%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date	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%	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	6 672 0.89% 0.56%	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 % 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 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% 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% 5 720	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 % of hours reserved % 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 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% 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% 5 720	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 % 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	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 *  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	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 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%	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	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  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 % of hours reserved Avg. number of days to correction Avg. number of days to correction Days Without Corrections 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 in the month in the month in the month year-to-date 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% 1.00 1.00	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85% 1.20 1.14	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97% 0.00 0.89	0 720 0.00% 0.35%  0 8,639 0.00% 0.08%  0 720 0.00% 0.73%  0.00 0.89	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75% 0.00 0.73	6 720 0.83% 0.41%  14 8,655 0.16% 0.11%  11 720 1.53% 0.87%  0.60 0.69	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77% 0.00 0.69	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74% 0.00 0.65	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.70% 1.50 0.74	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64% 0.00 0.74	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68% 1.50 0.74
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  Your hours % of hours reserved 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%  0.00 0.89	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

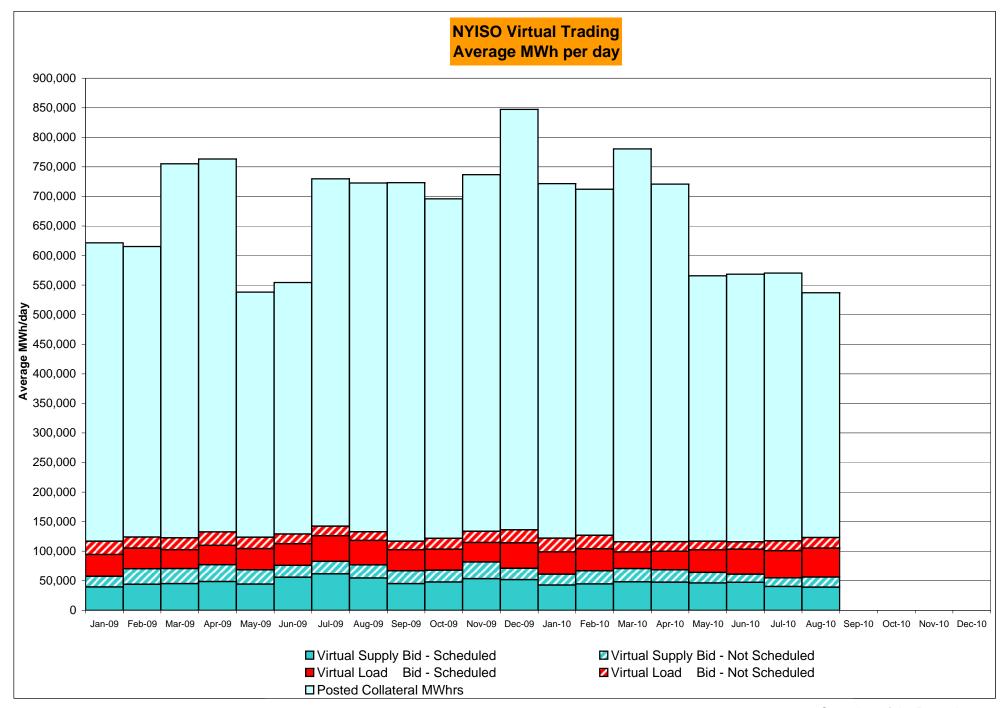
<sup>\*</sup> Calendar days from reservation date.

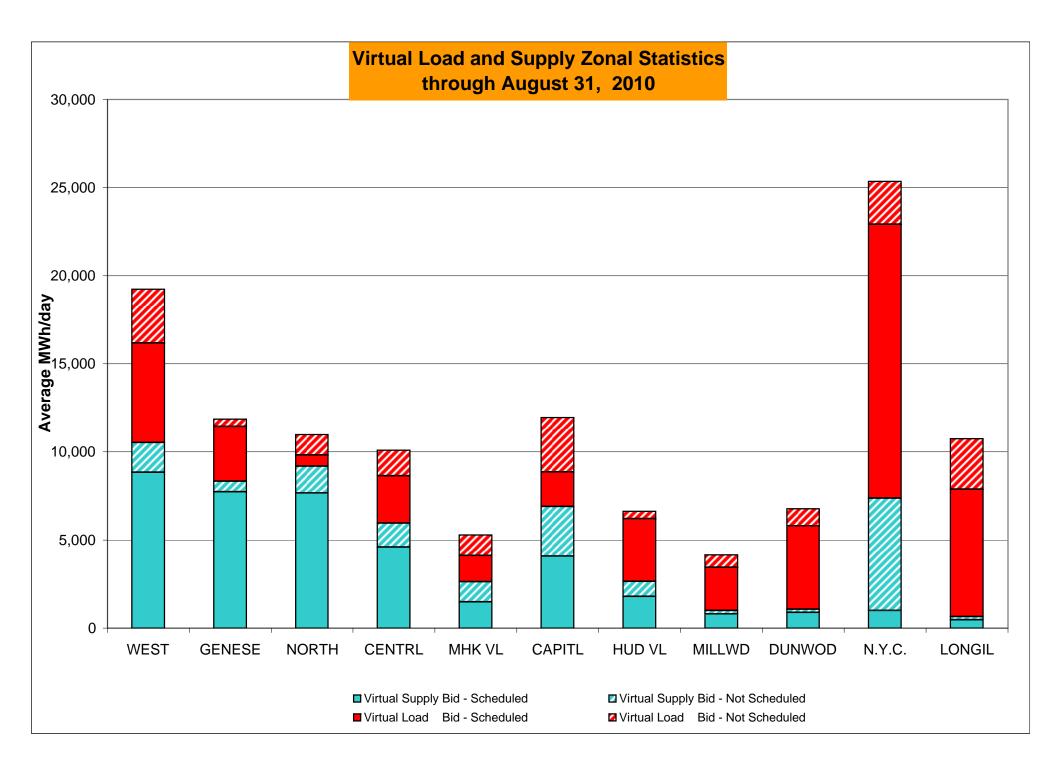
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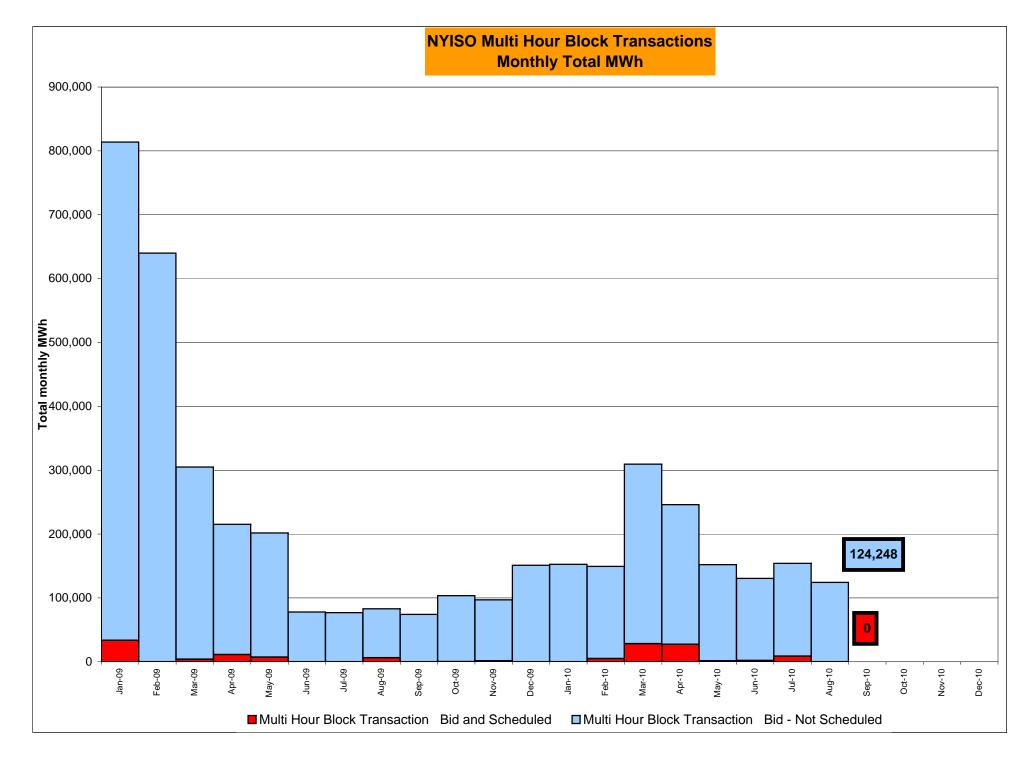
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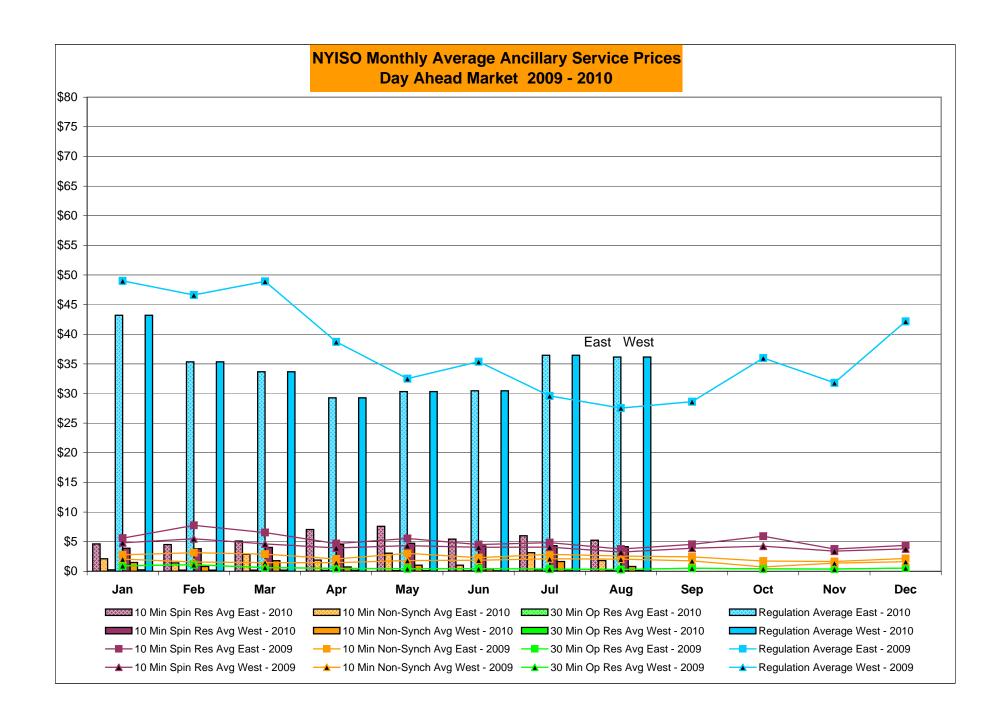


