

# **NYISO President's Report**

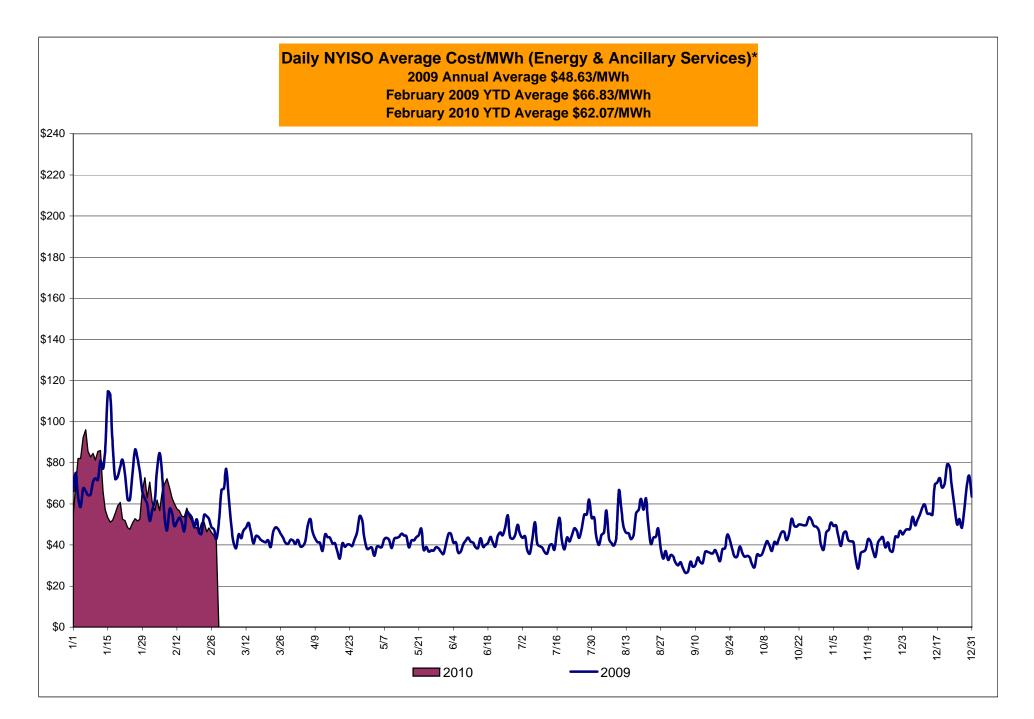
Management Committee Meeting March 24, 2010

# **Report Items**

- Market Performance Highlights For Information Only
- > Uplift
- DOE Stimulus Projects
- Eastern Interconnection Planning Collaborative
- Sector Meetings
- > FERC Metrics Presentation
- Control Center Update

# Market Performance Highlights for February 2010

- LBMP for February is \$52.44/MWh, down from \$63.90/MWh in January 2010.
  - Average monthly cost is \$56.13/MWh, down from \$67.15/MWh in January 2010.
  - Day Ahead and Real Time LBMPs have decreased from January 2010.
- Average daily sendout is 444GWh/day in February, down from 451GWh/day in January 2010 and lower than the February 2009 sendout of 447GWh/day.
- All Fuel prices are down this month compared to last month.
  - Kerosene is \$15.12/MMBtu, down from \$15.73/MMBtu in January.
  - No. 2 Fuel Oil is \$13.99/MMBtu, down from \$14.64/MMBtu in January.
  - No. 6 Fuel Oil is \$11.69/MMBtu, down from \$12.15/MMBtu in January.
  - Natural Gas is \$6.95MMBtu, down from \$8.35/MMBtu in January.
- Uplift per MWh is up from the previous month.
  - Uplift (not including NYISO cost of operations) is \$1.22/MWh, up from \$0.76/MWh in January 2010.
    - No Thunderstorms Alerts were called in February (\$0.00/MWh)
    - The Local Reliability Share is \$0.72/MWh
    - The Other Share is \$0.50/MWh
  - Total uplift (Schedule 1 components including NYISO Cost of Operations) is higher than January 2010.



