

### **NYISO CEO/COO Report**

### Management Committee Meeting January 26, 2011

Agenda #3

### **Report Items**

### **CEO Report**

- SAS-70 Unqualified Opinion
- FERC Metrics
- Consumer Advisory Council
  COO Report
- Market Performance Highlights For Information Only
- Operations Performance Metrics Monthly Report



# NYISO Market & Performance Metrics

Stephen G. Whitley

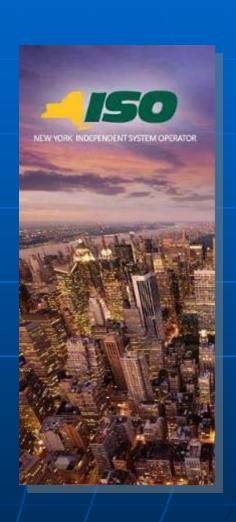
President & CEO

New York Independent System Operator

January 26, 2011 Management Committee Meeting

### A Look at the NYISO

- Serving 19 million NY residents
- 10,892 circuit-miles of highvoltage transmission lines
- ~ 400 market participants
- Over \$75 billion in market transactions (1999-2009)
- 38,190 MW of installed generation
- Record peak load -- 33,939 MW





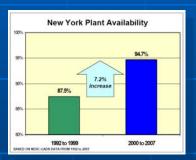
### Reliability

### Investments Driven by Competition

### **Investment in Right Places**

- 80% of new generation
- 100% new transmission



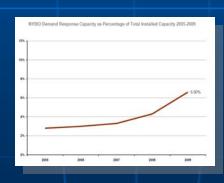


### Improved availability

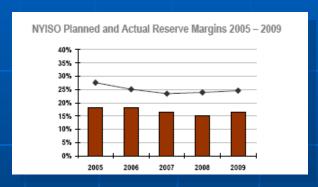
- 87.5 % (1992–1999)
- 94.27% (2001–2007)

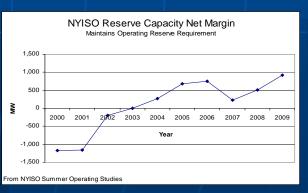
### Demand Response

- > **4,000** enrolled
- > **2,380 MW** capability



### Reliability NeedsMet through 2020







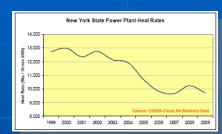
### Energy Prices

### Driven by Competition

### Fundamental changes

### Increased efficiency

Heat rate improved25% from 1999 to 2009



## New York Plant Availability 90% 91.7% 92% 92.7% 93% 94.7% 95% 100% 10

### Improved availability

 Adds 2,400 MW without new capital costs

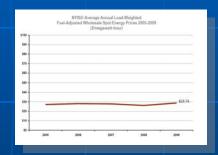
### Investment in Right Places

 \$500 M saving associated with new generation & DR near demand

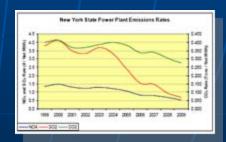


### **Positive outcomes**

- \$2.2 Billion in annual energy and capacity savings
- Levelized annual average fueladjusted wholesale energy prices



Double-digit power plant emission reductions



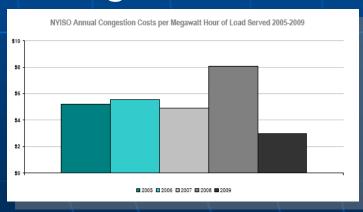


### Congestion Reduction

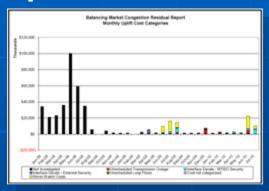
### Lake Erie Loop Flow



### Congestion



### "Uplift" Reduction



\$44 Million annual savings

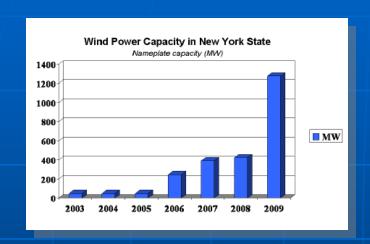
### **Broader Regional Markets Initiative**

- Enhanced Interregional Transaction Coordination
- Interface Pricing
- Market-to-Market Coordination
- Buy-Through of Congestion

\$362 million in estimated annual savings throughout region



## Renewable Energy & New Technologies



### Growing Wind Capacity

- Nearly 1,300 MW installed
- > 7,000 MW in queue
- Increasing need for better load forecasting, regulation service, transmission and balancing technologies

### NYISO market design, grid operations & technology

- Centralized wind forecasting system
- Integrated wind into economic dispatch system
- Created regulation-only energy storage product

### Ramping & Storage

- Hydro Quebec 15-min. scheduling
- 20 MW AES Battery project
- 20 MW Beacon Power Flywheel project



### **Transmission**

NEW CAPACITY 1290 MW





**STARS** 





### Reliability

- Low load growth
- Reliability needs met through 2020
- New capacity serving NYC/LI region
- Some retirements anticipated

### **Economics/Renewables**

- Order 890 economic planning/CARIS
- FERC-approved beneficiary pays methodology
- STARS process
- EIPC



### Summary

- FERC metrics initiative is assisting us to:
  - Sustain and enhance transparency
  - Identify strengths and gaps in order to address challenges
  - Maintain and bolster collaborative efforts with stakeholders, regulators and policy makers



### Market Performance Highlights for December 2010

- LBMP for December is \$67.32/MWh, up from \$44.96/MWh in November 2010.
  - Average monthly cost is \$69.54/MWh, up from \$46.89/MWh in November 2010.
  - Day Ahead and Real Time LBMPs have increased from November 2010.
- Average daily sendout is 453GWh/day in December, up from 405GWh/day in November 2010 and slightly higher than the December 2009 sendout of 447GWh/day.
- Fuel Prices are up compared to last month.
  - Kerosene is \$18.91/MMBtu, up from \$17.77/MMBtu in November.
  - No. 2 Fuel Oil is \$17.56/MMBtu, up from \$16.51/MBtu in November.
  - No. 6 Fuel Oil is \$14.76/MMBtu, up from \$13.55/MMBtu in November.
  - Natural Gas is \$9.19/MMBtu, up from \$4.1/MMBtu in November.
- Uplift per MWh is higher than the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.10)/MWh, up from (\$0.24)/ MWh in November:
    - The TSA Share is \$0.00/MWh
    - The Local Reliability Share is (\$0.08)/MWh
    - The Other Share is (\$0.02)/MWh
  - Total uplift (Schedule 1 components including NYISO Cost of Operations) is higher than in November.

#### Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2009 Annual Average \$48.68/MWh December 2009 YTD Average \$48.68/MWh December 2010 YTD Average \$58.92/MWh \$240 \$220 \$200 \$180 \$160 \$140 \$120 \$100 \$80 \$60 \$40 \$20 \$0 1/29 3/26 4/23 10/8 2/26 5/21 7/2 2/30 8/27 9/24 10/22 11/5 12/3 12/17 12/31 7 2/1 6/4 2009 2010

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

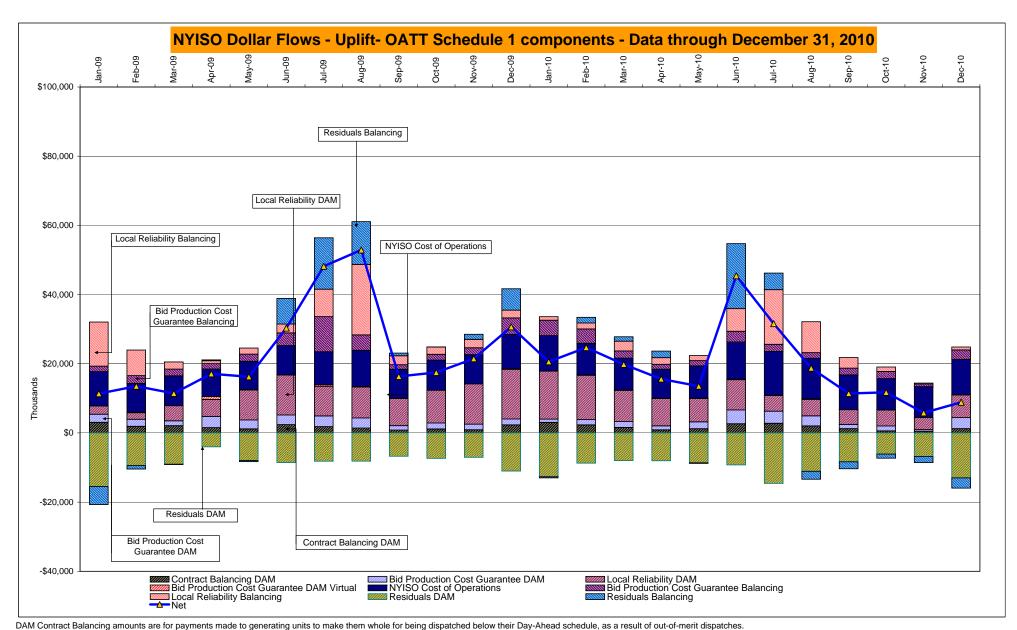
### NYISO Average Cost/MWh (Energy and Ancillary Services)\* from the LBMP Customer point of view

2010	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
LBMP	63.90	52.42	40.18	41.57	48.83	59.12	74.84	65.00	51.32	39.29	44.96	67.32
NTAC	0.70	0.77	0.88	1.18	0.95	1.45	0.95	0.60	0.30	0.45	0.64	0.59
Reserve	0.19	0.17	0.26	0.29	0.32	0.14	0.21	0.18	0.21	0.32	0.25	0.40
Regulation	0.44	0.37	0.40	0.32	0.30	0.31	0.32	0.35	0.27	0.16	0.14	0.16
NYISO Cost of Operations	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
Uplift	0.73	1.21	0.81	0.62	0.32	2.37	1.09	0.43	0.11	0.21	(0.24)	(0.10)
Uplift: TSA Share	-	-	-	-	0.03	0.69	0.30	0.02	0.04	-	-	-
Uplift: Local Reliability Share	0.53	0.71	0.48	0.39	0.19	0.80	0.70	0.31	0.07	0.11	(0.16)	(0.08)
Uplift: Other Share	0.20	0.50	0.33	0.23	0.10	0.88	0.09	0.09	-	0.10	(0.08)	(0.02)
Voltage Support and Black Start _	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Avg Monthly Cost	67.11	56.09	43.70	45.13	51.87	64.55	78.57	67.70	53.37	41.58	46.89	69.54
Aver VTD Coort	07.44	00.00	FC 00	F0 C0	F0 07	FF 40	CO 45	04.00	60.40	50.00	F7.00	F0 00
Avg YTD Cost	67.11	62.03	56.28	53.62	53.27	55.48	60.15	61.29	60.43	58.89	57.99	58.92
2009	January	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
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	0.01	0.48	0.84	0.81	0.05	(0.05)	(0.03)	(0.02)
Uplift: Local Reliability Share	0.15	0.28	0.12	0.22	0.40	0.80	0.96	1.55	0.40	0.45	0.70	0.77
Uplift: Other Share	(0.04)	0.13	0.09	0.43	0.22	0.43	0.86	0.38	0.17	0.30	0.40	0.68
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 January 2011.