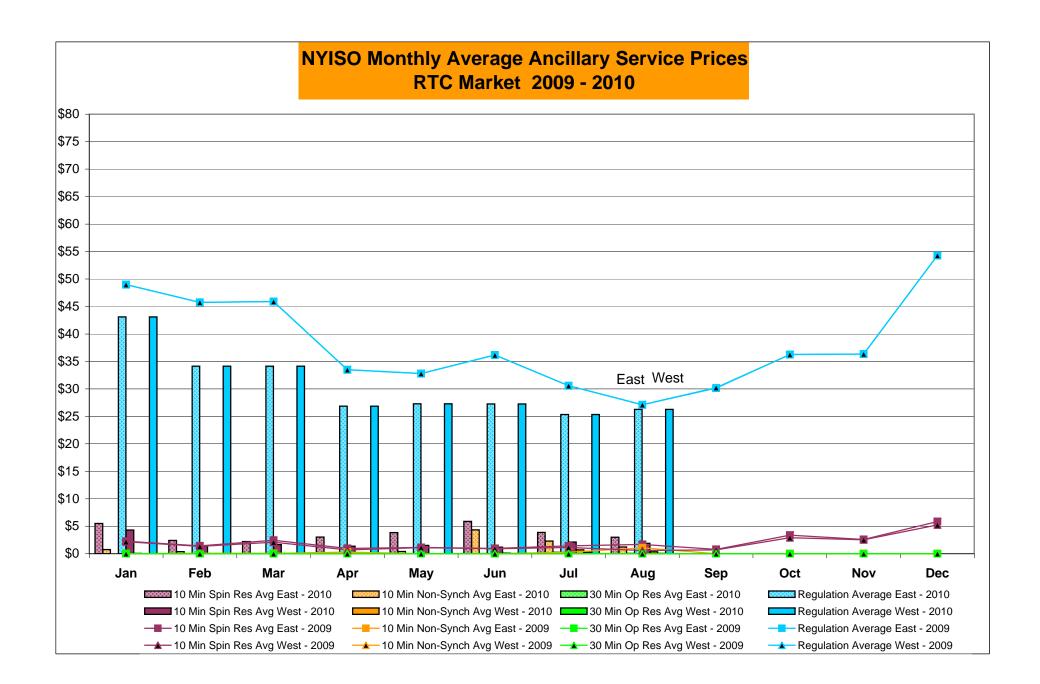


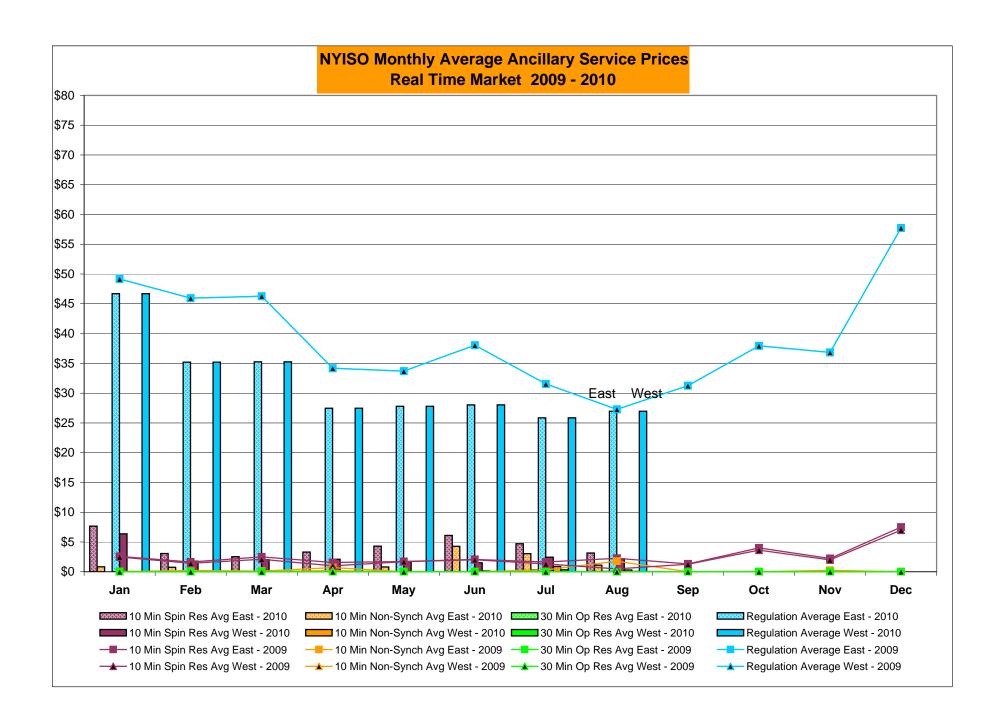
					Virtual L	oad and	Supp	ly Zonal	Statistic	s (Averag	ge MWh/da	y) - 2010	<u> </u>				
	T	Virtual L		Virtual S	upply Bid			Virtual L		Virtual Su		1		Virtual L	Load Bid	Virtual Su	ıpply Bid Not
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	
WEST	Jan-10	2,369	639	7,053	1,096	MHK VL	Jan-10	566	1,360	1,944	1,812	DUNWOD	Jan-10	1,366		1,007	493
WEST	Feb-10	1,782	1,503	5,731	2,602	WITH VE	Feb-10	900	1,327	1,812	1,507	DOMMOD	Feb-10	1,229		615	463
	Mar-10	1,878	500	7,531	2,586		Mar-10	2,071	1,405	1,835	1,399		Mar-10	778		818	372
	Apr-10	4,158	430	9,060	1,963		Apr-10	1,389	1,264	2,449	1,195		Apr-10	550		680	383
	May-10	1,877	747	11,295	2,086		May-10	895	1,207	1,941	976		May-10	3,050	580	429	293
	Jun-10	2,097	377	11,824	1,098		Jun-10	868	965	2,026	691		Jun-10	5,995	1,048	341	78
	Jul-10	3,749	744	8,176	1,118		Jul-10	858	1,187	1,163	1,160		Jul-10	6,595		400	95
	Aug-10	5,644	3,052	8,841	1,687		Aug-10	1,475	1,175	1,496	1,145		Aug-10	4,716	992	891	183
	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	Jan-10	1,307	507	6,615	438	CAPITL	Jan-10	3,858	3,282	1,918	1,988	N.Y.C.	Jan-10	9,721	6,433	4,216	7,305
GENESE	Feb-10	1,868	599	9,495	497	CAFIIL	Feb-10	3,189	3,547	1,880	2,918	N. 1.C.	Feb-10	11,568		4,477	8,219
	Mar-10	1,081	427	10,627	589		Mar-10	2,368	3,502	1,815	3,219		Mar-10	9,745		687	7,785
	Apr-10	2,782	375	8,112	406		Apr-10	2,080	3,213	4,197	2,767		Apr-10	8,167	4,195	1,041	7,812
	May-10	1,205	125		216		May-10	2,950	3,006	2,637	2,513		May-10	13,756		475	7,048
	Jun-10	1,239	58		111		Jun-10	1,331	2,982	5,023	2,681		Jun-10	13,872		444	6,318
	Jul-10	1,974	214	6,865	266		Jul-10	1,196	3,211	7,480	2,681		Jul-10	15,817	3,690	702	6,084
	Aug-10	3,113	421	7,731	599		Aug-10	1,966	3,083	4,081	2,811		Aug-10	15,545	2,439	990	6,385
	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	Jan-10	371	910	8,227	1,944	HUD VL	Jan-10	9,362	1,921	2,611	911	LONGIL	Jan-10	7,706	5,282	946	254
NOKIH	Feb-10	946	1,438	9,552	1,793	HOD VL	Feb-10	5,602	1,774	2,178	1,513	LONGIL	Feb-10	7,700		847	591
	Mar-10	1,143	1,259	11,701	2,063		Mar-10	1,631	1,015	3,149	456	=	Mar-10	6,118		592	410
	Apr-10	1,425	1,245	10,390	2,780		Apr-10	2,073	1,240	4,047	1,220	_	Apr-10	5,689		421	527
	May-10	1,777	1,082	9,295	2,344		May-10	3,294	344	1,432	338		May-10		1,823	238	110
	Jun-10	715	941	9,413	1,354		Jun-10	5,270	367	1,773	194		Jun-10	9,118		227	114
	Jul-10	590	951	7,019	1,337		Jul-10	4,205	522	2,511	215		Jul-10	7,871	2,946	231	185
	Aug-10	641	1,159	7,665	1,521		Aug-10	3,552	429	1,802	854		Aug-10		2,867	477	179
	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	Jan-10	768	1,670	7,053	1,452	MILLWD	Jan-10	477	492	1,256	492	NYISO	Jan-10	37,871	23,210	42,846	18,184
CENTRE	Feb-10	1,917	1,556	7,543	1,652	WILLAND	Feb-10	786	492	549	462	NTISO	Feb-10	37,163		44,679	22,218
	Mar-10	991	1,607	8,467	3,033		Mar-10	397	441	1,052	376	$\dashv$	Mar-10	28,200		48,274	22,218
	Apr-10	2,416	1,476	6,155	1,412		Apr-10	508	387	1,147	393	_	Apr-10			47,699	20,857
	May-10	1,075	1,349	7,105	1,384		May-10	939	286	955	337		May-10		,	46,363	17,645
	Jun-10	656	1,177	6,296	1,019		Jun-10	1,051	127	636	127		Jun-10	42,213		47,236	13,784
	Jul-10	1,303	1,308	5,205	1,294		Jul-10	1,878	169	569	104		Jul-10	46,036		40,322	14,540
	Aug-10	2,697	1,446	4,586	1,362		Aug-10	2,443	708	805	198		Aug-10			39,366	16,925
	Sep-10						Sep-10						Sep-10			-	
	Oct-10						Oct-10						Oct-10				
	Nov-10						Nov-10						Nov-10				
	Dec-10						Dec-10						Dec-10				