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

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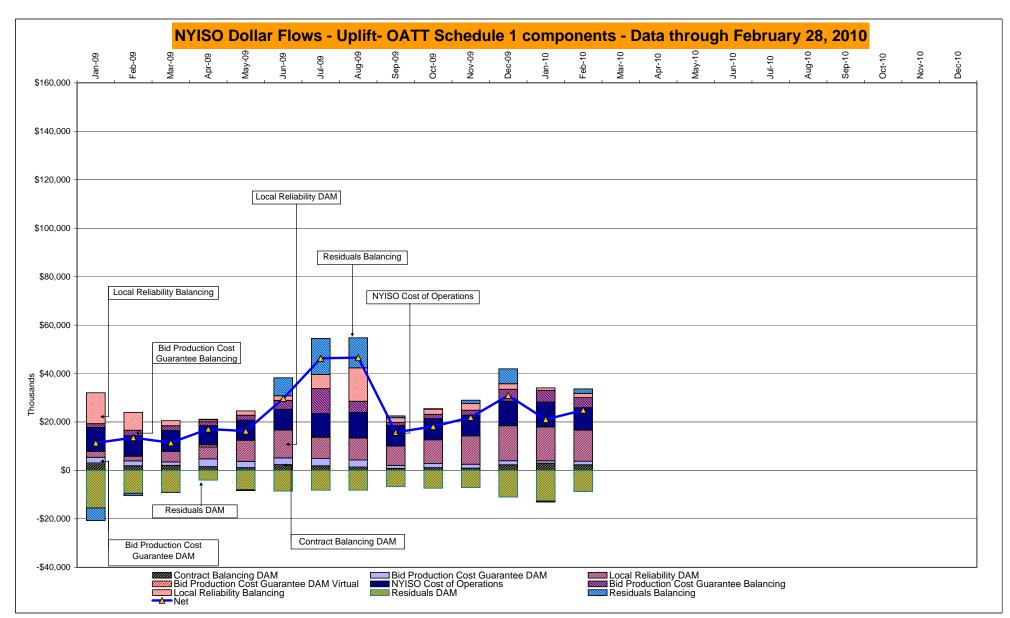
#### NYISO Average Cost/MWh (Energy and Ancillary Services)\* from the LBMP Customer point of view