Market Mitigation and Analysis Prepared: 1/10/2011 2:23 PM

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



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

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

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

#### **NYISO Markets Transactions**

<u>2010</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	14,034,781	12,593,305	12,922,930	11,769,468	12,795,110	14,263,543	16,608,041	15,536,711	13,386,982	12,377,928	12,151,670	13,790,802
DAM LSE Internal LBMP Energy Sales	49%	46%	47%	53%	47%	49%	53%	51%	47%	43%	45%	46%
DAM External TC LBMP Energy Sales	2%	3%	1%	1%	1%	2%	3%	2%	3%	4%	2%	2%
DAM Bilateral - Internal Bilaterals	41%	43%	43%	39%	44%	42%	38%	40%	43%	45%	46%	45%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	6%	5%	5%	4%	5%	5%	4%	4%	5%	6%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	2%	2%	1%	1%	1%	1%	2%	2%	1%
DAM Bilateral - Wheel Through Bilaterals	2%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%
Balancing Energy Market MWh	377,241	287,393	29,273	-358	341,917	735,317	1,162,369	899,856	698,556	300,222	393,026	530,661
Balancing Energy LSE Internal LBMP Energy Sales	40%	54%	-280%	-25177%	61%	87%	94%	75%	76%	74%	57%	56%
Balancing Energy External TC LBMP Energy Sales	56%	49%	429%	30394%	44%	11%	9%	26%	23%	25%	30%	32%
Balancing Energy Bilateral - Internal Bilaterals	10%	7%	137%	12155%	7%	10%	3%	4%	4%	5%	5%	10%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	2%	63%	1%	0%	0%	0%	1%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%	84%	6409%	6%	3%	1%	2%	3%	8%	7%	3%
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%	-272%	-23944%	-19%	-10%	-7%	-7%	-6%	-12%	0%	-1%
Transactions Summary												<u> </u>
LBMP	52%	50%	49%	54%	50%	54%	59%	56%	53%	48%	48%	49%
Internal Bilaterals	40%	43%	43%	39%	43%	40%	36%	38%	41%	44%	45%	43%
Import Bilaterals	5%	5%	5%	4%	5%	5%	4%	4%	5%	6%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	2%
Wheels Through	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
Market Share of Total Load												
Day Ahead Market	97.4%	97.8%	99.8%	100.0%	97.4%	95.1%	93.5%	94.5%	95.0%	97.6%	96.9%	96.3%
Balancing Energy +	2.6%	2.2%	0.2%	0.0%	2.6%	4.9%	6.5%	5.5%	5.0%	2.4%	3.1%	3.7%
Total MWH	14,412,023	12,880,698	12,952,203	11,769,109	13,137,026	14,998,860		16,436,568	14,085,537	12,678,150	12,544,696	14,321,463
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514	451	393	405	453
2009	January	February	March	Anril	May	.lune	.lulv	August	Sentember	October	November	December
2009	<u>January</u>	February	March	<u>April</u>	<u>May</u>	June	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	14,570,391	12,511,009	13,160,913	12,121,505	12,324,218	13,159,069	14,549,784	15,547,976	12,761,517	12,385,591	12,446,286	14,046,621
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales	14,570,391 45%	12,511,009 44%	13,160,913 46%	12,121,505 47%	12,324,218 43%	13,159,069 48%	14,549,784 51%	15,547,976 53%	12,761,517 53%	12,385,591 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%
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	14,570,391 45% 4% 45% 45% 4% 2% 0%	12,511,009 44% 2% 47% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0%	12,121,505 47% 1% 45% 5% 2% 0%	12,324,218 43% 2% 48% 5% 2% 1%	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% 1%	12,385,591 50% 1% 43% 4% 2% 1%	12,446,286 47% 2% 44% 5% 2% 1%	14,046,621 46% 3% 43% 5% 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	14,570,391 45% 4% 45% 48 2% 0% 699,813	12,511,009 44% 2% 47% 5% 2% 0% 282,553	13,160,913 46% 1% 45% 5% 2% 0% 70,320	12,121,505 47% 1% 45% 5% 2% 0% 152,623	12,324,218 43% 2% 48% 5% 2% 1% 272,508	13,159,069 48% 2% 43% 5% 1% 1% -115,653	14,549,784 51% 1% 42% 5% 1% 1%	15,547,976 53% 1% 40% 5% 1% 1% 560,968	12,761,517 53% 1% 39% 5% 1% 1% 170,324	12,385,591 50% 1% 43% 4% 2% 1% 238,124	12,446,286 47% 2% 44% 5% 2% 1% -165,015	14,046,621 46% 3% 43% 5% 1% 1% 431,981
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% 48 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% 44% 45% 48 22% 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%
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	14,570,391 45% 44% 45% 48 22% 0% 699,813 56% 38% 8%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19%	13,160,913 46% 45% 5% 2% 0% 70,320 -111% 150% 68%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23%	14,549,784 51% 1% 42% 5% 1% 1% 131,797 -99% 140% 53%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 76% 18%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0%	12,446,286 47% 2% 444% 5% 2% 1% -165,015 -124% 55% 6%	14,046,621 46% 3% 43% 5% 1% 1% 431,981 49% 46% 7%
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	14,570,391 45% 4% 45% 4% 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% 1% 131,797 -99% 140% 53% 0%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 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 - 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	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 8% 0% 1%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12%	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%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14%	14,046,621 46% 3% 43% 5% 1% 1% 431,981 49% 46% 7% 0% 8%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals	14,570,391 45% 4% 45% 4% 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% 1% 131,797 -99% 140% 53% 0%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0%	12,761,517 53% 1% 39% 5% 1% 1% 170,324 7% 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 - 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	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% 68% 0% 16% -24%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 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% 66% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 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% 48 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% 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% 66 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% 48 49% 46% 7% 0% 8% -10%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46%	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% -115,653 -247% 141% 23% 2% 8% -27% 49% 44%	14,549,784 51% 42% 5% 1% 11% 131,797 -99% 140% 53% 0% -6%	15,547,976 53% 1% 40% 5% 1% 16 560,968 65% 29% 6% 0% -2%	12,761,517 53% 1% 39% 5% 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% 444% 5% 2% 1% -165,015 -124% 55% 6% 0% 04 -50%	14,046,621 46% 3% 43% 5% 1% 1% 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% 48 45% 48 28 0% 699,813 56% 38% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5%	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% 8% -15% 48% 44% 5%	12,324,218 43% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 44% 47% 5%	13,159,069 48% 2% 43% 5% 1% 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% -6% 51% 42% 5%	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% 170,324 7% 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 9% -16% 52% 42% 4%	12,446,286 47% 2% 444% 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  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals	14,570,391 45% 48 45% 48 28 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% 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% 12% 42% 5% 1% 131,797 -99% 140% 53% 0% -6% 51% 42% 5% 1%	15,547,976 53% 1% 40% 5% 1% 16,560,968 65% 29% 6% 0% -2% 55% 38% 5% 1%	12,761,517 53% 1% 39% 5% 1% 170,324 7% 76% 18% 0% -8% 55% 38% 5% 1%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 9% -16% 52% 42% 44% 2%	12,446,286 47% 2% 444% 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% 48 45% 48 28 0% 699,813 56% 38% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5%	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% 8% -15% 48% 44% 5%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 0% 44% 47% 5%	13,159,069 48% 2% 43% 5% 1% 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% -6% 51% 42% 5%	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% 170,324 7% 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 9% -16% 52% 42% 4%	12,446,286 47% 2% 444% 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  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load	14,570,391 45% 4% 45% 4% 2% 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% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 4% -15% 46% 47% 5% 2% 0%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 1% 0%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0% -2% 55% 38% 5% 1% 1%	12,761,517 53% 1% 39% 5% 1% 170,324 76% 18% 0% 8% -8%	12,385,591 50% 1% 43% 44% 2% 1% 238,124 54% 53% 0% 9% -16%  52% 42% 44% 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% 18 431,981 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  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% 2% 0% 95.4%	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% 19 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% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 6% 0% -2% 555% 38% 5% 1% 1%	12,761,517 53% 1% 39% 5% 1% 170,324 76% 76% 18% 0% 8% -8% 55% 38% 5% 1%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16% 42% 42% 42% 1% 98.1%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 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  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% 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% 97.8% 2.2%	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% 145% 55% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0% 98.8% 1.2%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 4% -15%  46% 47% 5% 2% 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% 42% 5% 1% 18 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1% 1% 10% 10% 10% 10% 10%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 0% 22% -2% 55% 38% 1% 1%	12,761,517 53% 1% 39% 5% 1% 170,324 7% 686 18% 0% 886 -8% 55% 38% 55% 1% 1%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 0% 9% -16% 52% 42% 44% 2% 1% 198	12,446,286 47% 2% 444% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 2% 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  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% 2% 0% 95.4%	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% 19 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% 42% 5% 1% 18 131,797 -99% 140% 53% 0% 12% -6% 51% 42% 5% 1% 1% 1% 10% 10% 10% 10% 10%	15,547,976 53% 1% 40% 5% 1% 1% 560,968 65% 29% 0% 22% -2% 55% 38% 1% 1%	12,761,517 53% 1% 39% 5% 1% 170,324 7% 686 18% 0% 886 -8% 55% 38% 55% 1% 1%	12,385,591 50% 1% 43% 4% 2% 1% 238,124 54% 53% 0% 0% 9% -16% 42% 42% 42% 1% 98.1%	12,446,286 47% 2% 44% 5% 2% 1% -165,015 -124% 55% 6% 0% 14% -50% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 431,981 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1%

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

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

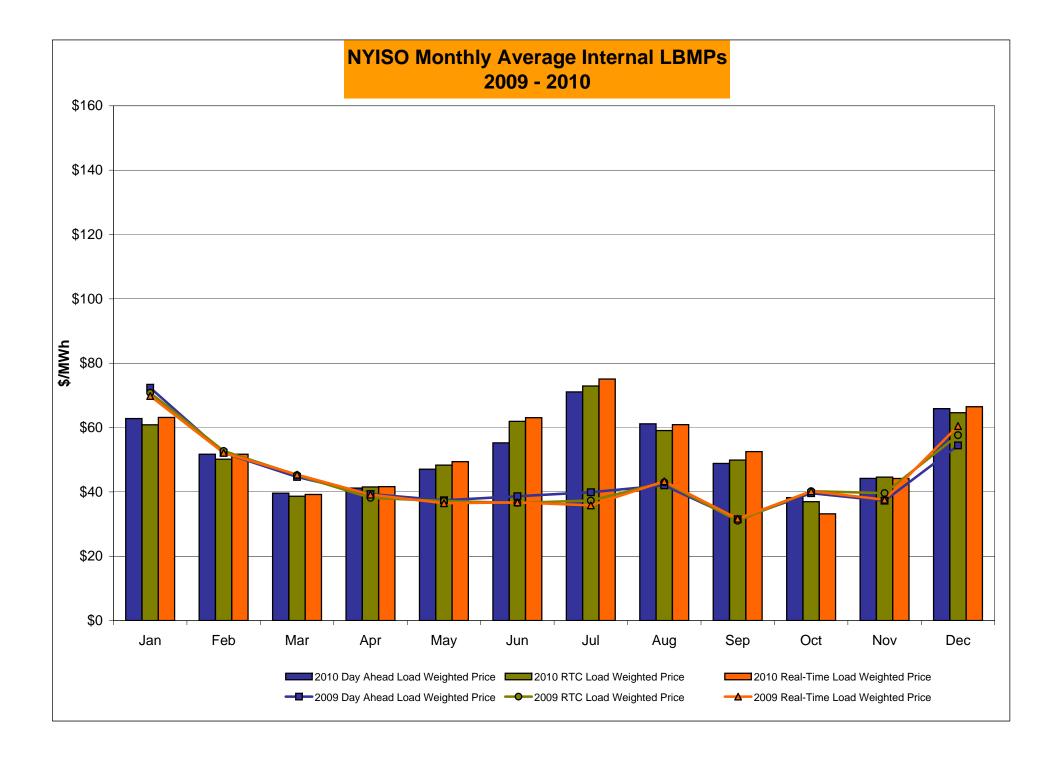
Market Monitoring Prepared: 1/10/2011 2:20 PM

<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 AUFAD 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>
DAY AHEAD LBMP Price *	\$60.96	\$50.47	\$38.69	\$40.13	\$45.29	\$52.71	\$66.67	\$57.80	\$46.64	\$37.10	\$43.31	\$63.69
Standard Deviation	\$20.86	\$13.07	\$7.78	\$8.09	\$11.45	\$16.14	\$28.01	\$21.60	\$13.36	\$8.27	\$7.59	\$22.45
Load Weighted Price **	\$62.80	\$51.71	\$39.60	\$41.18	\$47.04	\$55.22	\$71.08	\$61.16	\$48.85	\$38.21	\$44.20	\$65.87
DTC I DMD												
RTC LBMP Price *	\$59.32	\$49.38	\$37.94	\$40.58	\$46.70	\$58.69	\$68.36	\$55.78	\$47.79	\$35.78	\$43.67	\$62.82
Standard Deviation	\$33.92	\$24.97	\$14.48	\$13.84	\$21.47	\$58.47	\$51.68	\$48.01	\$21.55	\$21.49	\$17.26	\$35.62
Load Weighted Price **	\$60.85	\$50.16	\$38.64	\$41.54	\$48.31	\$61.91	\$72.92	\$59.07	\$49.88	\$36.95	\$44.59	\$64.61
Load Weighted Finde	ψ00.03	ψ50.10	ψ30.04	Ψ41.04	ψ <del>4</del> 0.51	ψ01.31	Ψ1 2.32	ψυθ.01	ψ43.00	ψ30.33	ψ <del>44</del> .53	ψ04.01
REAL TIME LBMP												
Price *	\$60.40	\$50.45	\$38.09	\$40.49	\$47.17	\$58.49	\$69.42	\$56.28	\$49.38	\$34.57	\$43.04	\$64.06
Standard Deviation	\$42.06	\$30.38	\$19.24	\$17.00	\$28.15	\$56.05	\$56.60	\$41.46	\$32.03	\$27.89	\$16.63	\$44.71
Load Weighted Price **	\$63.13	\$51.69	\$39.19	\$41.62	\$49.38	\$63.06	\$75.08	\$60.89	\$52.51	\$36.23	\$44.16	\$66.48
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491	558	514	451	393	405	453
							<b>.</b>					
				NYISO	Markets	2009 Ene	rgy Stati	stics_				
	Januarv	Februarv	March						September	October	November	December
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	<u>March</u>	<u>NYISO</u> <u>April</u>	Markets May	<u> June</u>	<u>July</u>	<u>August</u>	September	October	November	December
DAY AHEAD LBMP Price *	<del></del>			<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
	<del></del>			<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August				
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	April \$38.19 \$9.26 \$39.31	May \$36.13 \$8.91 \$37.38	<u>June</u> \$37.01 \$10.07 \$38.64	July \$37.93 \$11.53 \$39.88	<u>August</u> \$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	April \$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 \$35.97	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	\$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 *	\$70.53 \$19.46 \$72.36	\$50.89 \$13.06 \$52.15	\$43.34 \$12.24 \$44.64 \$43.88	April \$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 \$35.97	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	\$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	\$37.01 \$10.07 \$38.64 \$35.15 \$20.07 \$36.57	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 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
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation Load Weighted Price **  REAL TIME LBMP Price * Standard Deviation	\$70.53 \$19.46 \$72.36 \$69.26 \$23.37 \$70.80 \$68.14 \$23.66	\$50.89 \$13.06 \$52.15 \$51.46 \$21.26 \$52.72 \$50.62 \$20.30	\$43.34 \$12.24 \$44.64 \$43.88 \$20.38 \$45.21 \$43.73 \$22.27	\$38.19 \$9.26 \$39.31 \$37.06 \$15.20 \$38.14 \$37.72 \$20.84	May \$36.13 \$8.91 \$37.38 \$36.18 \$12.48 \$37.16 \$35.11 \$19.81	\$37.01 \$10.07 \$38.64 \$35.15 \$20.07 \$36.57 \$34.92 \$29.81	\$37.93 \$11.53 \$39.88 \$35.97 \$17.38 \$37.29 \$34.13 \$23.16	\$39.80 \$13.37 \$42.03 \$40.81 \$23.89 \$42.97 \$40.40 \$25.84	\$30.27 \$8.77 \$31.48 \$30.04 \$12.77 \$31.04 \$30.36 \$16.66	\$38.35 \$11.41 \$39.59 \$38.87 \$24.97 \$40.22 \$38.46 \$28.61	\$36.20 \$8.92 \$37.25 \$38.70 \$18.60 \$39.62 \$36.43 \$17.84	\$52.90 \$15.12 \$54.44 \$56.09 \$35.17 \$57.62 \$57.99 \$40.84
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