Market Mitigation and Analysis Prepared: 9/1/2010 11:43 AM





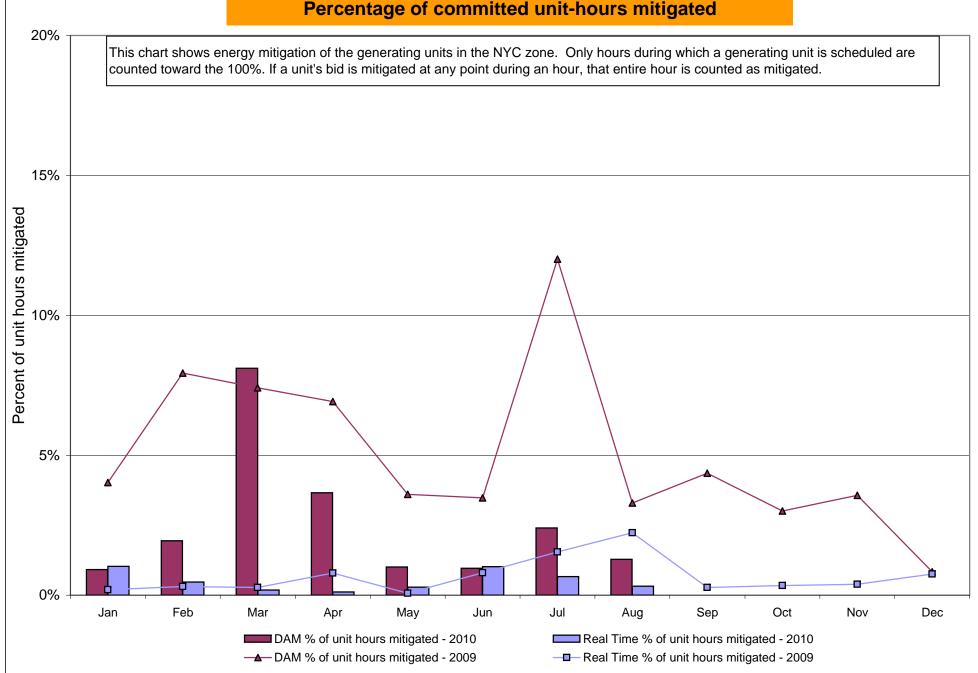


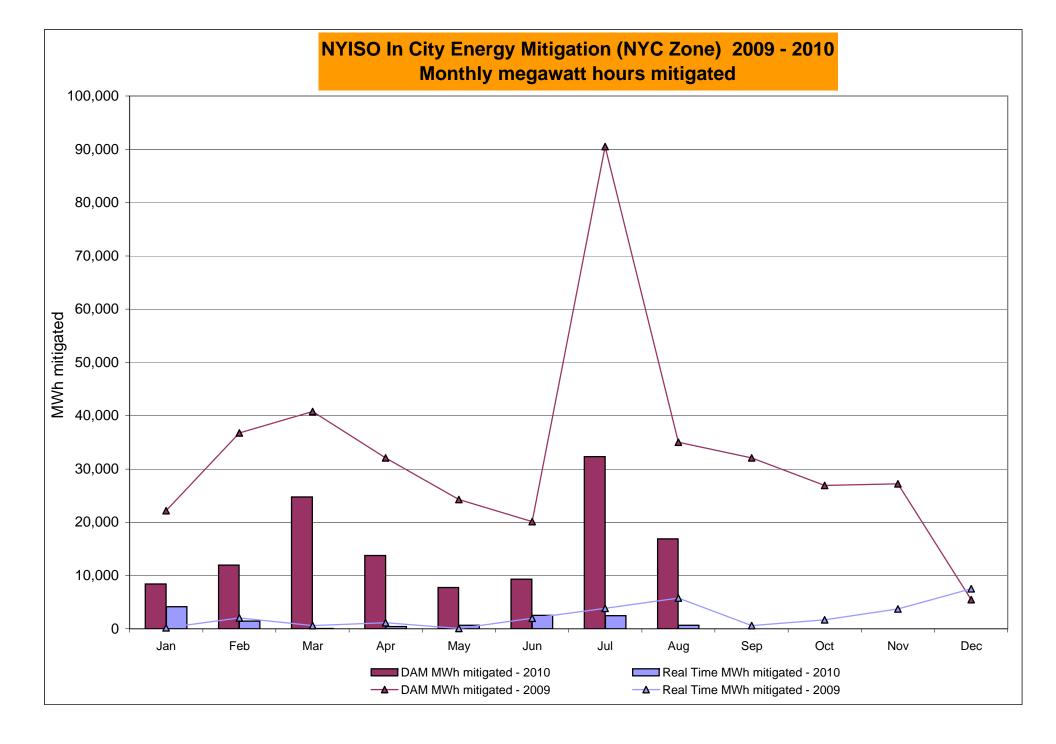


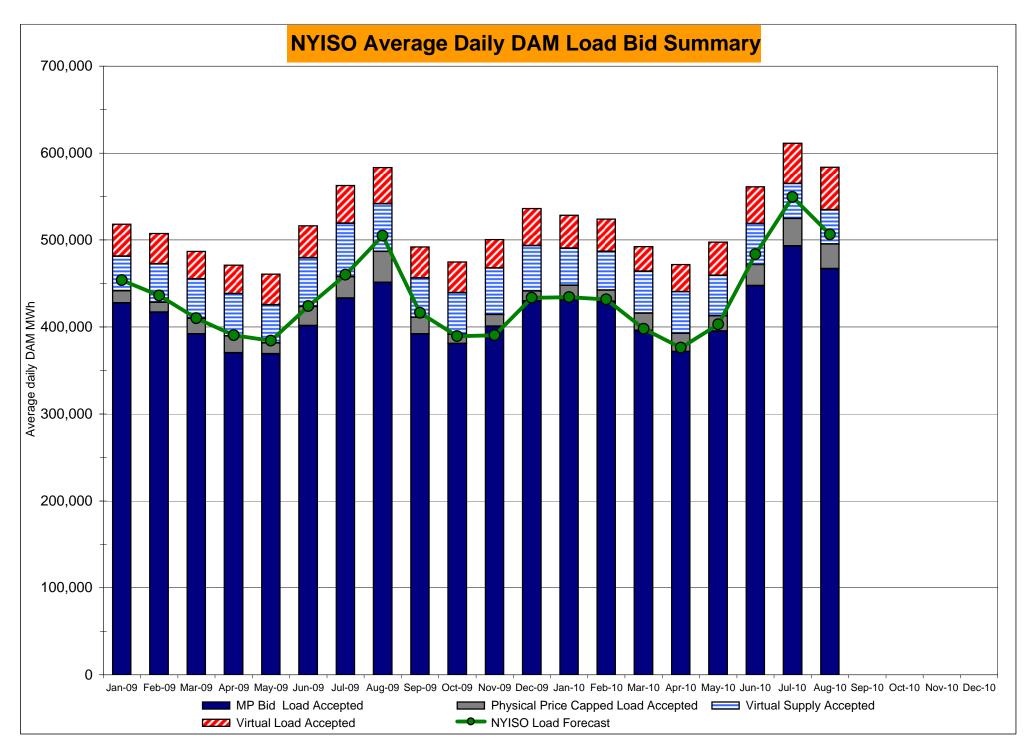
#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