2010	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	63.90	52.44			· <del></del>					-		
NTAC	0.70	0.77										
Reserve	0.19	0.17										
Regulation	0.44	0.37										
NYISO Cost of Operations	0.71	0.71										
Uplift	0.76	1.22										
Uplift: TSA Share	-	-										
Uplift: Local Reliability Share	0.54	0.72										
Uplift: Other Share	0.22	0.50										
Voltage Support and Black Start	0.44	0.44										
Avg Monthly Cost	67.15	56.13										
Avg YTD Cost	67.15	62.07										
2009	lanuani	Fabruari	Manala	ا است	May	luna	luke	August	Contombor	Oatabar	Navambar	Docombor
2009	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	73.30	52.75	<u>March</u> 45.64	39.66	37.83	39.01	40.68	43.64	31.74	39.73	37.88	55.63
		-	45.64 0.36					_				
LBMP NTAC Reserve	73.30	52.75	45.64	39.66	37.83	39.01	40.68	43.64	31.74	39.73	37.88	55.63
LBMP NTAC	73.30 0.45	52.75 0.53	45.64 0.36	39.66 0.87	37.83 0.58	39.01 0.77	40.68 0.63	43.64 0.61	31.74 0.62	39.73 0.65	37.88 0.81	55.63 0.76
LBMP NTAC Reserve	73.30 0.45 0.26	52.75 0.53 0.35	45.64 0.36 0.31	39.66 0.87 0.24 0.37 0.65	37.83 0.58 0.30	39.01 0.77 0.23	40.68 0.63 0.24 0.29 0.65	43.64 0.61 0.16 0.24 0.65	31.74 0.62 0.24	39.73 0.65 0.26	37.88 0.81 0.20	55.63 0.76 0.21
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift	73.30 0.45 0.26 0.45	52.75 0.53 0.35 0.48	45.64 0.36 0.31 0.55	39.66 0.87 0.24 0.37	37.83 0.58 0.30 0.31	39.01 0.77 0.23 0.37	40.68 0.63 0.24 0.29	43.64 0.61 0.16 0.24	31.74 0.62 0.24 0.32	39.73 0.65 0.26 0.44	37.88 0.81 0.20 0.38	55.63 0.76 0.21 0.42
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41	45.64 0.36 0.31 0.55 0.65 0.21	39.66 0.87 0.24 0.37 0.65 0.67	37.83 0.58 0.30 0.31 0.65 0.64 0.02	39.01 0.77 0.23 0.37 0.65 1.66 0.43	40.68 0.63 0.24 0.29 0.65 2.52 0.70	43.64 0.61 0.16 0.24 0.65 2.33 0.40	31.74 0.62 0.24 0.32 0.65 0.57	39.73 0.65 0.26 0.44 0.69 0.75	37.88 0.81 0.20 0.38 0.69 1.10	55.63 0.76 0.21 0.42 0.69 1.45
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41	45.64 0.36 0.31 0.55 0.65 0.21	39.66 0.87 0.24 0.37 0.65 0.67	37.83 0.58 0.30 0.31 0.65 0.64	39.01 0.77 0.23 0.37 0.65 1.66	40.68 0.63 0.24 0.29 0.65 2.52	43.64 0.61 0.16 0.24 0.65 2.33	31.74 0.62 0.24 0.32 0.65 0.57	39.73 0.65 0.26 0.44 0.69 0.75	37.88 0.81 0.20 0.38 0.69 1.10	55.63 0.76 0.21 0.42 0.69
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41 - 0.28 0.13	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12 0.09	39.66 0.87 0.24 0.37 0.65 0.67 0.02 0.22 0.43	37.83 0.58 0.30 0.31 0.65 0.64 0.02 0.41 0.21	39.01 0.77 0.23 0.37 0.65 1.66 0.43 0.75 0.48	40.68 0.63 0.24 0.29 0.65 2.52 0.70 0.79 1.03	43.64 0.61 0.16 0.24 0.65 2.33 0.40 1.14 0.79	31.74 0.62 0.24 0.32 0.65 0.57	39.73 0.65 0.26 0.44 0.69 0.75	37.88 0.81 0.20 0.38 0.69 1.10 - 0.73 0.37	55.63 0.76 0.21 0.42 0.69 1.45 - 0.78 0.67
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12	39.66 0.87 0.24 0.37 0.65 0.67 0.02	37.83 0.58 0.30 0.31 0.65 0.64 0.02 0.41	39.01 0.77 0.23 0.37 0.65 1.66 0.43 0.75	40.68 0.63 0.24 0.29 0.65 2.52 0.70 0.79	43.64 0.61 0.16 0.24 0.65 2.33 0.40 1.14	31.74 0.62 0.24 0.32 0.65 0.57	39.73 0.65 0.26 0.44 0.69 0.75	37.88 0.81 0.20 0.38 0.69 1.10	55.63 0.76 0.21 0.42 0.69 1.45
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share	73.30 0.45 0.26 0.45 0.65 0.11	52.75 0.53 0.35 0.48 0.65 0.41 - 0.28 0.13	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12 0.09	39.66 0.87 0.24 0.37 0.65 0.67 0.02 0.22 0.43	37.83 0.58 0.30 0.31 0.65 0.64 0.02 0.41 0.21	39.01 0.77 0.23 0.37 0.65 1.66 0.43 0.75 0.48	40.68 0.63 0.24 0.29 0.65 2.52 0.70 0.79 1.03	43.64 0.61 0.16 0.24 0.65 2.33 0.40 1.14 0.79	31.74 0.62 0.24 0.32 0.65 0.57	39.73 0.65 0.26 0.44 0.69 0.75	37.88 0.81 0.20 0.38 0.69 1.10 - 0.73 0.37	55.63 0.76 0.21 0.42 0.69 1.45 - 0.78 0.67
LBMP NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share Voltage Support and Black Start	73.30 0.45 0.26 0.45 0.65 0.11 - 0.15 (0.04) 0.34	52.75 0.53 0.35 0.48 0.65 0.41 - 0.28 0.13 0.34	45.64 0.36 0.31 0.55 0.65 0.21 0.00 0.12 0.09 0.34	39.66 0.87 0.24 0.37 0.65 0.67 0.02 0.22 0.43 0.34	37.83 0.58 0.30 0.31 0.65 0.64 0.02 0.41 0.21 0.34	39.01 0.77 0.23 0.37 0.65 1.66 0.43 0.75 0.48 0.34	40.68 0.63 0.24 0.29 0.65 2.52 0.70 0.79 1.03 0.34	43.64 0.61 0.16 0.24 0.65 2.33 0.40 1.14 0.79 0.34	31.74 0.62 0.24 0.32 0.65 0.57 - 0.36 0.21	39.73 0.65 0.26 0.44 0.69 0.75 - 0.49 0.25 0.34	37.88 0.81 0.20 0.38 0.69 1.10 - 0.73 0.37 0.34	55.63 0.76 0.21 0.42 0.69 1.45 - 0.78 0.67 0.34