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

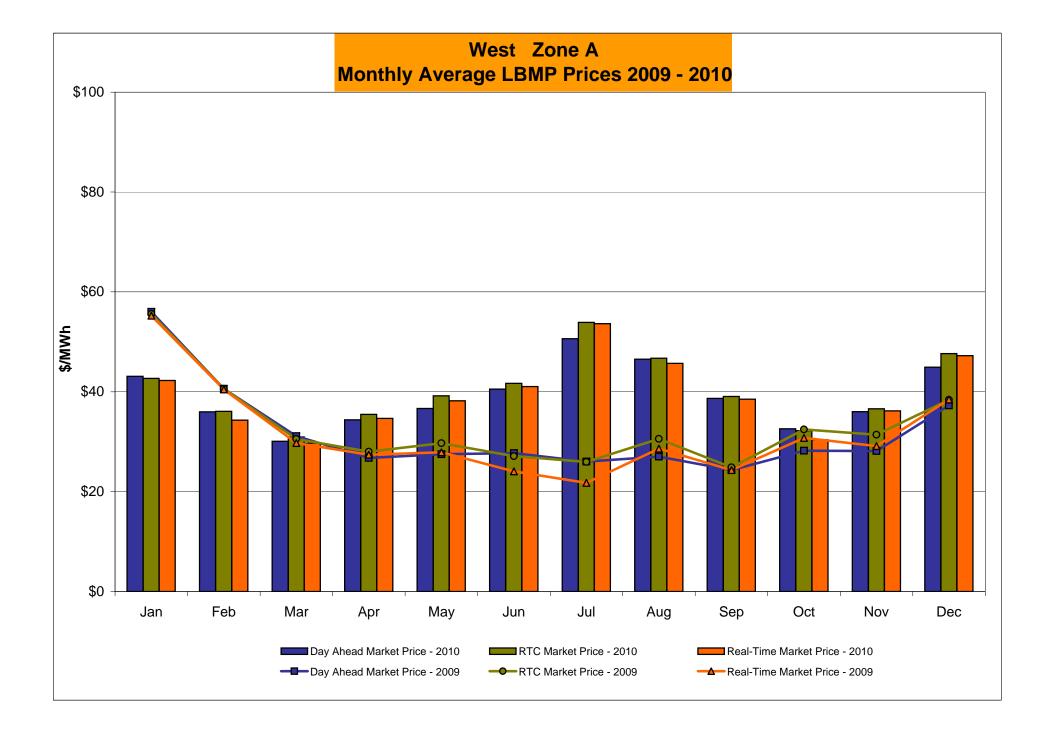


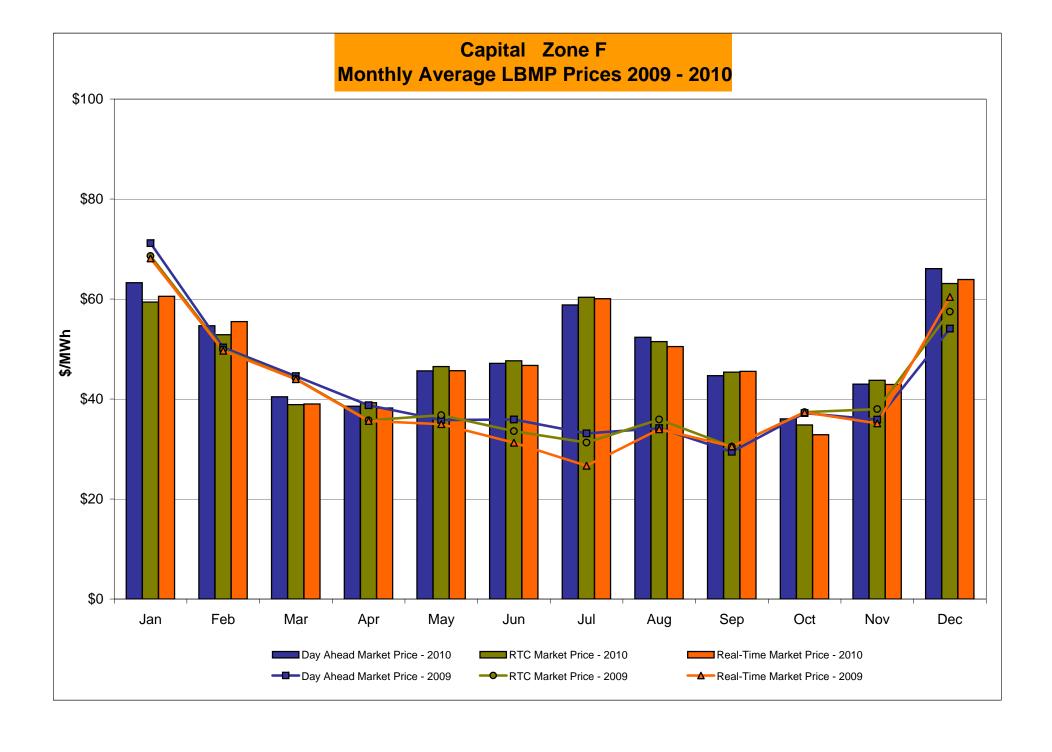
#### December 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

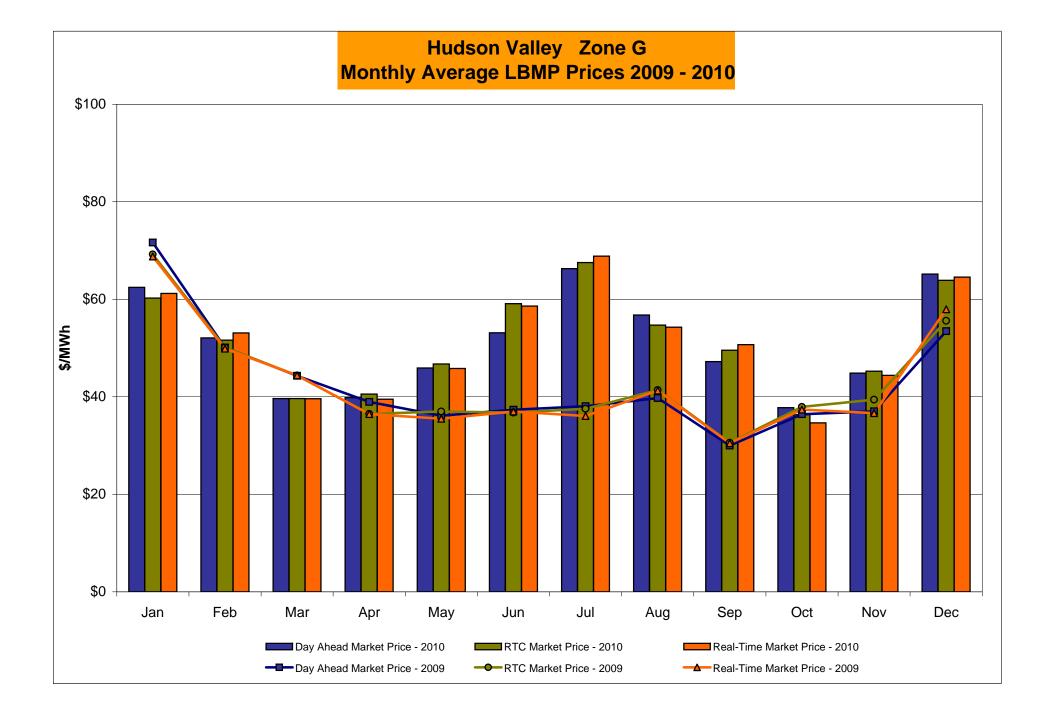
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE  Zone I	NEW YORK CITY Zone J	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	44.91	49.25	49.38	50.91	53.12	66.07	65.17	65.29	65.32	71.79	77.55
Standard Deviation	13.60	12.78	12.95	13.43	14.27	26.68	23.30	23.57	23.49	28.94	32.76
RTC LBMP											
Unweighted Price *	47.64	52.00	51.68	53.76	55.75	63.10	63.91	64.02	64.03	67.52	77.83
Standard Deviation	29.52	30.71	31.43	31.70	33.04	37.46	36.92	37.08	37.04	39.21	47.47
REAL TIME LBMP											
Unweighted Price *	47.23	51.39	50.92	53.18	55.13	63.89	64.57	64.74	64.75	70.49	81.21
Standard Deviation	34.71	36.17	36.52	37.49	39.07	48.78	46.71	47.07	46.99	53.74	60.56
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	РЈМ	NEW ENGLAND	CROSS SOUND CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	Dennison	
	-	QUEBEC	QUEBEC	РЈМ		SOUND	NORWALK Controllable	NEPTUNE Controllable	LINDEN VFT	Dennison Controllable	
	-	QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP	IESO Zone O	QUEBEC (Wheel)	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price *	<b>Zone O</b> 46.55	QUEBEC (Wheel) Zone M 49.35	QUEBEC (Import/Export)  Zone M  49.16	<b>Zone P</b> 58.09	ENGLAND  Zone N  65.07	SOUND CABLE Controllable Line	NORWALK Controllable Line 74.55	Controllable Line 75.14	Controllable Line 63.39	Controllable Line 48.85	
	IESO Zone O	QUEBEC (Wheel)	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price * Standard Deviation  RTC LBMP	Zone O 46.55 11.30	QUEBEC (Wheel) <u>Zone M</u> 49.35 12.58	QUEBEC (Import/Export)  Zone M  49.16 12.53	<b>Zone P</b> 58.09 19.53	ENGLAND  Zone N  65.07 24.58	SOUND CABLE Controllable Line 75.91 31.76	NORWALK Controllable Line 74.55 31.20	Controllable Line 75.14 31.42	Controllable Line 63.39 21.07	Controllable Line 48.85 12.48	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	Zone O 46.55 11.30	QUEBEC (Wheel)  Zone M  49.35 12.58	QUEBEC (Import/Export)  Zone M  49.16 12.53	<b>Zone P</b> 58.09 19.53	ENGLAND  Zone N  65.07 24.58	SOUND CABLE Controllable Line 75.91 31.76	NORWALK Controllable Line 74.55 31.20	75.14 31.42	Controllable Line 63.39 21.07	48.85 12.48	
Unweighted Price * Standard Deviation  RTC LBMP	Zone O 46.55 11.30	QUEBEC (Wheel) <u>Zone M</u> 49.35 12.58	QUEBEC (Import/Export)  Zone M  49.16 12.53	<b>Zone P</b> 58.09 19.53	ENGLAND  Zone N  65.07 24.58	SOUND CABLE Controllable Line 75.91 31.76	NORWALK Controllable Line 74.55 31.20	Controllable Line 75.14 31.42	Controllable Line 63.39 21.07	Controllable Line 48.85 12.48	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation  REAL TIME LBMP	IESO  Zone O  46.55 11.30  43.72 14.29	QUEBEC (Wheel) Zone M 49.35 12.58 36.46 105.32	QUEBEC (Import/Export)  Zone M  49.16 12.53  35.88 105.24	<b>Zone P</b> 58.09 19.53 53.82 18.45	ENGLAND  Zone N  65.07 24.58  56.82 19.71	SOUND CABLE Controllable Line 75.91 31.76 72.17 35.72	NORWALK Controllable Line 74.55 31.20 71.19 34.98	75.14 31.42 70.98 34.60	63.39 21.07 57.97 21.33	48.85 12.48 45.62 17.27	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation	Zone O 46.55 11.30	QUEBEC (Wheel)  Zone M  49.35 12.58	QUEBEC (Import/Export)  Zone M  49.16 12.53	<b>Zone P</b> 58.09 19.53	ENGLAND  Zone N  65.07 24.58	SOUND CABLE Controllable Line 75.91 31.76	NORWALK Controllable Line 74.55 31.20	75.14 31.42	Controllable Line 63.39 21.07	48.85 12.48	