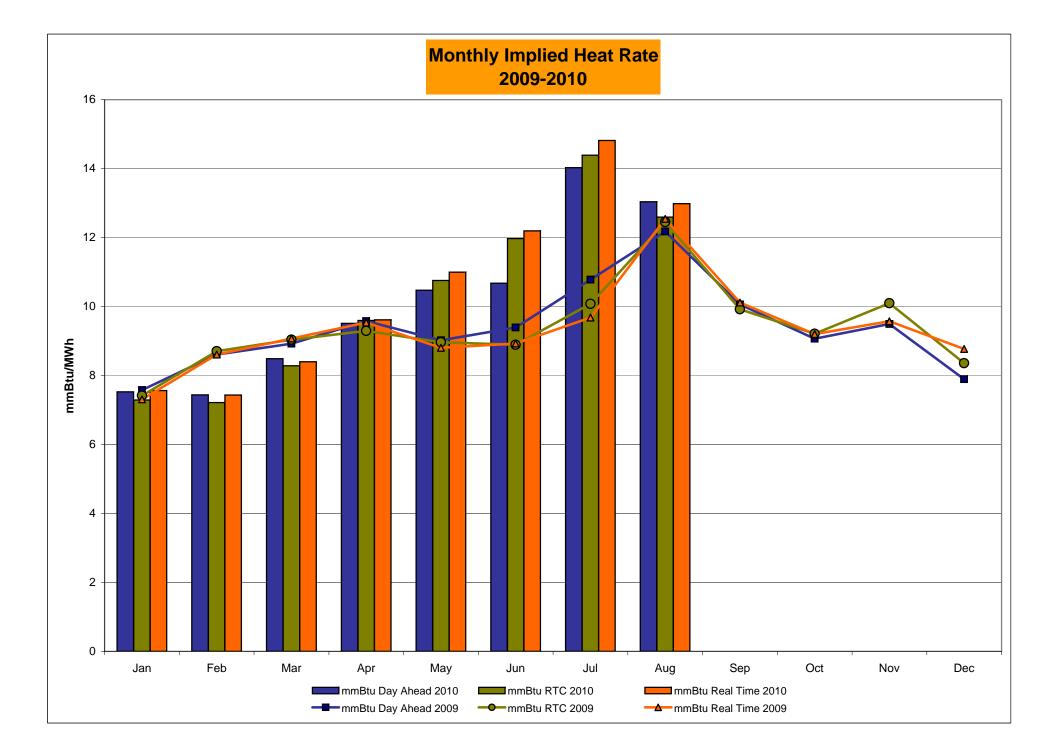
		141100	IVIAI KELS AI	ioniary oci	Vioco Otati	Stics - Cliw	reignica	TOC (WITH	<del>/</del>			
2010	<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
Day Ahead Market												
10 Min Spin East	4.62	4.51	5.10	7.04	7.59	5.43	6.00	5.23				
10 Min Spin West	3.90	3.80	4.02	4.51	4.73	4.27	4.31	4.16				
10 Min Non Synch East	2.11	1.42	2.85	1.89	3.04	1.04	3.12	1.81				
10 Min Non Synch West	1.49	0.80	1.78	0.74	1.02	0.37	1.65	0.82				
30 Min East	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10				
30 Min West	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10				
Regulation East	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15				
Regulation West	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15				
-												
RTC Market	5.40	0.40	0.00	0.00	0.00	<b>5.00</b>	0.07	0.00				
10 Min Spin East	5.49	2.42	2.22	3.03	3.86	5.89	3.87	2.99				
10 Min Spin West	4.32	1.40	1.66	1.38	1.53	1.19	2.13	1.90				
10 Min Non Synch East	0.77	0.37	0.00	0.00	0.39	4.35	2.31	1.23				
10 Min Non Synch West	0.05	0.00	0.00	0.00	0.00	0.11	0.69	0.35				
30 Min East	0.00	0.00	0.00	0.00	0.00	0.04	0.26	0.07				
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.26	0.07				
Regulation East	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27				
Regulation West	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27				
Real Time Market												
10 Min Spin East	7.67	3.08	2.54	3.31	4.30	6.10	4.71	3.13				
10 Min Spin West	6.37	1.78	2.05	2.09	1.73	1.51	2.44	2.17				
10 Min Non Synch East	0.83	0.74	0.00	0.00	0.81	4.28	3.05	1.09				
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.12	0.89	0.28				
30 Min East	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04				
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04				
Regulation East	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94				
Regulation West	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94				
•									0	Ostaban	Na a sala a s	Danamhan
<u>2009</u>	January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	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>	<del></del>			
2009 Day Ahead Market 10 Min Spin East	<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	4.54	5.90	3.75	4.38
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West	<u>January</u> 5.60 4.81	<u>February</u> 7.74 5.48	<u>March</u> 6.54 4.62	<u>April</u> 4.66 3.94	<u>May</u> 5.53 4.32	<u>June</u> 4.50 4.05	<u>July</u> 4.84 4.08	August 3.76 3.25	4.54 3.88	5.90 4.25	3.75 3.41	4.38 3.78
2009 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	January 5.60 4.81 2.77	February 7.74 5.48 3.13	March 6.54 4.62 2.88	<u>April</u> 4.66 3.94 2.09	May 5.53 4.32 3.03	<u>June</u> 4.50 4.05 2.31	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West	January 5.60 4.81 2.77 2.05	7.74 5.48 3.13 1.58	March 6.54 4.62 2.88 1.45	April 4.66 3.94 2.09 1.46	May 5.53 4.32 3.03 1.82	June 4.50 4.05 2.31 1.87	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	5.60 4.81 2.77 2.05 0.92	7.74 5.48 3.13 1.58 1.12	March 6.54 4.62 2.88 1.45 0.63	April 4.66 3.94 2.09 1.46 0.50	May 5.53 4.32 3.03 1.82 0.43	<u>June</u> 4.50 4.05 2.31 1.87 0.43	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West	5.60 4.81 2.77 2.05 0.92 0.92	7.74 5.48 3.13 1.58 1.12	March 6.54 4.62 2.88 1.45 0.63 0.63	April 4.66 3.94 2.09 1.46 0.50 0.50	May 5.53 4.32 3.03 1.82 0.43 0.43	4.50 4.05 2.31 1.87 0.43 0.43	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East	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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71	May 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	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West	5.60 4.81 2.77 2.05 0.92 0.92	7.74 5.48 3.13 1.58 1.12	March 6.54 4.62 2.88 1.45 0.63 0.63	April 4.66 3.94 2.09 1.46 0.50 0.50	May 5.53 4.32 3.03 1.82 0.43 0.43	4.50 4.05 2.31 1.87 0.43 0.43	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East	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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71	May 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	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West	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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71	May 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	July 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West	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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	July 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
2009  Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East	January  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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52	June 4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	July  4.84  4.08  2.86  2.11  0.37  0.37  29.59  29.59	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17
2009  Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	July  4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West	January  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 1.44 1.35 0.08	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00	June 4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	July 4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  PTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West	5.60 4.81 2.77 2.05 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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00	June 4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37  0.96 0.91 0.00 0.00	July 4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59  1.41 1.13 0.27 0.00	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20 0.00 0.00 0.00	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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00	July  4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59  1.41 1.13 0.27 0.00 0.00	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00	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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00	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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 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	July  4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59  1.41 1.13 0.27 0.00 0.00 0.00	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 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	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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  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  30 Min East  30 Min East  Regulation East  Regulation East  Regulation West	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80	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	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 0.00 27.12	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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  