These numbers reflect the true-ups thru June 2009.

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



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

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

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

#### **NYISO Markets Transactions**

<u>2010</u>	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Day Ahead Market MWh		12,593,305										
DAM LSE Internal LBMP Energy Sales	49%	46%										
DAM External TC LBMP Energy Sales	2%	3%										
DAM Bilateral - Internal Bilaterals	41%	43%										
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	6%	5%										
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%										
DAM Bilateral - Wheel Through Bilaterals	2%	1%										
Balancing Energy Market MWh	377,994	280,238										
Balancing Energy LSE Internal LBMP Energy Sales	40%	53%										
Balancing Energy External TC LBMP Energy Sales	56%	50%										
Balancing Energy Bilateral - Internal Bilaterals	9%	7%										
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%										
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%										
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%										
Transactions Summary												
LBMP	52%	50%										
Internal Bilaterals	40%	43%										
Import Bilaterals	5%	5%										
Export Bilaterals	2%	2%										
Wheels Through	1%	1%										
Market Share of Total Load												
Day Ahead Market	97.4%	97.8%										
Balancing Energy +	2.6%	2.2%										
Total MWH	14,412,775	12,873,543										
Average Daily Energy Sendout/Month GWh	451	444										
												<u>.</u>
2009	lanuary	February	March	Δnril	May	lune	luly	Διιαιιετ	Sentember	October	November	December
2009	January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>		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% 4%	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% 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% 4% 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%	14,549,784 51% 1% 42% 5% 1% 1%	15,547,976 53% 1% 40% 5% 1% 1% 560,816	12,761,517 53% 1% 39% 5% 1% 1% 171,381	12,385,591 50% 1% 43% 4% 2% 1% 237,512	12,446,286 47% 2% 44% 5% 2% 1% -168,889	14,046,621 46% 3% 43% 5% 1% 1% 432,170
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28%	13,159,069 48% 2% 43% 5% 1% 1% -115,653 -247%	14,549,784 51% 1% 42% 5% 1% 1% 131,797 -99%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65%	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141%	14,549,784 51% 1% 42% 5% 1% 1% 131,797 -99% 140%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65% 29%	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7% 75%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53%	12,446,286 47% 2% 444% 5% 2% 1% -168,889 -124% 53%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 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% 4% 45% 4% 2% 0% 699,813 56% 38% 8%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19%	13,160,913 46% 1% 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% 11% 131,797 -99% 140% 53%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65% 29% 6%	12,761,517 53% 1% 39% 5% 1% 11% 171,381 7% 75% 18%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0%	12,446,286 47% 2% 444% 5% 2% 1% -168,889 -124% 53% 6%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 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 - Internal 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% 272,508 272,508 28% 74% 10% 0%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65% 29% 6% 0%	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7% 75% 18% 0%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0%	14,046,621 46% 3% 43% 5% 1% 18 432,170 49% 46% 7% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - 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% 560,816 65% 29% 6% 0% 2%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% 8%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 9%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 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 - Export/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% 272,508 272,508 28% 74% 10% 0%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2%	14,549,784 51% 1% 42% 5% 1% 131,797 -99% 140% 53% 0%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65% 29% 6% 0%	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7% 75% 18% 0%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0%	14,046,621 46% 3% 43% 5% 1% 18 432,170 49% 46% 7% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15%	12,324,218 43% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 4% -15%	13,159,069 48% 2% 43% 5% 1% 115,653 -247% 23% 24,8% 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% 560,816 65% 29% 6% 0% 2%	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7% 75% 18% 0% 8%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 9% -16%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - 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% 560,816 65% 6% 0% 2% -2%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% 8% -8%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 9% -16%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 6% 0% 14% -49%	14,046,621 46% 3% 43% 5% 1% 1% 482,170 49% 46% 7% 0% 8% -10%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15%	12,324,218 43% 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% 51% 42%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65% 29% 6% 0% -2% 555% 38%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% -8%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 9% -16%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5%	12,324,218 43% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 45% 46% 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% 14% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65% 29% 6% 0% -2% 55% 38% 5%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% -8%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 9% -16% 52% 42% 44%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 5%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - 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	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 0% 1% -2% 51% 43% 44% 2%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2%	12,324,218 43% 2% 48% 5% 2% 1% 272,508 28% 74% 10% 4% -15% 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% 160,816 65% 29% 6% 0% -2% 55% 38% 5% 1%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% -8% 55% 38% 55% 38% 5% 1%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 9% -16% 52% 42% 44% 2%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 5% 2%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through	14,570,391 45% 4% 45% 4% 2% 0% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5%	12,121,505 47% 1% 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5%	12,324,218 43% 28 48% 5% 2% 1% 272,508 28% 74% 10% 0% 45% 46% 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% 14% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 1% 560,816 65% 29% 6% 0% -2% 55% 38% 5%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% -8%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 9% -16% 52% 42% 44%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 5%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy Market MWh  Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0%	12,121,505 47% 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% 1% 42% 5% 1% 131,797 -99% 140% 53% 0% 12% -6%	15,547,976 53% 1% 40% 5% 1% 16 560,816 65% 29% 6% 0% -2% 55% 38% 5% 1%	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7% 75% 18% 0% 8% -8% 55% 38% 5% 1%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% -16% 52% 42% 4% 2% 1%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importi/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy Market MWh  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importi/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0%	12,121,505 47% 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% 16 560,816 65% 29% 6% 0% -2% 55% 38% 5% 1%	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7% 75% 18% 0% 8% -8% 55% 38% 55% 1% 1%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 9% -16% 52% 42% 42% 42% 1% 98.1%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy Market MWh  Balancing Energy External LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market  Balancing Energy +	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0% 95.4% 4.6%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0% 0%	12,121,505 47% 19 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0% 98.8% 1.2%	12,324,218 43% 2% 48% 5% 2% 272,508 28% 74% 10% 0% 4% -15% 46% 47% 5% 0% 97.8% 2.2%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 22% 8% -27% 49% 44% 5% 1% 0%	14,549,784 51% 14% 56% 14% 56% 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% 560,816 65% 29% 0% 22% -2% 55% 38% 1% 1%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% 8% -8% 55% 38% 5% 1% 1%	12,385,591 50% 1% 43% 4% 2% 1% 237,512 54% 53% 0% 0% 996 -16% 52% 42% 44% 2% 1% 98.1% 1.9%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1% 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 Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market  Balancing Energy +  Total MWH	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0% 95.4% 4.6% 15,270,204	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 0% 97.8% 2.2% 12,793,562	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 0% 0% 99.5% 0.5% 13,231,233	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% 12,274,128	12,324,218 43% 2% 48% 5% 2% 272,508 28% 74% 10% 0% 4% -15%  46% 47% 5% 0%  97.8% 2.2% 12,596,725	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 2% 8% -27% 49% 44% 5% 0% 100.9% -0.9% 13,043,416	14,549,784 51% 14% 5% 14% 5% 14% 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% 560,816 65% 29% 6% 0% 2% -2% 55% 38% 5% 1% 1% 96.5% 3.5% 16,108,793	12,761,517 53% 1% 39% 5% 1% 1% 171,381 7% 75% 18% 0% 8% -8% 55% 38% 5% 1% 1% 12,932,899	12,385,591 50% 1% 43% 44% 2% 1% 237,512 54% 53% 0% 9% -16% 52% 42% 42% 1% 98.1% 1.9% 12,623,103	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 0% 0% 11.4% 12.277,397	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1% 97.0% 3.0% 14,478,791
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through  Market Share of Total Load Day Ahead Market Balancing Energy +	14,570,391 45% 4% 45% 4% 2% 699,813 56% 38% 8% 0% 1% -2% 51% 43% 4% 2% 0% 95.4% 4.6%	12,511,009 44% 2% 47% 5% 2% 0% 282,553 39% 46% 19% 0% 5% -10% 47% 46% 5% 2% 0%	13,160,913 46% 1% 45% 5% 2% 0% 70,320 -111% 150% 68% 0% 16% -24% 48% 45% 5% 2% 0% 0%	12,121,505 47% 19 45% 5% 2% 0% 152,623 -31% 118% 20% 0% 8% -15% 48% 44% 5% 2% 0% 98.8% 1.2%	12,324,218 43% 2% 48% 5% 2% 272,508 28% 74% 10% 0% 4% -15% 46% 47% 5% 0% 97.8% 2.2%	13,159,069 48% 2% 43% 5% 1% -115,653 -247% 141% 23% 22% 8% -27% 49% 44% 5% 1% 0%	14,549,784 51% 14% 56% 14% 56% 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% 560,816 65% 29% 0% 22% -2% 55% 38% 1% 1%	12,761,517 53% 1% 39% 5% 1% 171,381 7% 75% 18% 0% 8% -8% 55% 38% 5% 1% 1%	12,385,591 50% 1% 43% 44% 2% 1% 237,512 54% 53% 0% 0% 9% -16% 52% 42% 44% 2% 1%	12,446,286 47% 2% 44% 5% 2% 1% -168,889 -124% 53% 6% 0% 14% -49% 48% 45% 5% 2% 0%	14,046,621 46% 3% 43% 5% 1% 1% 432,170 49% 46% 7% 0% 8% -10% 50% 42% 5% 2% 1% 97.0% 3.0%