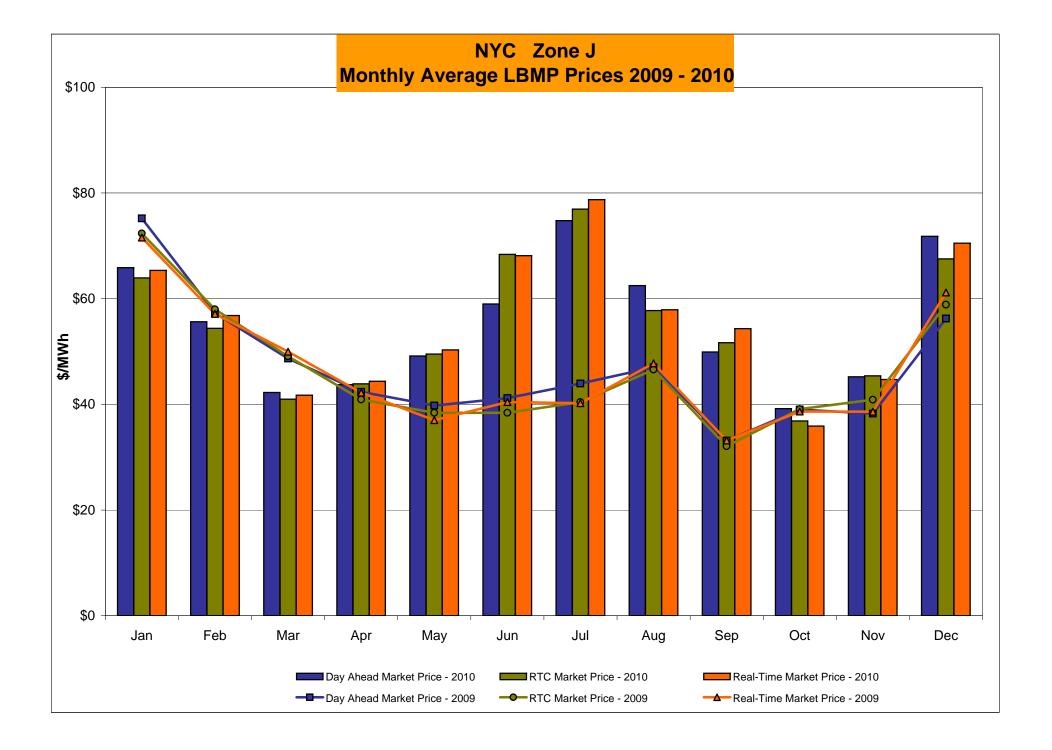
Market Mitigation and Analysis Prepared: 1/11/2011 12:40 PM

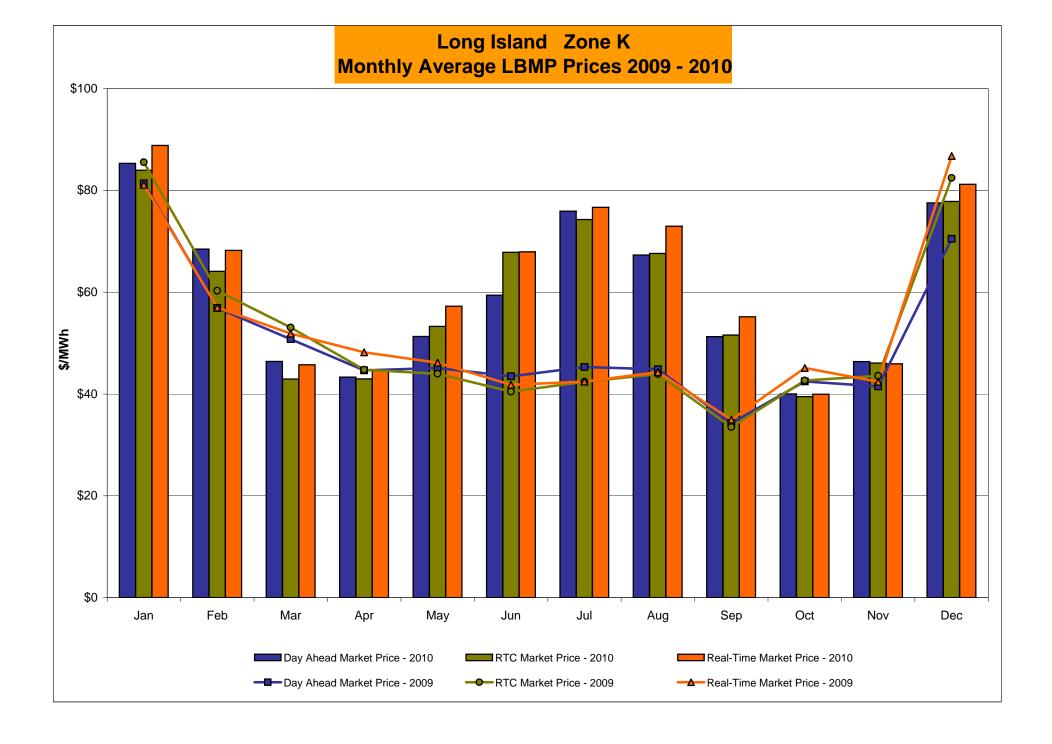
<sup>\*</sup> Straight LBMP averages

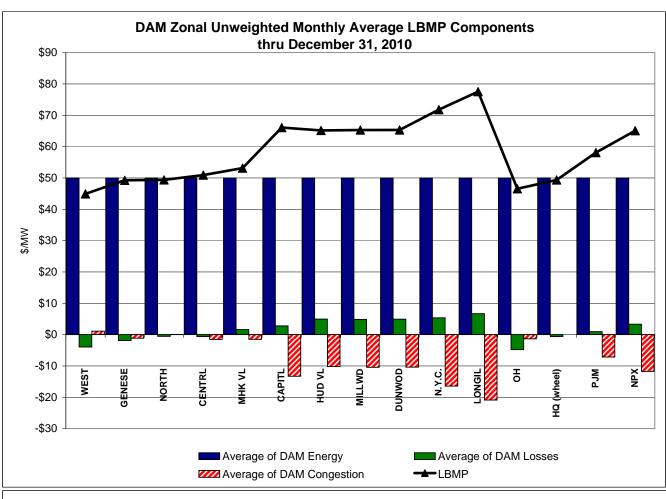


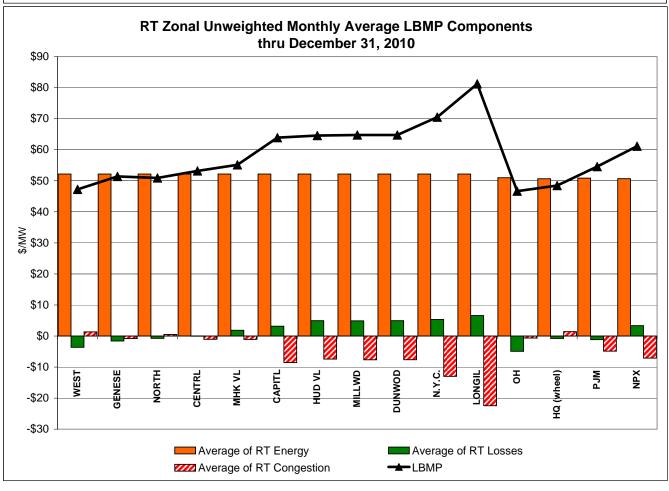




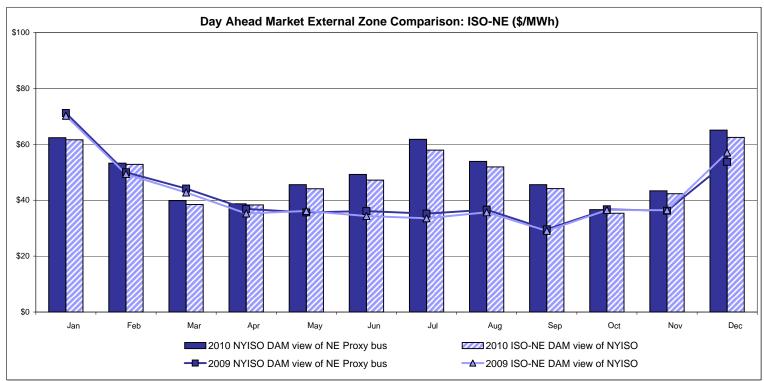


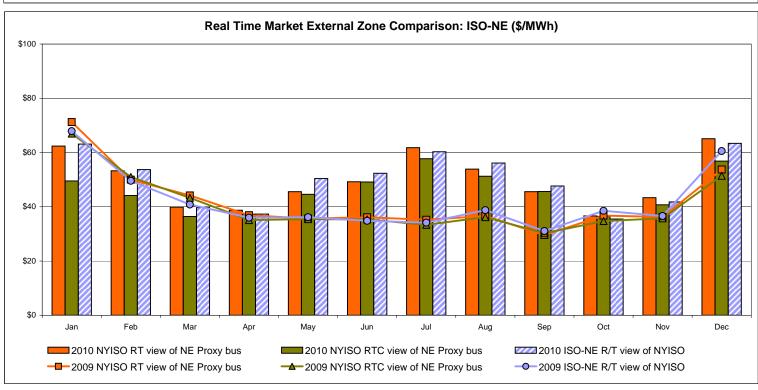




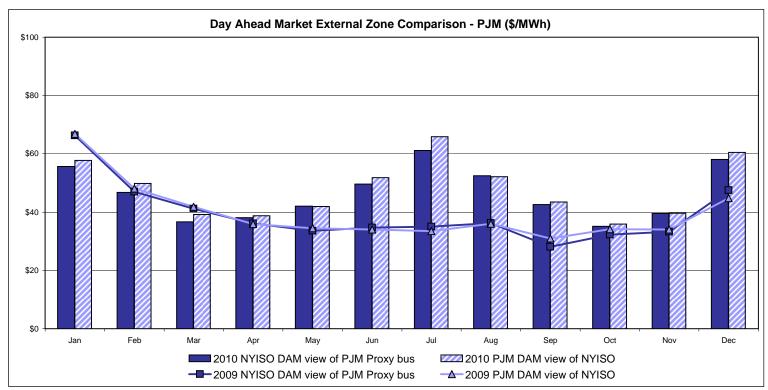


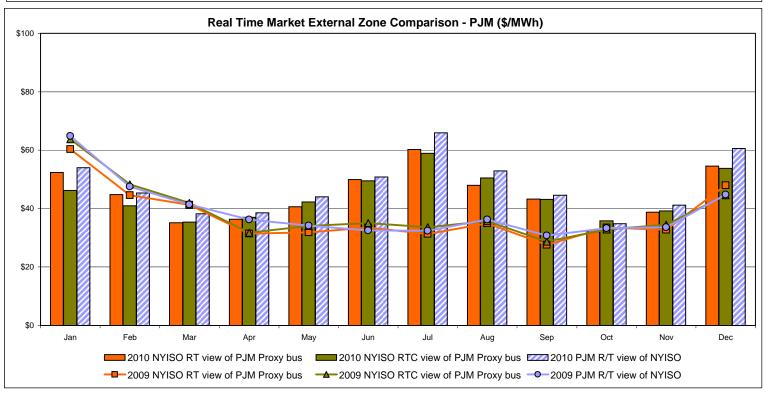
### **External Comparison ISO-New England**



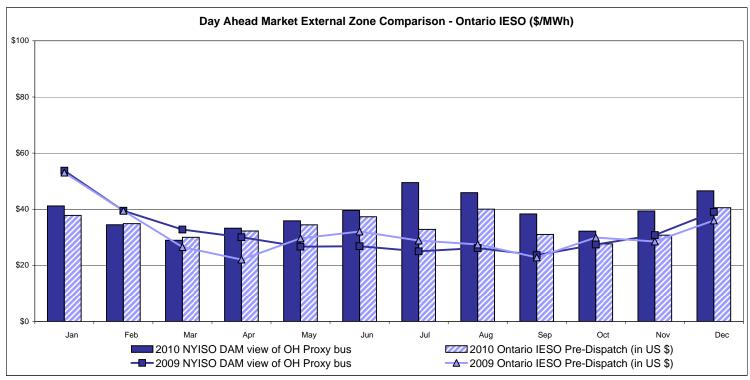


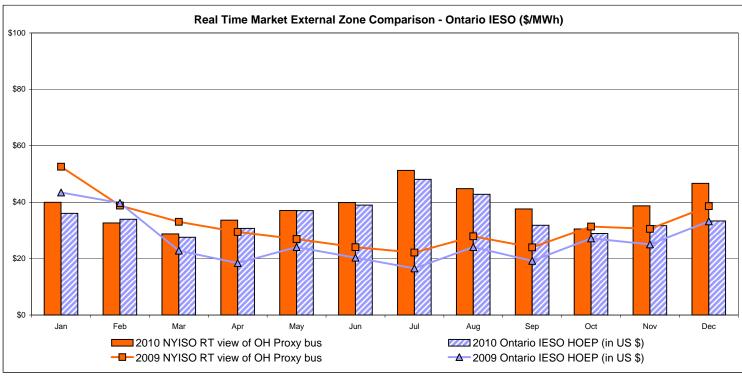
#### **External Comparison PJM**





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

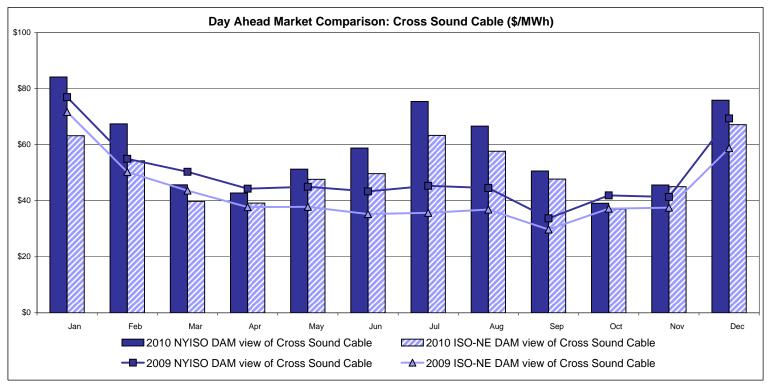


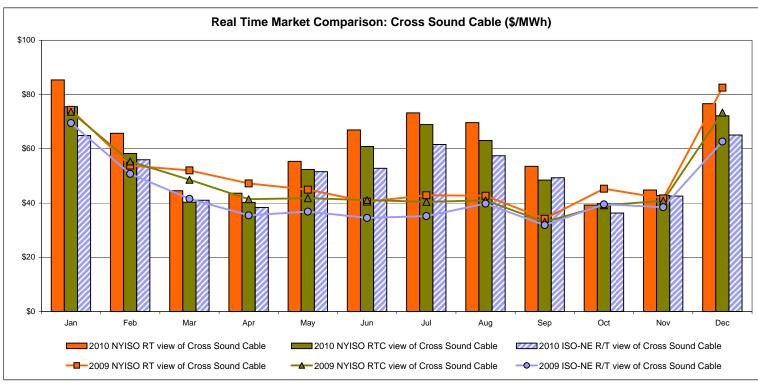


Notes: Exchange factor used for December 2010 was 0.99 to US \$

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

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





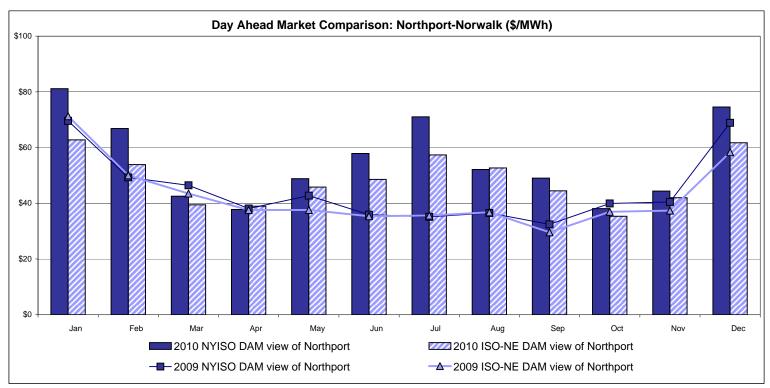
#### Note:

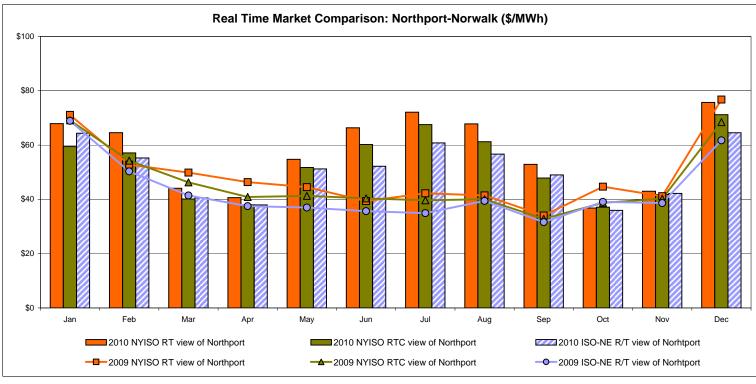
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





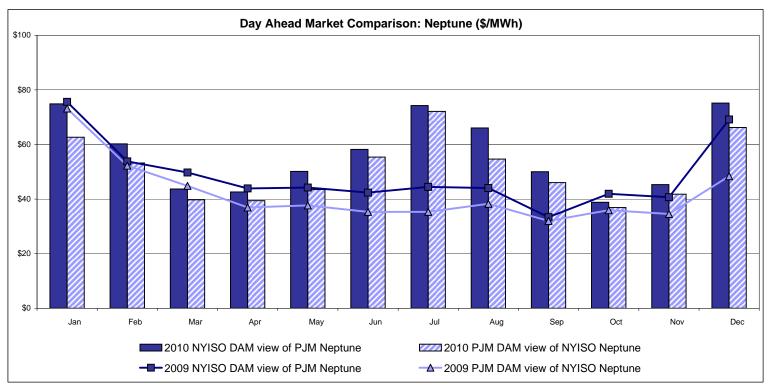
#### Note:

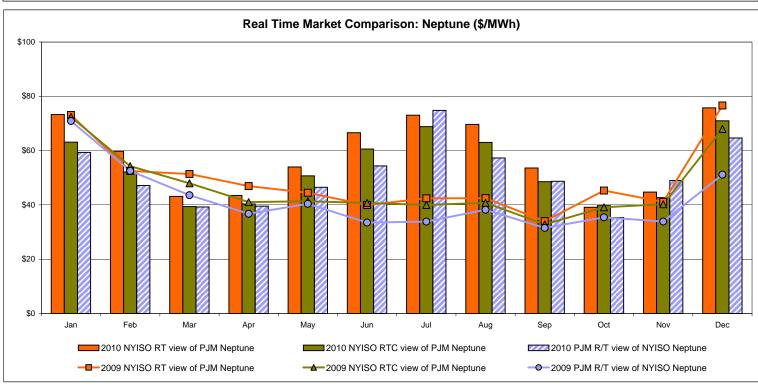
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

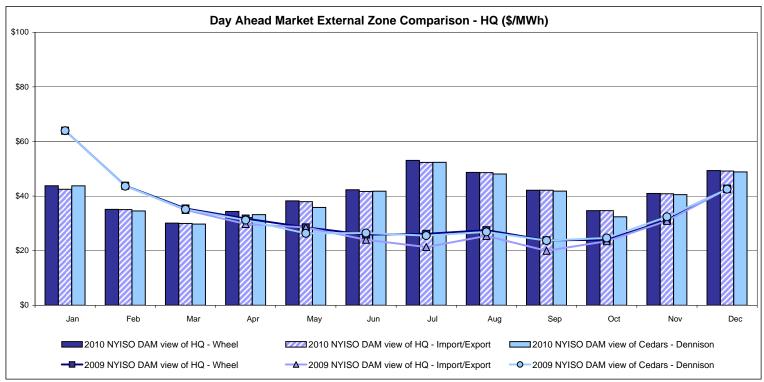
The DAM and R/T prices at the 1385 interface are used for NYISO.

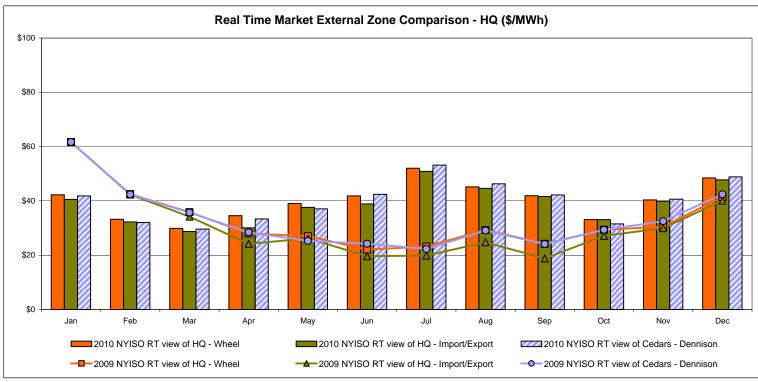
### **External Controllable Line: Neptune (PJM)**





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

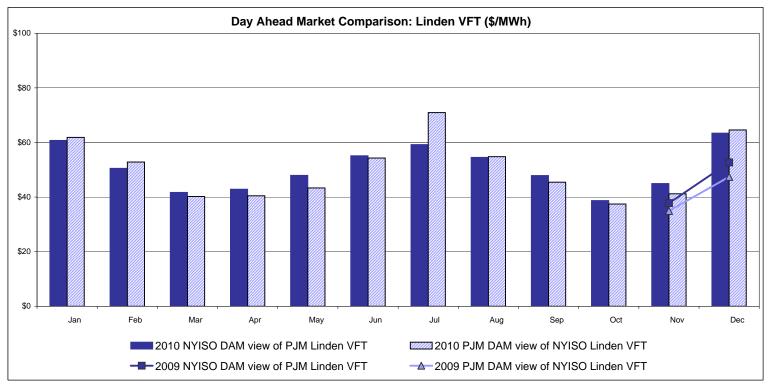


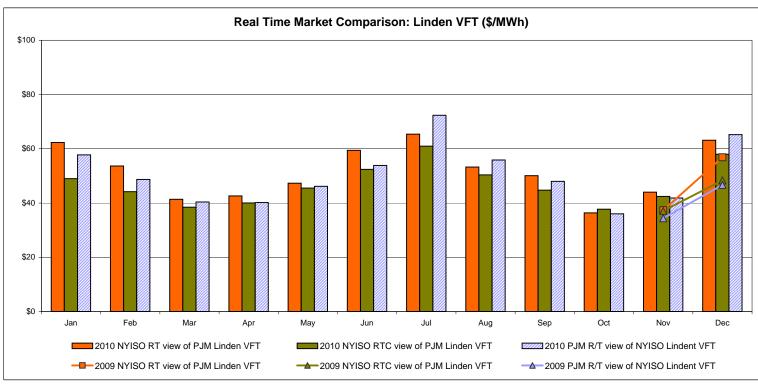


Note:

Hydro-Quebec Prices are unavailable.

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





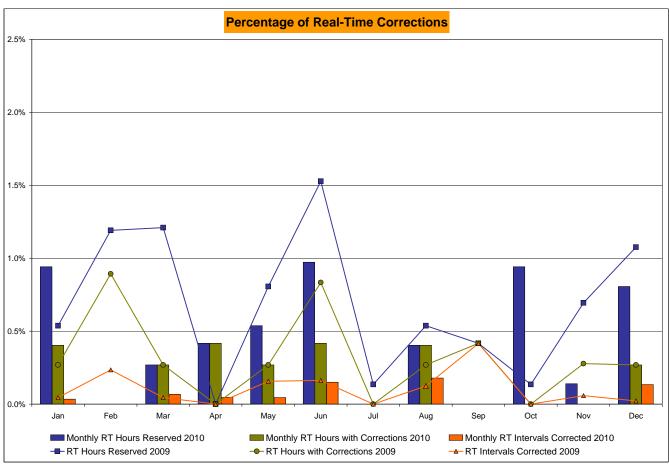
Note: Linden VFT Scheduled Line Data available beginning 11/1/2009.

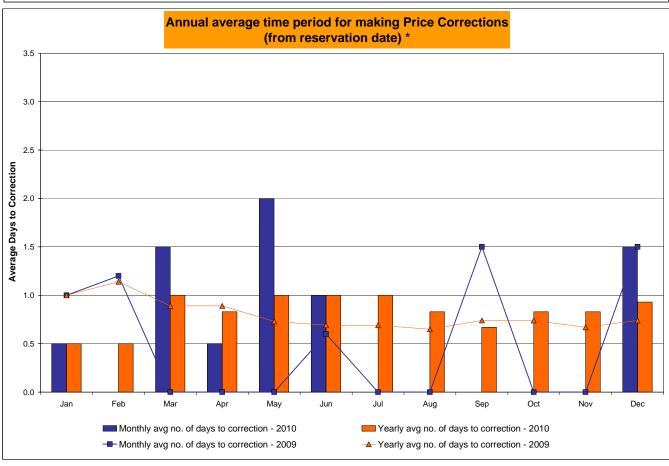
#### **NYISO Real Time Price Correction Statistics**

2010 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>	September	<u>October</u>	November	December
Number of hours with corrections	in the month	3	0	2	3	2	3	0	3	0	0	0	2
Number of hours	in the month	744	672	744	720	744	720	744	744	720	744	720	744
% of hours with corrections	in the month	0.40%	0.00%	0.27%	0.42%	0.27%	0.42%	0.00%	0.40%	0.00%	0.00%	0.00%	0.27%
% of hours with corrections	year-to-date	0.40%	0.21%	0.23%	0.28%	0.28%	0.30%	0.26%	0.27%	0.24%	0.22%	0.20%	0.21%
Interval Corrections	you. to date	01.1070	0.2.70	0.2070	0.2070	0.2070	0.0070	0.2070	0.2.70	0.2 . 70	0.22,0	0.2070	0.2.70
Number of intervals corrected	in the month	3	0	6	4	4	13	0	16	0	0	0	12
Number of intervals	in the month	8,934	8.057	8,913	8.640	8,946	8.660	8.955	8.955	8,654	8,944	8,657	8.945
% of intervals corrected	in the month	0.03%	0.00%	0.07%	0.05%	0.04%	0.15%	0.00%	0.18%	0.00%	0.00%	0.00%	0.13%
% of intervals corrected	year-to-date	0.03%	0.02%	0.03%	0.04%	0.04%	0.06%	0.05%	0.07%	0.06%	0.05%	0.05%	0.06%
Hours Reserved	year-to-date	0.03%	0.02%	0.03%	0.04%	0.04%	0.06%	0.05%	0.07%	0.06%	0.05%	0.05%	0.06%
Number of hours reserved	in the month	7	0	2	3	4	7	0	3	0	7	1	6
Number of hours	in the month	744	672	744	720	744	720	744	744	720	744	720	744
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.42%	0.54%	0.97%	0.00%	0.40%	0.00%	0.94%	0.14%	0.81%
% of flours reserved	in the month	0.94 /0	0.00%	0.27 /6	0.4276	0.34 /6	0.97 %	0.0076	0.40%	0.00%	0.94 /6	0.1476	0.61%
% of hours reserved	year-to-date	0.94%	0.49%	0.42%	0.42%	0.44%	0.53%	0.45%	0.45%	0.40%	0.45%	0.42%	0.46%
Days to Correction *													
Avg. number of days to correction	in the month	0.50	0.00	1.50	0.50	2.00	1.00	0.00	0.00	0.00	0.00	0.00	1.50
Avg. number of days to correction	year-to-date	0.50	0.50	1.00	0.83	1.00	1.00	1.00	0.83	0.67	0.83	0.83	0.93
Days Without Corrections													
Days without corrections	in the month	29	28	29	28	30	28	31	29	30	31	30	29
Days without corrections	year-to-date	29	57	86	114	144	172	203	232	262	293	323	352
2009		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
Hour Corrections		·	<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  Number of hours with corrections  Number of hours	in the month	2 744	6 672	 2 744	0 720	2 744	6 720	0 744	2 744	3 720	0 744	2 720	2 744
Hour Corrections  Number of hours with corrections		2	6	2	0	2	6	0	2	3	0	2	2
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month	2 744	6 672	 2 744	0 720	2 744	6 720	0 744	2 744	3 720	0 744	2 720	2 744
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	2 744 0.27% 0.27%	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	2 744 0.27% 0.34%	3 720 0.42% 0.35%	0 744 0.00% 0.32%	2 720 0.28% 0.31%	2 744 0.27% 0.31%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27%	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	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	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	in the month in the month year-to-date in the month	2 744 0.27% 0.27%	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	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 % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 4 8,966	6 672 0.89% 0.56%	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 year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744	3 720 0.42% 0.35% 36 8,656 0.42% 0.13%	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 year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744	3 720 0.42% 0.35% 36 8,656 0.42% 0.13%	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	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4 744 0.54%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved	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 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% 1.00 1.00	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97% 0.00 0.89	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75% 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%	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% 0.00	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  Days to Correction  Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4 744 0.54% 0.54%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53% 0.87%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.70%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68%