30 Min West  Regulation East  Regulation East  Regulation West	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20 0.00 0.00 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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90 45.90	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80	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	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12	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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  Regulation East Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch East  10 Min Non Synch East  10 Min West  Regulation East  Regulation East  Regulation East  Regulation West  Regulation West  Real Time Market  10 Min Spin East	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90 45.90 2.49	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 32.80	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	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12	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 East  Regulation East Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin East  10 Min Non Synch East  10 Min Non Synch East  10 Min Non Synch East  10 Min West  Regulation East  10 Min West  Regulation East  Regulation East  Regulation West  Regulation East  Regulation West  Real Time Market  10 Min Spin East  10 Min Spin East	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20 0.00 0.00 0.00 0.00 48.98 48.98  2.57 2.46	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	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90 45.90 2.49 2.09	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49 1.55 1.01	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 31.73 1.70	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	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12 2.26 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 West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min West Regulation East 10 Min Spin East Regulation East Regulation East Regulation West  Real Time Market 10 Min Spin East 10 Min Spin West	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20 0.00 0.00 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 1.44 1.35 0.08 0.04 0.00 45.76 45.76 1.65 1.43 0.22	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49 1.55 1.01 0.69	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 31.73 1.70 0.00	June  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	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 27.12 27.12 2.26 0.48 1.77	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	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 0.00 36.24 36.24 4.01 3.62 0.00	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 0.00
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East Regulation West  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  30 Min East  30 Min West  Regulation East Regulation West  Regulation East  10 Min Spin West  10 Min Spin West  10 Min Spin West  10 Min Spin West  Regulation East  Regulation West  Real Time Market  10 Min Spin West  10 Min Spin West  10 Min Spin West	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20 0.00 0.00 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 45.76 45.76	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 45.90 45.90 2.49 2.09 0.10 0.05	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71  0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49  1.55 1.01 0.69 0.19	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80  1.73 1.70 0.00 0.00 0.00	June 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	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 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
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min West  Regulation East  10 Min Spin East  10 Min Spin West  10 Min Spin East  10 Min Spin East  10 Min West  Regulation West  Regulation West  Regulation West  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin Synch East  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 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  1.65 1.43 0.22 0.05 0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92  2.43 2.09 0.05 0.05 0.00 45.90 45.90  2.49 2.09 0.10 0.05 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71  0.97 0.70 0.30 0.10 0.00 33.49 33.49  1.55 1.01 0.69 0.19 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80  1.73 1.70 0.00 0.00 0.00 0.00 0.00 0.00 0.00	June  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 0.00 0.00	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 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 30.14 30.23 1.32 1.25 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 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 West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min West  Regulation East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  Regulation West  Regulation West  Regulation West  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin West	January  5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20 0.00 0.00 0.00 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  1.65 1.43 0.22 0.05 0.00 0.00 0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92  2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00 0.00 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71  0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49  1.55 1.01 0.69 0.19 0.00 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80  1.73 1.70 0.00 0.00 0.00 0.00 0.00 0.00 0.00	June  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 0.00 0.00 0.0	July  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 0.00 0.00 0.00	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 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.
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min West  Regulation East  10 Min Spin East  10 Min Spin West  10 Min Spin East  10 Min Spin East  10 Min West  Regulation West  Regulation West  Regulation West  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin Synch East  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 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  1.65 1.43 0.22 0.05 0.00	March 6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92  2.43 2.09 0.05 0.05 0.00 45.90 45.90  2.49 2.09 0.10 0.05 0.00	April 4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71  0.97 0.70 0.30 0.10 0.00 33.49 33.49  1.55 1.01 0.69 0.19 0.00	May 5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80  1.73 1.70 0.00 0.00 0.00 0.00 0.00 0.00 0.00	June  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 0.00 0.00	July  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	August  3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 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 30.14 30.23 1.32 1.25 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 0.00