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

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

Virtual Transactions are not reflected in this chart.

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

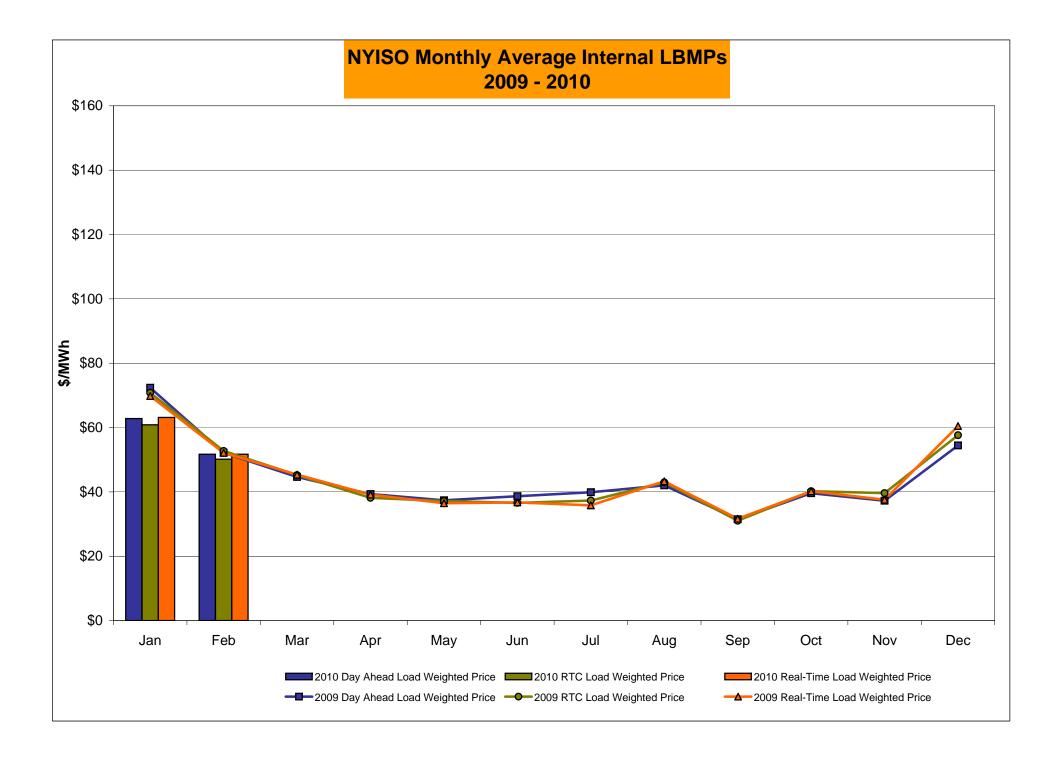
#### NYISO Markets 2010 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November Dece
DAY AHEAD LBMP		-			<del></del>				
Price *	\$60.96	\$50.47							
Standard Deviation	\$20.86	\$13.07							
Load Weighted Price **	\$62.80	\$51.71							
RTC LBMP									
Price *	\$59.32	\$49.38							
Standard Deviation	\$33.92	\$24.97							
Load Weighted Price **	\$60.85	\$50.16							
REAL TIME LBMP									
Price *	\$60.40	\$50.45							
Standard Deviation	\$42.06	\$30.38							
Load Weighted Price **	\$63.13	\$51.69							
Average Daily Energy Sendout/Month GWh	451	444							