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

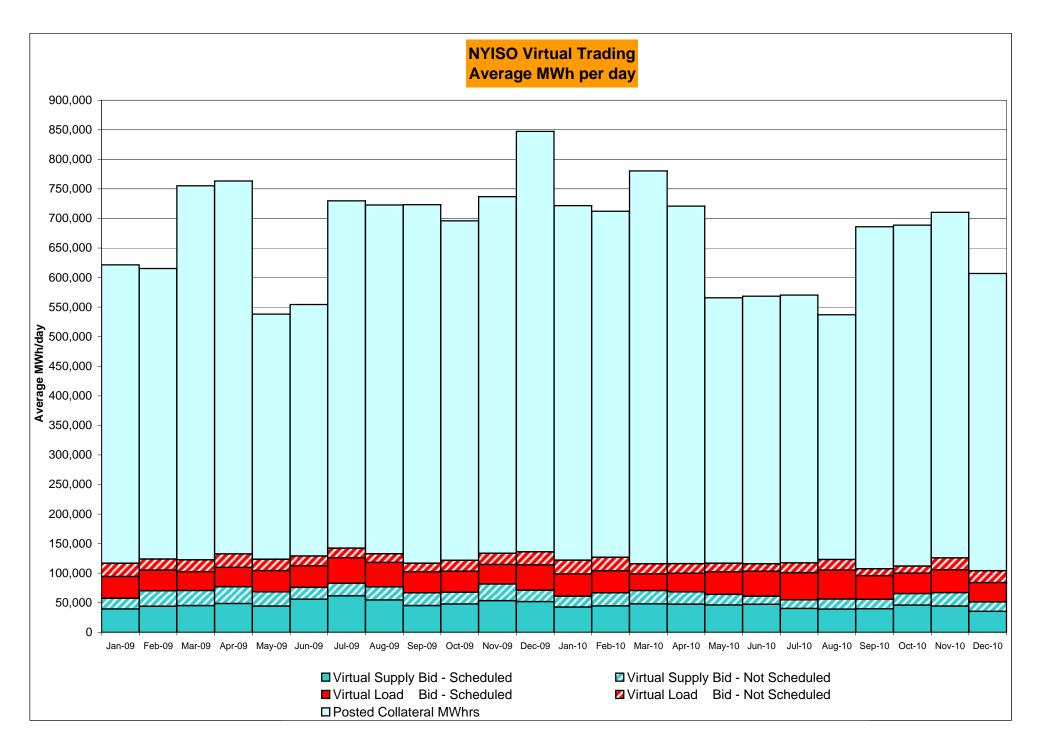
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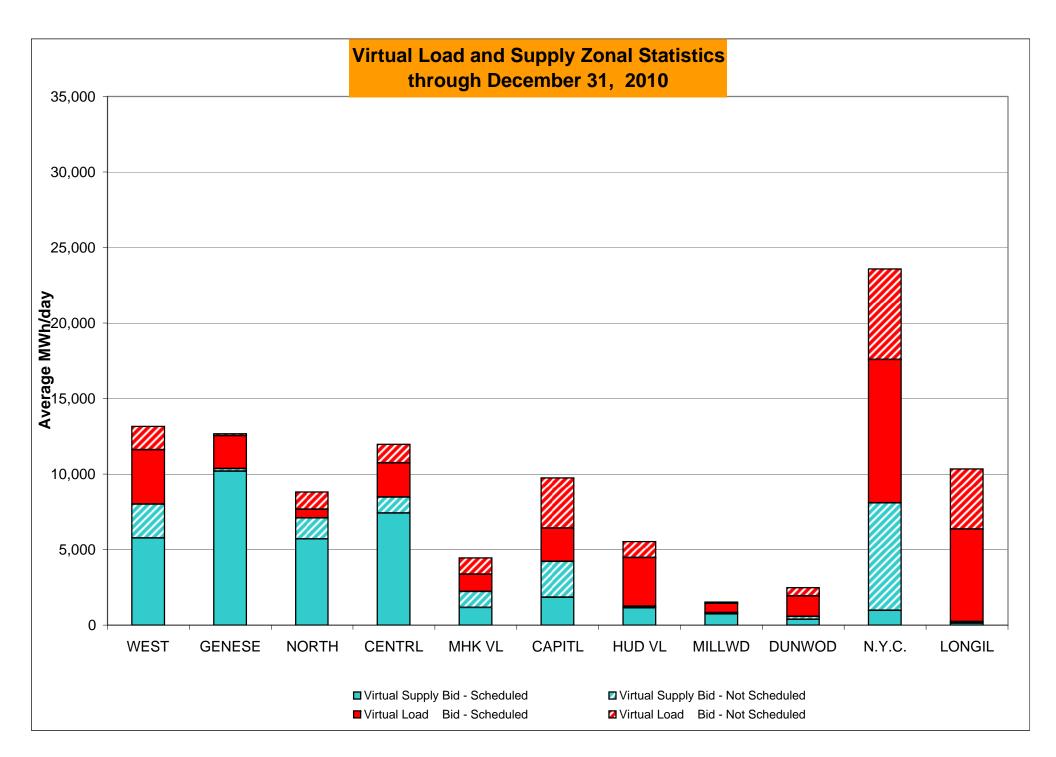




<sup>\*</sup> Calendar days from reservation date.

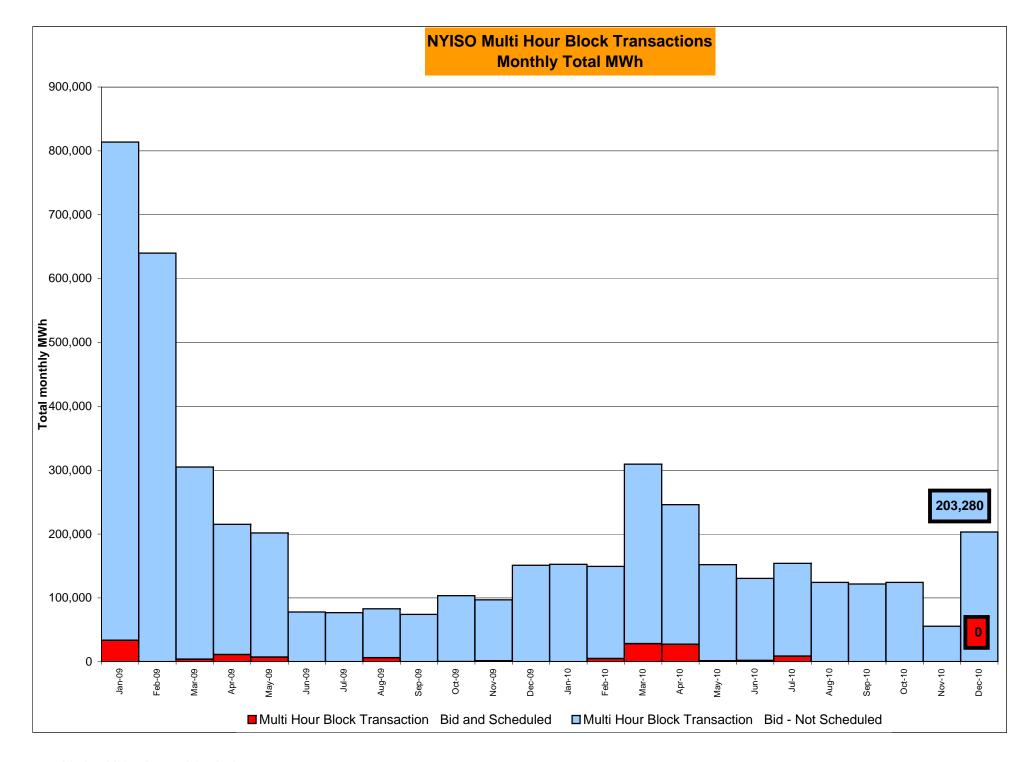
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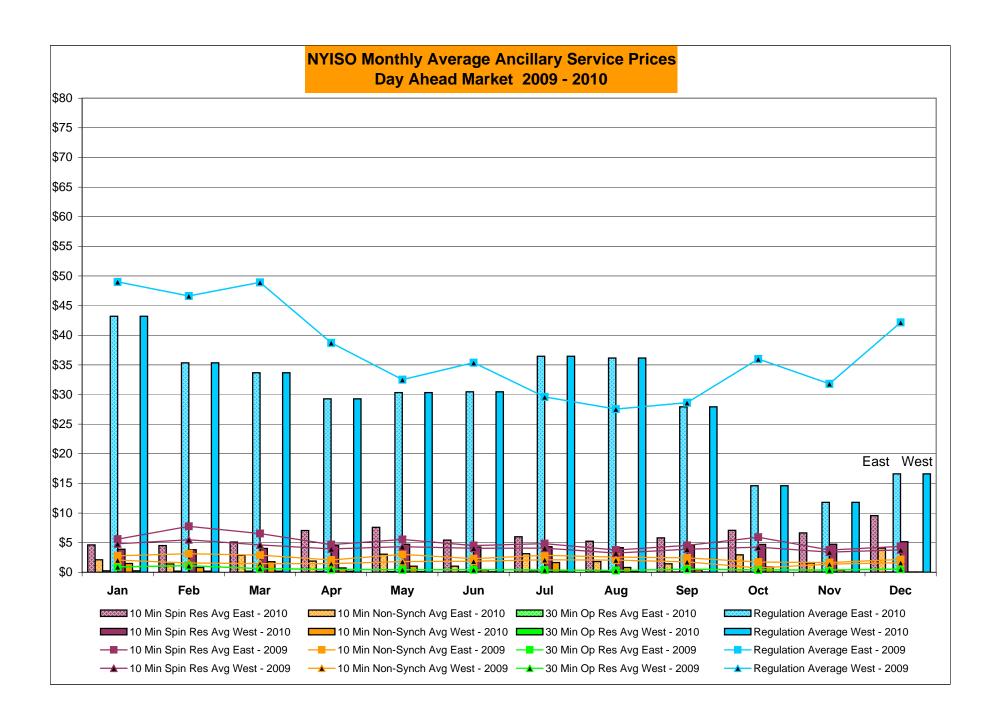