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

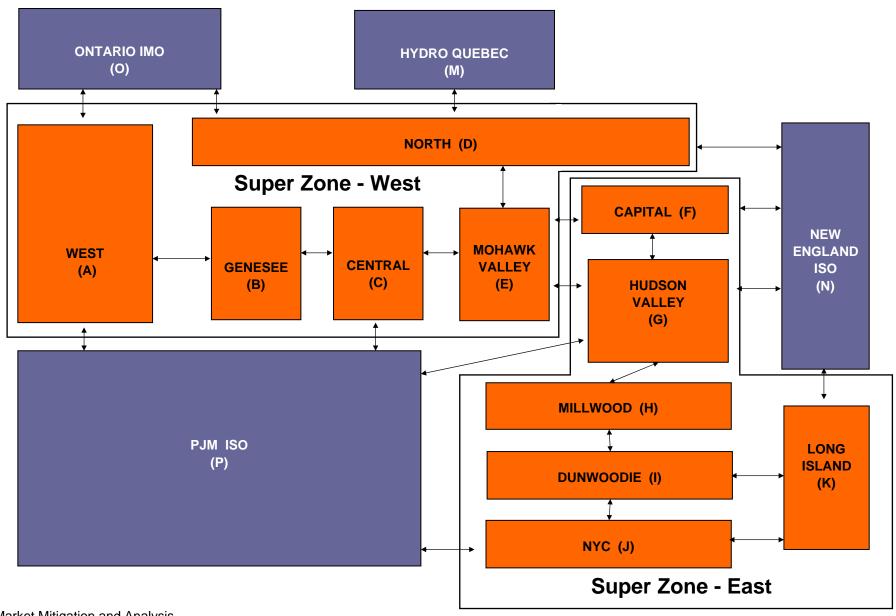








## NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 9/1/2010 3:09 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









## August 2010 Report

## Operations & Reliability Department New York Independent System Operator

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



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- DAM Congestion Residuals Cost Categories
- NYCA Unit Uplift Components Monthly Trend
- NYCA Unit Uplift Components Daily Costs

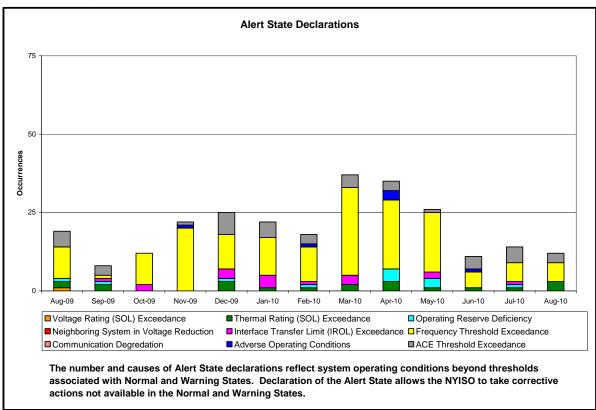


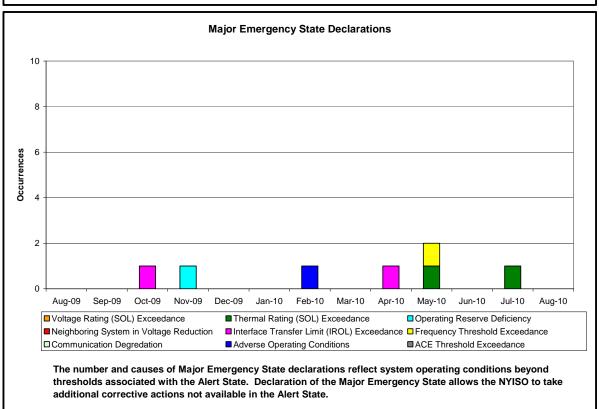
### **August 2010 Operations Performance Highlights**