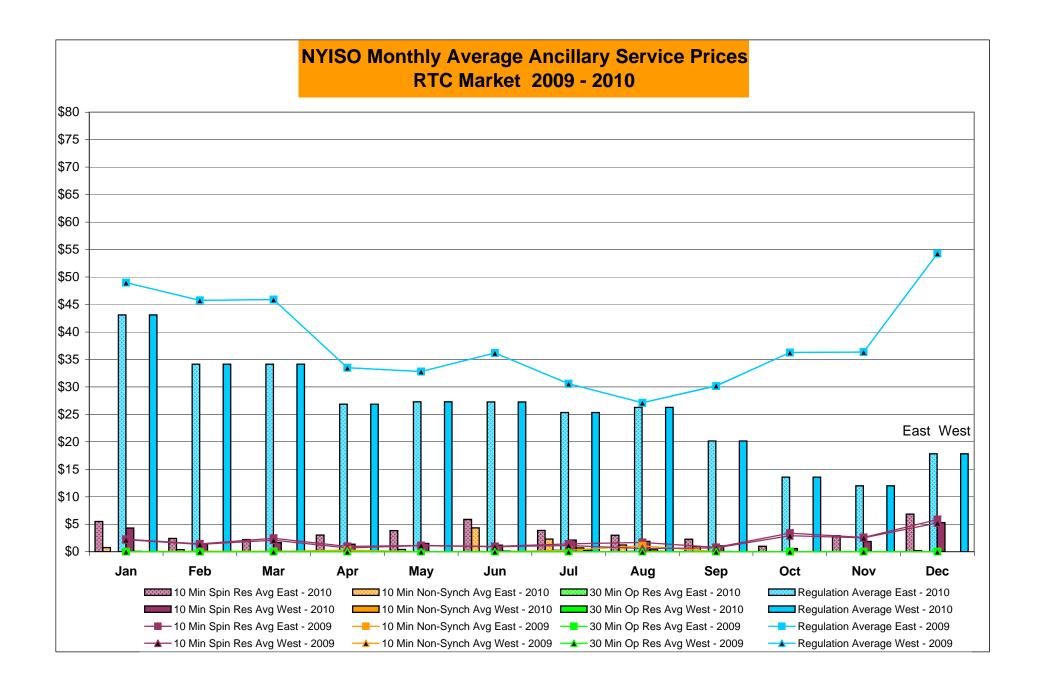


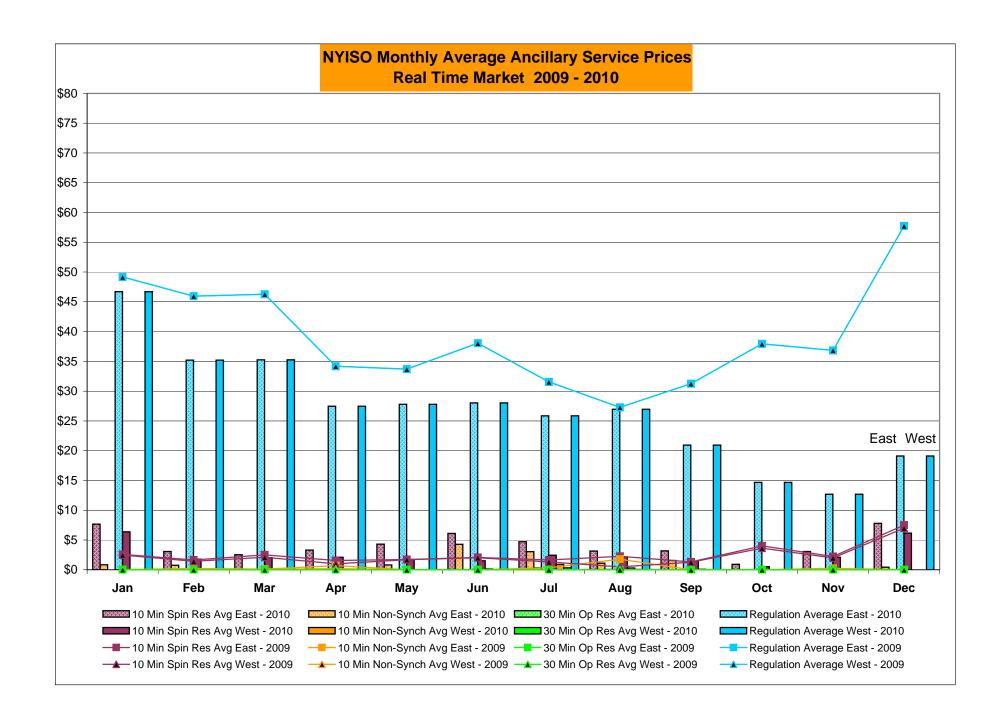
## Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2010 Virtual Load Bid Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Not Not Not Not Not Not Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Scheduled Scheduled Scheduled Scheduled Zone Date Zone Zone Date WEST MHK VL DUNWOD Jan-10 2,369 639 7,053 1,096 Jan-10 566 1,360 1,944 1,812 Jan-10 1,366 715 1,007 493 1,812 1.782 1.503 2.602 1.507 1.229 Feb-10 5.731 Feb-10 900 1.327 Feb-10 852 615 463 Mar-10 1,878 500 7,531 2,586 Mar-10 2,071 1,405 1,835 1,399 Mar-10 778 691 818 372 4,158 430 9.060 1,963 Apr-10 1,389 1.264 2.449 1,195 Apr-10 550 537 680 383 Apr-10 293 May-10 1,877 747 11,295 2,086 May-10 895 1,207 1,941 976 May-10 3,050 580 429 2.097 377 11.824 1.098 868 965 2.026 691 Jun-10 5.995 1.048 341 78 Jun-10 Jun-10 Jul-10 3.749 744 8.176 1,118 Jul-10 858 1.187 1,163 1.160 Jul-10 6,595 1,581 400 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-10 311 49 3,033 10,028 1,885 1,272 949 1,519 953 2,645 526 Sep-10 351 Sep-10 Oct-10 1,556 48 11,838 2,783 Oct-10 898 922 1,324 1.099 Oct-10 1,692 201 312 18 5,258 882 922 1,334 Nov-10 4,394 9,785 8,311 Nov-10 764 Nov-10 1,961 249 568 Dec-10 3.604 1.542 5.760 2.247 Dec-10 1,138 1.086 1.170 1.054 Dec-10 1.355 533 384 197 GENESE N.Y.C. Jan-10 1,307 507 6,615 438 CAPITL Jan-10 3,858 3,282 1,918 1,988 Jan-10 9,721 6,433 4,216 7,305 Feb-10 1.868 599 9.495 497 Feb-10 3.189 3.547 1.880 2.918 Feb-10 11.568 5.863 4.477 8.219 Mar-10 427 10,627 589 Mar-10 2,368 3,219 Mar-10 9,745 687 7,785 1,081 3,502 1,815 3,891 2.782 375 8.112 406 Apr-10 2.080 4.197 2.767 Apr-10 4.195 1.041 7.812 Apr-10 3.213 8.167 May-10 1,205 125 10,560 216 May-10 2,950 3,006 2,637 2,513 May-10 13,756 4,206 475 7,048 Jun-10 1,239 58 9,232 111 Jun-10 1,331 2.982 5.023 2.681 Jun-10 13,872 2.305 444 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 2,811 3,113 421 7,731 3,083 4.081 Aug-10 15,545 990 Aug-10 599 Aug-10 1,966 2,439 6,385 Sep-10 2,259 66 9,310 315 Sep-10 2,082 2,981 2,767 2,635 Sep-10 12,118 1,863 938 6,841 Oct-10 1.705 10.695 222 Oct-10 1.326 2.939 2.339 2.927 Oct-10 13.055 3.059 335 7.182 Nov-10 3.494 488 11.211 295 Nov-10 1.067 2.930 2.566 2.285 Nov-10 10.283 4.111 701 7.328 122 153 973 Dec-10 2,193 10,199 Dec-10 2,202 3,313 1,843 2,383 Dec-10 9,493 5,998 7,125 LONGIL NORTH Jan-10 371 910 8,227 1.944 HUD VL Jan-10 9,362 1.921 2,611 911 Jan-10 7,706 5,282 946 254 946 1,438 9,552 1,793 1,513 847 Feb-10 Feb-10 5,602 1,774 2,178 Feb-10 7,375 3,929 591 Mar-10 1.143 1.259 11.701 2.063 Mar-10 1.631 1.015 3.149 456 Mar-10 6.118 2.380 592 410 Apr-10 Apr-10 1,425 1,245 10,390 2,780 2,073 1,240 4,047 1,220 Apr-10 5,689 1,983 421 527 May-10 1,777 1,082 9.295 2.344 May-10 3.294 344 1,432 338 May-10 7.397 1,823 238 110 9,413 367 227 Jun-10 715 941 1,354 Jun-10 5,270 1,773 194 Jun-10 9,118 2,343 114 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 7,230 2,867 477 179 Sep-10 879 917 6,914 1,719 Sep-10 2,736 219 1,219 118 Sep-10 9,013 2,264 483 95 2,334 1,055 414 8,289 258 23 9,096 3,320 Oct-10 1,631 198 2,674 Oct-10 2,058 Oct-10 Nov-10 1,242 943 6,963 1,849 Nov-10 3,805 1,095 3,219 634 Nov-10 8,221 2,781 165 69 1,149 1,410 1,071 108 118 Dec-10 568 5,692 Dec-10 3,215 1,138 Dec-10 6,120 3,973 119 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 Feb-10 1,917 1,556 7,543 1,652 Feb-10 786 472 549 462 Feb-10 37,163 22,861 44.679 22,218 Mar-10 991 1.607 8.467 3.033 Mar-10 397 441 1.052 376 Mar-10 28.200 17.119 48,274 22.288 Apr-10 2,416 1,476 6,155 1,412 Apr-10 508 387 1,147 393 Apr-10 31,237 16,345 47,699 20,85 1,075 1,384 939 38,214 14,754 46,363 May-10 1,349 7,105 May-10 286 955 337 May-10 17,645 Jun-10 1,177 6,296 1,019 Jun-10 1,051 636 Jun-10 42,213 12,690 47,236 13,784 656 127 127 1,303 5,205 1,294 569 104 46,036 16,523 40,322 14,540 Jul-10 1,308 Jul-10 1,878 169 Jul-10 Aug-10 2,697 1,446 4.586 1,362 Aug-10 2.443 708 805 198 Aug-10 49.022 17,772 39,366 16,92 Sep-10 3,028 1,263 5,129 1,262 Sep-10 942 415 1,030 71 Sep-10 40,008 11,599 39,865 15,94 Oct-10 1,608 1,256 6.900 1,478 Oct-10 516 5 298 13 Oct-10 34.612 11.742 46.070 19,478 2,685 1,319 7,134 1,142 446 2 851 52 38,480 44,497 22,735 Nov-10 Nov-10 Nov-10 20,098 90 Dec-10 2.257 1.228 7.421 1.056 Dec-10 617 739 77 Dec-10 32.763 20.107 35.440 15.930

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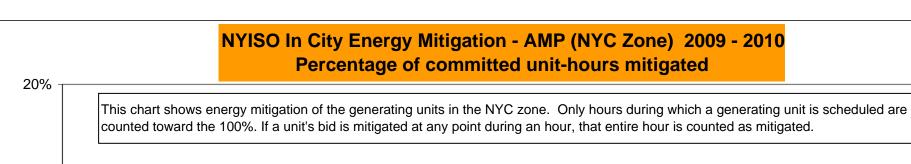


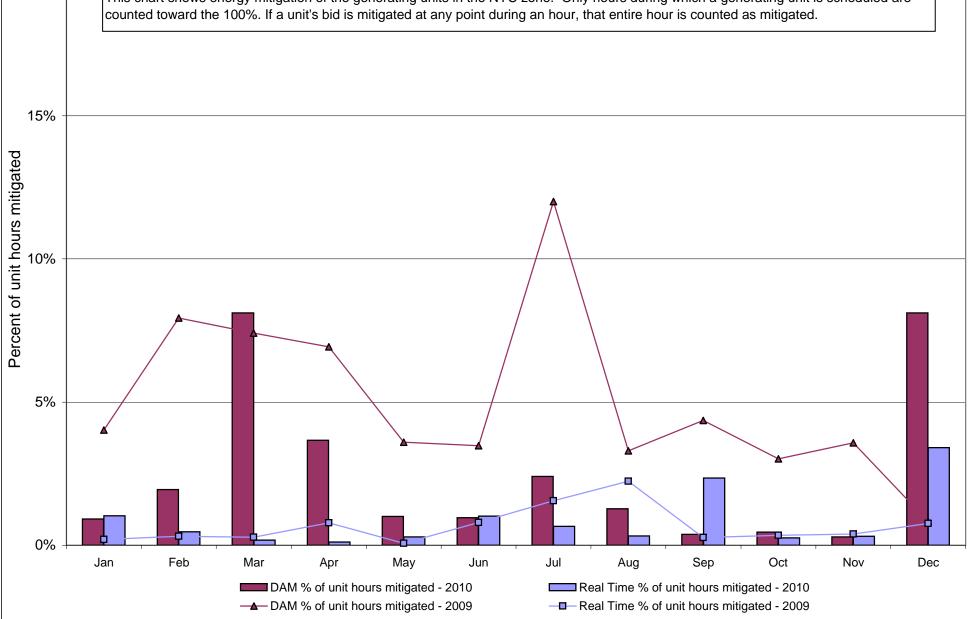


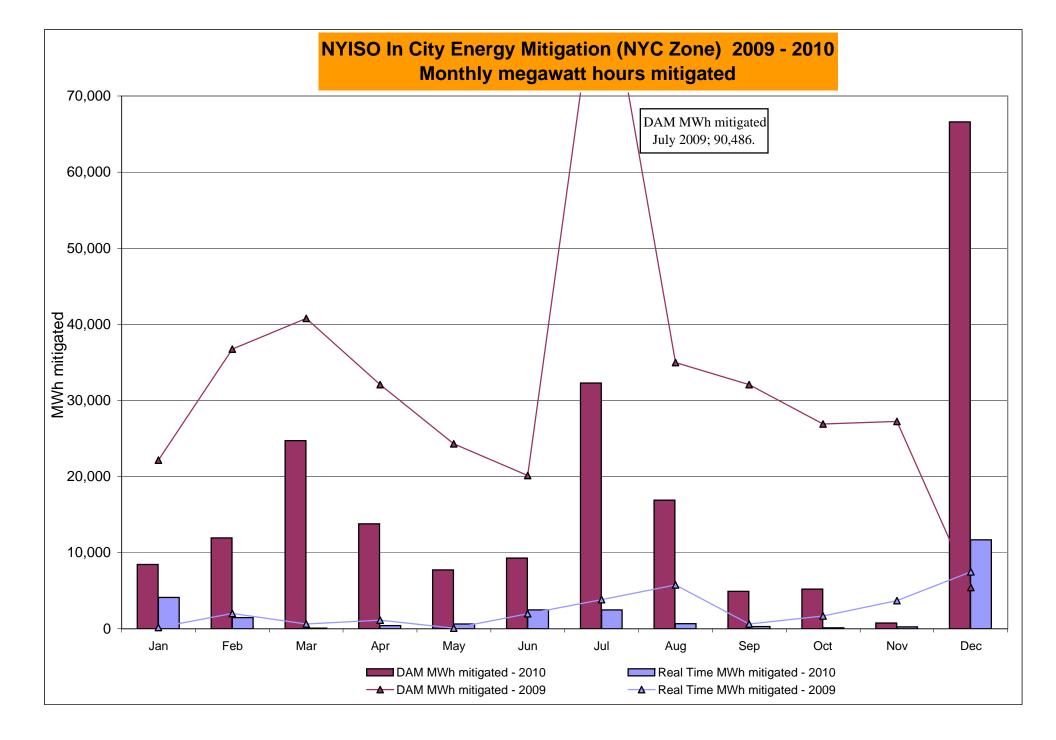
## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

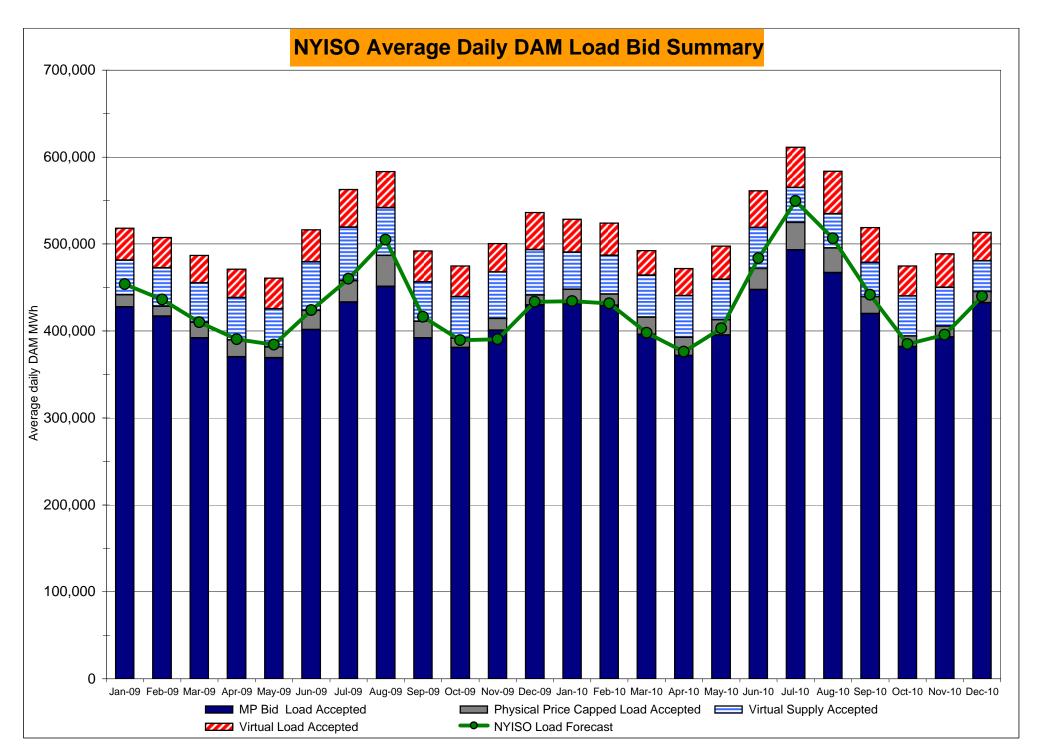
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2010	January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market	· <u>·</u>		<u> </u>	<u></u>	<u> </u>	' <u></u>		<u> </u>				
10 Min Spin East	4.62	4.51	5.10	7.04	7.59	5.43	6.00	5.23	5.80	7.07	6.64	9.56
10 Min Spin West	3.90	3.80	4.02	4.51	4.73	4.27	4.31	4.16	4.62	4.69	4.71	5.14
10 Min Non Synch East	2.11	1.42	2.85	1.89	3.04	1.04	3.12	1.81	1.44	2.94	1.57	4.08
10 Min Non Synch West	1.49	0.80	1.78	0.74	1.02	0.37	1.65	0.82	0.42	0.89	0.35	0.04
30 Min East	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10	0.06	0.05	0.06	0.04
30 Min West	0.24	0.18	0.18	0.16	0.12	0.07	0.27	0.10	0.06	0.05	0.06	0.04
Regulation East	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15	27.92	14.60	11.80	16.60
Regulation West	43.21	35.33	33.67	29.28	30.33	30.44	36.44	36.15	27.92	14.60	11.80	16.60
-	40.21	00.00	00.01	25.20	00.00	00.44	00.44	00.10	21.52	14.00	11.00	10.00
RTC Market												
10 Min Spin East	5.49	2.42	2.22	3.03	3.86	5.89	3.87	2.99	2.28	1.00	2.93	6.84
10 Min Spin West	4.32	1.40	1.66	1.38	1.53	1.19	2.13	1.90	1.08	0.57	1.87	5.31
10 Min Non Synch East	0.77	0.37	0.00	0.00	0.39	4.35	2.31	1.23	0.97	0.00	0.00	0.21
10 Min Non Synch West	0.05	0.00	0.00	0.00	0.00	0.11	0.69	0.35	0.02	0.00	0.00	0.00
30 Min East	0.00	0.00	0.00	0.00	0.00	0.04	0.26	0.07	0.00	0.00	0.00	0.00
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.26	0.07	0.00	0.00	0.00	0.00
Regulation East	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27	20.15	13.58	11.99	17.83
Regulation West	43.11	34.13	34.13	26.86	27.28	27.26	25.32	26.27	20.15	13.58	11.99	17.83
Deal Time Manket												
Real Time Market	<b>-</b> 0-	0.00	0.54	0.04	4.00	0.40		0.40	0.47	2.24	0.07	<b></b>
10 Min Spin East	7.67	3.08	2.54	3.31	4.30	6.10	4.71	3.13	3.17	0.91	3.07	7.78
10 Min Spin West	6.37	1.78	2.05	2.09	1.73	1.51	2.44	2.17	1.46	0.51	2.09	6.16
10 Min Non Synch East	0.83	0.74	0.00	0.00	0.81	4.28	3.05	1.09	1.55	0.00	0.12	0.44
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.12	0.89	0.28	0.09	0.00	0.00	0.00
30 Min East	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04	0.00	0.00	0.00	0.00
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03	0.33	0.04	0.00	0.00	0.00	0.00
Regulation East	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94	20.94	14.67	12.69	19.11
Regulation West	46.71	35.21	35.26	27.47	27.78	28.03	25.85	26.94	20.94	14.67	12.69	19.11
regulation west	40.71	33.21	33.20	21.41	21.10	26.03	25.65	20.34	20.94	14.07	12.03	10.11
ŭ												
<u>2009</u>	January	February	March	April	May	June	25.85 July	August	September September	October	<u>November</u>	December
2009 Day Ahead Market	January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	July	<u>August</u>	September	October	November	<u>December</u>
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	September 4.54	October 5.90	November 3.75	December 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	March 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	September 4.54 3.88	October 5.90 4.25	November 3.75 3.41	<u>December</u> 4.38 3.78
2009 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	<u>January</u> 5.60 4.81 2.77	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	<u>September</u> 4.54 3.88 2.42	October 5.90 4.25 1.74	3.75 3.41 1.66	<u>December</u> 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	<u>June</u> 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	January 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	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	January 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	January 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 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  RTC Market	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 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	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	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	A.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	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 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	1.63 0.54 42.17 42.17 5.85 5.24
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	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	September  4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63  0.79 0.71 0.00	0ctober  5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99  3.38 2.90 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01	1.63 0.54 42.17 42.17 5.85 5.24 0.00
2009  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch 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	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	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 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	September  4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63  0.79 0.71 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 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 Non Synch East  10 Min Non Synch West  30 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 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	September  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	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	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 East  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East	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	September  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	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 0.00	1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 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 Spin West  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	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	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	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	September  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	1.63 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 0.00 54.29
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East 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 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	September  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 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	1.63 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 Spin West  10 Min Spin West  10 Min Non Synch East  10 Min East  30 Min East  30 Min West  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	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	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	September  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 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	1.63 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 West 30 Min East 30 Min West Regulation East Regulation East 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	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	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	September  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	October         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         362	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	1.63 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
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 West 30 Min East 30 Min West Regulation East Regulation East Regulation East Regulation East Regulation West 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 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	September  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 2.22 1.99 0.24	December       4.38       3.78       2.16       1.63       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
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East Regulation West  To Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East Regulation East  10 Min Spin East  Regulation West  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 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	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	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	September  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	October       5.90       4.25       1.74       0.73       0.41       35.99       35.99       338       2.90       0.00       0.00       0.00       36.24       4.01       3.62       0.00       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 0.00 36.34 36.34  2.22 1.99 0.24 0.03	December       4.38       3.78       2.16       1.63       0.54       42.17       42.17       5.85       5.24       0.00       0.00       0.00       54.29       7.50       7.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       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 East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation East 10 Min Spin East 10 Min Spin West 10 Min Non Synch West 30 Min East 30 Min West Regulation East 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	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	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	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 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	September  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	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 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
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West Regulation West Regulation West Regulation West Resulation West Resulation 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	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	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	September  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 0.00 0	S.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 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 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 East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation East 10 Min Spin East 10 Min Spin West 10 Min Non Synch West 30 Min East 30 Min West Regulation East 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	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	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	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 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	September  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	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 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

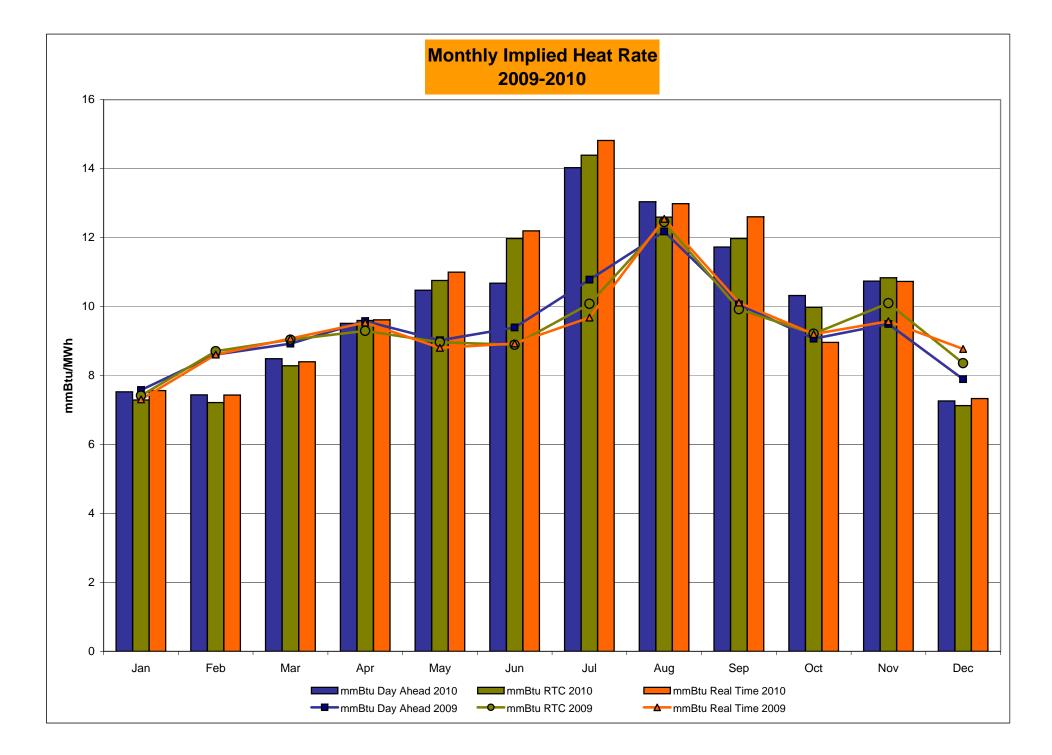
Market Monitoring Prepared: 1/10/2011 3:58 PM



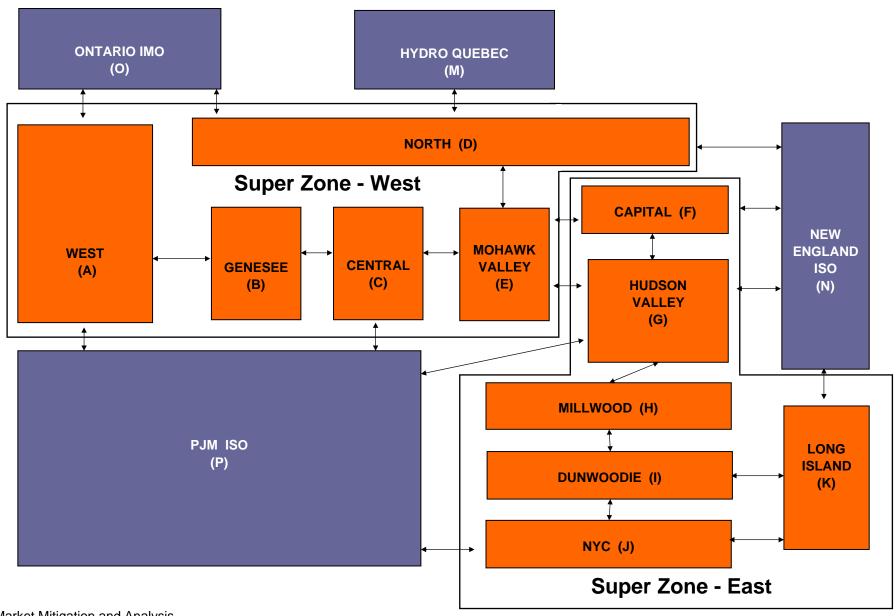








## NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 1/10/2011 4:22 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					