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

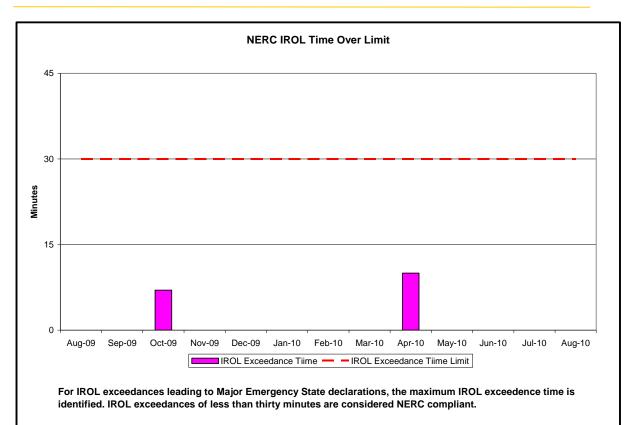


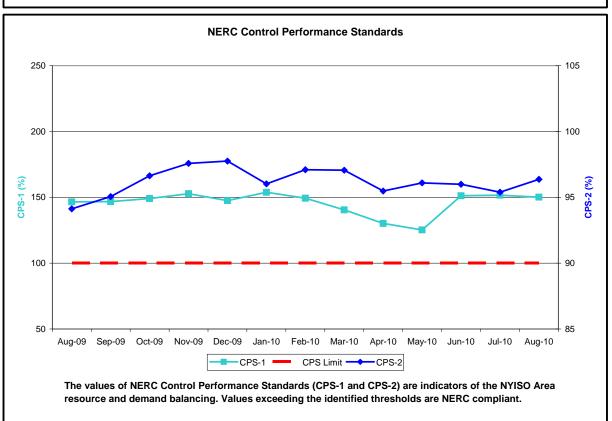
### **Reliability Performance Metrics**



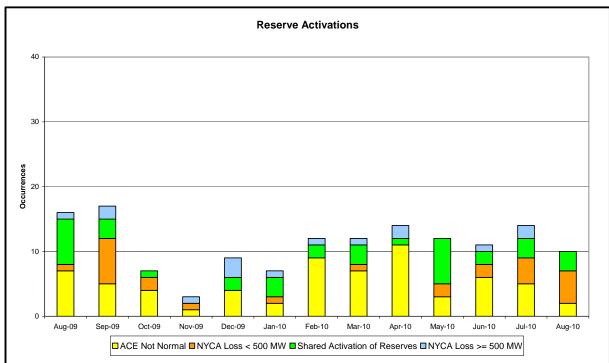




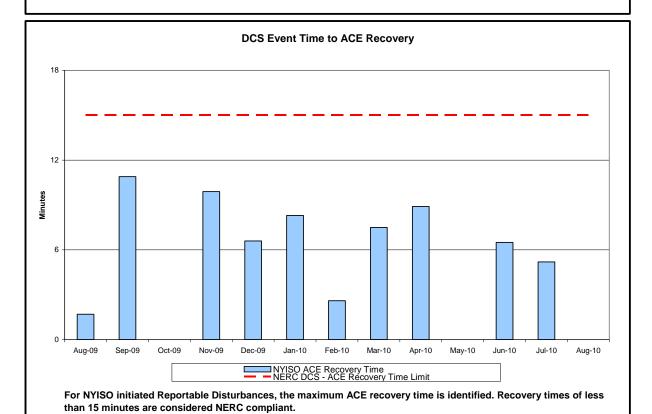




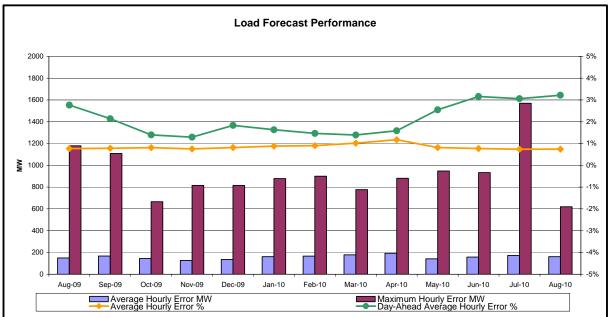




NYISO Reserve Activations are indicators of the need to respond to unexpected operational conditions within the NYISO Area or to assist a neighboring Area (Shared Activation of Reserves) by activating an immediate resource and demand balancing operation.



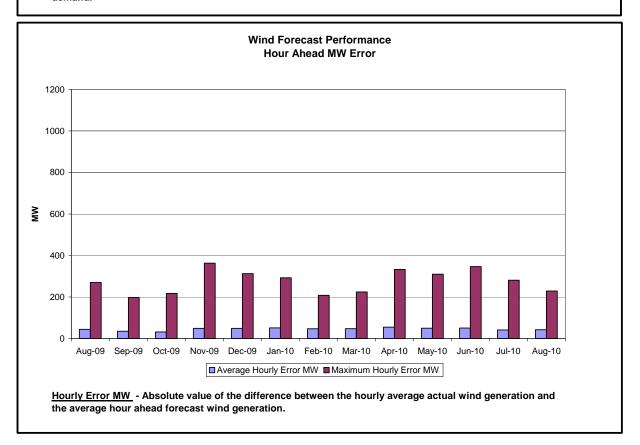




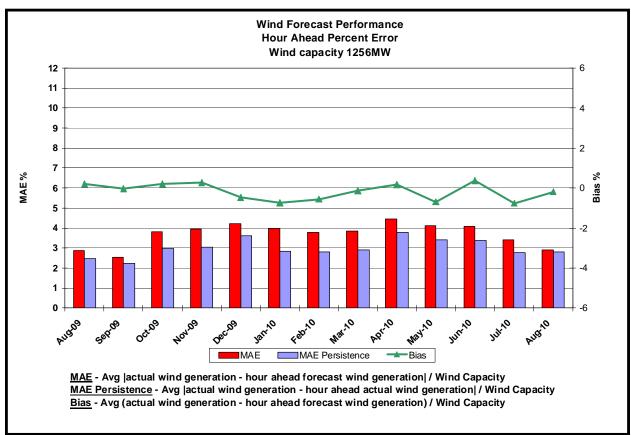
<u>Hourly Error MW</u> - Absolute value of the difference between the hourly average actual load demand and the average hour ahead forecast load demand.

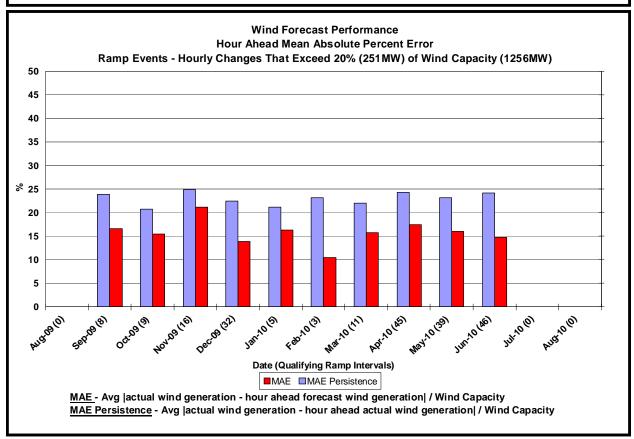
 $\underline{\text{Average Hourly Error } \%} \text{ - Average value of the ratio of hourly average error magnitude to hourly average actual load demand.}$ 

<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.

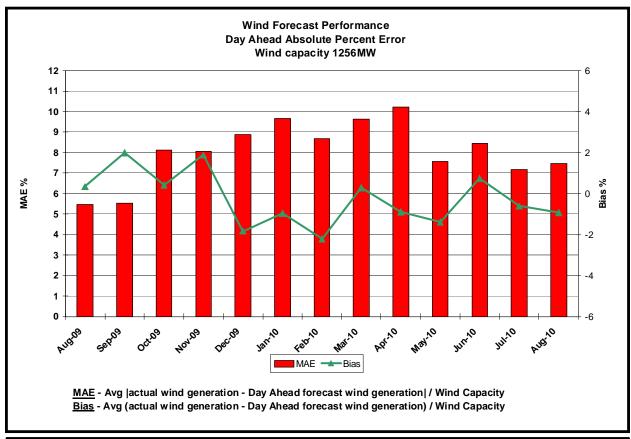


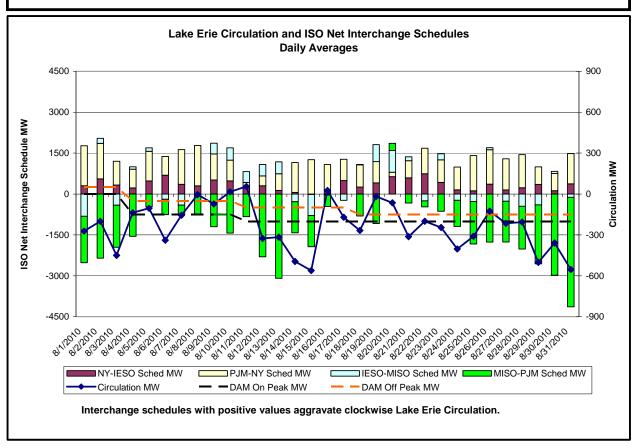






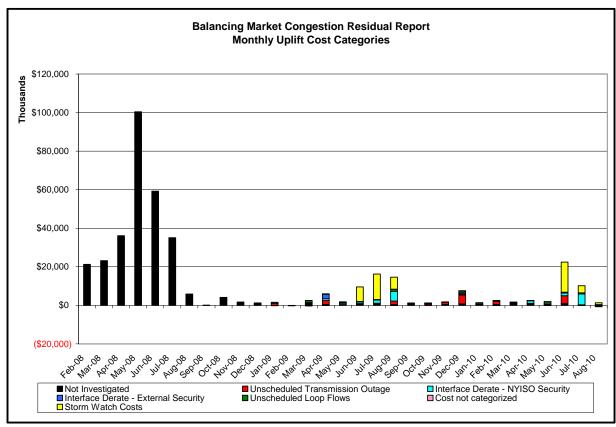


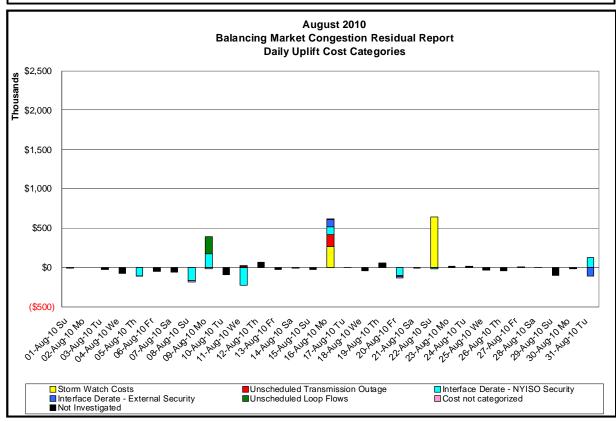






#### **Market Performance Metrics**







		1 August. 5, 6, 9, 11, 16,	
Event	Date (yyyym l		Description
	8/5/2010		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
	8/5/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
	8/5/2010		Uprate GoethalsS-GowanusS 345kV (#26)
	8/5/2010		Uprate GowanusN-Greenwood 138kV (#42231)
	8/5/2010	21	Derate Greenwood/Staten Island, Greenwood-Vernon (#31231, #31232)
	8/5/2010	21	Derate Sprainbrook-East Garden City 345kV (#Y49)
	8/5/2010	16	NYCA DNI Ramp Limit
	8/5/2010		PJM DNI Ramp Limit
	8/5/2010		NE DNI Ramp Limit
	8/8/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
	8/9/2010		NYCA DNI Ramp Limit
	8/9/2010		Derate Dunwoodie-Shore Road 345kV (#Y50)
	8/9/2010		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
	8/9/2010		Uprate Freshkills-Willow Brook 138kV (#199/10)
	8/9/2010		Uprate GoethalsS-GowanusS 345kV (#26)
	8/9/2010		Derate GoethalsS-GowanusS 345kV (#26)
	8/9/2010	13-17	Derate GowanusN-Greenwood 138kV (#42231)
	8/9/2010	15-17,20	Derate Greenwood/Staten Island, Greenwood-Vernon 138kV (#31231) for I/o Vernon-Greenwood 138kV (#31232)
	8/9/2010	13-17	Derate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
	8/9/2010		Uprate Sprainbrook-East Garden City 345kV (#Y49)
	5, 5, 2, 10	,-,	Lake Erie Clockwise Circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#91) for I/o Athens-
	8/9/2010	14-17	Pleasant Valley 345kV (#92)
	8/11/2010		Forced outage Sprainbrook-West 49th Street (#M52)
	8/11/2010		NYCA DNI Ramp Limit
	8/11/2010		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
	8/11/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
	8/11/2010		Uprate GowanusN-Greenwood 138kV (#42231)
	8/11/2010		Uprate GoethalsS-GowanusS 345kV (#26)
	8/11/2010		Uprate GowanusS-Greenwood 138kV (#42232) for I/o TWR:Goethals 22,22,A2253
	8/11/2010		Uprate GowanusN-Greenwood 138kV (#42231) for I/o TWR:Goethals 22,22,A2253
	8/11/2010		Derate Mott Haven-Dunwoodie 345kV (#71)
	8/11/2010		Derate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
	8/11/2010	7, 9-12	Uprate Sprainbrook-East Garden City 345kV (#Y49)
	8/16/2010	14-19	Thunder Storm Alert
	8/16/2010	10-14,18-21	Forced outage Dunwoodie-Shore Road 345kV (#Y50)
	8/16/2010	15	Derate GoethalsS-GowanusS 345kV (#26)
	8/16/2010	12-13	Derate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
	8/16/2010		Derate Sprainbrook-East Garden City 345kV (#Y49)
	8/16/2010		HQ-NY Scheduling Limit
	8/20/2010		NYCA DNI Ramp Limit
	8/20/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
	8/20/2010		Uprate Mott Haven-Rainey 345kV (#Q12) for I/o Mott Haven-Rainey 345kV (#Q11)
	8/20/2010		Uprate Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
			PJM DNI Ramp Limit
	8/20/2010		
	8/22/2010		Thunder Storm Alert
	8/22/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
	8/31/2010		NYCA DNI Ramp Limit
	8/31/2010		Derate GowanusN-Greenwood 138kV (#42231)
	8/31/2010	0	Derate GowanusS-Greenwood 138kV (#42232)
	0/21/2010	21-22	Derate Greenwood/Staten Island, Kent AveVernon 138kV (#31232) & GowanusS-Greenwood 138kV (#42232)
	8/31/2010		
	8/31/2010		Uprate Freshkills-Willow Brook 138kV (#29212)
	8/31/2010		Uprate GoethalsS-GowanusS 345kV (#26)
	8/31/2010		Derate Rainey-Vernon 138kV (#36312)
	8/31/2010	13-15,17-19	NE-NY Scheduling Limit
	8/31/2010	12,20,23	NE DNI Ramp Limit
	8/31/2010	14	PJM DNI Ramp Limit



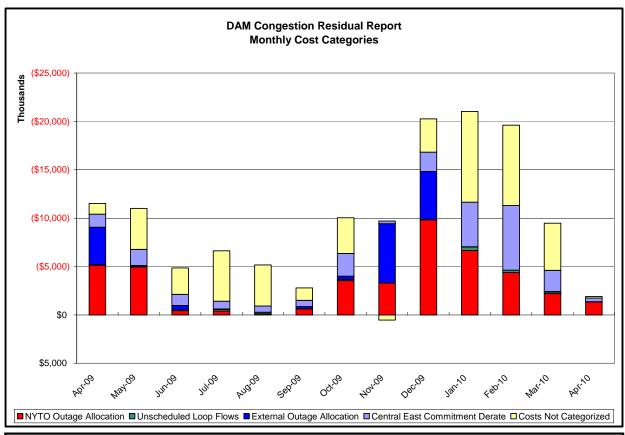
#### Real-Time Balancing Market Congestion Residual (Uplift Cost) Categories

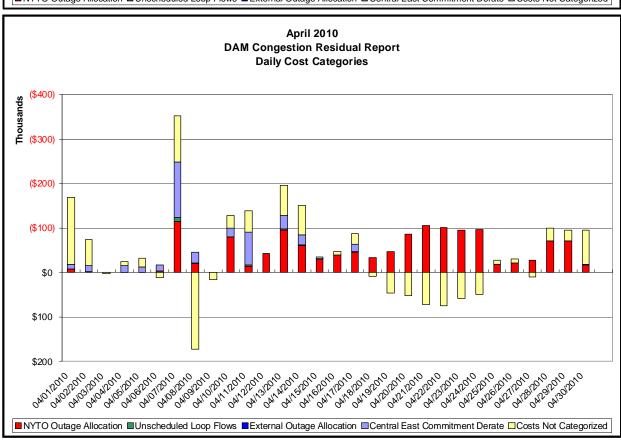
**Event Examples** Category Cost Assignment Events Types Storm Watch Zone J Thunderstorm Alert (TSA) **TSA Activations Unscheduled Transmission Outage** Market-wide Reduction in DAM to RTM transfers Forced Line Outage, related to unscheduled transmission **Unit AVR Outages** outage Interface Derate - NYISO Security Market-wide Reduction in DAM to RTM transfers Interface Derates due to not related to transmission outage **RTM voltages** Reduction in DAM to RTM transfers TLR Events, Interface Derate - External Security Market-wide related to External Control Area **External Transaction** Security Events Curtailments **DAM to RTM Clockwise Unscheduled Loop Flows** Market-wide Changes in DAM to RTM unscheduled loop flows impacting Lake Erie Loop Flows NYISO Interface transmission greater than 300MW constraints

#### 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.









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

outages.