#### NYISO Markets 2009 Energy Statistics

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

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

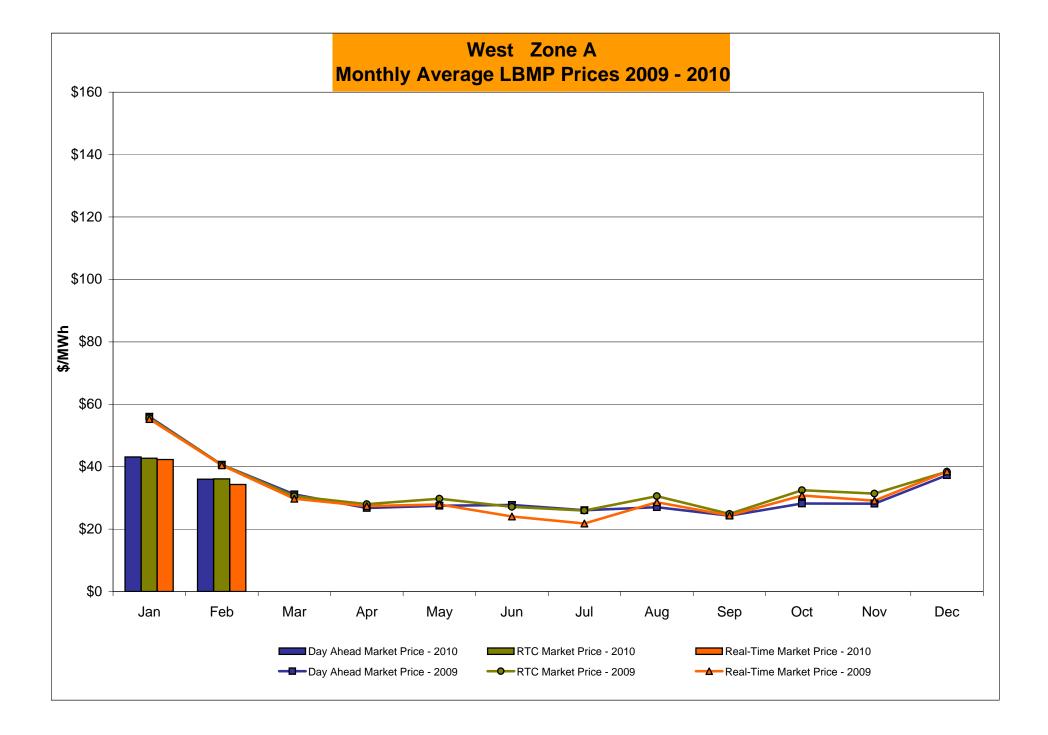


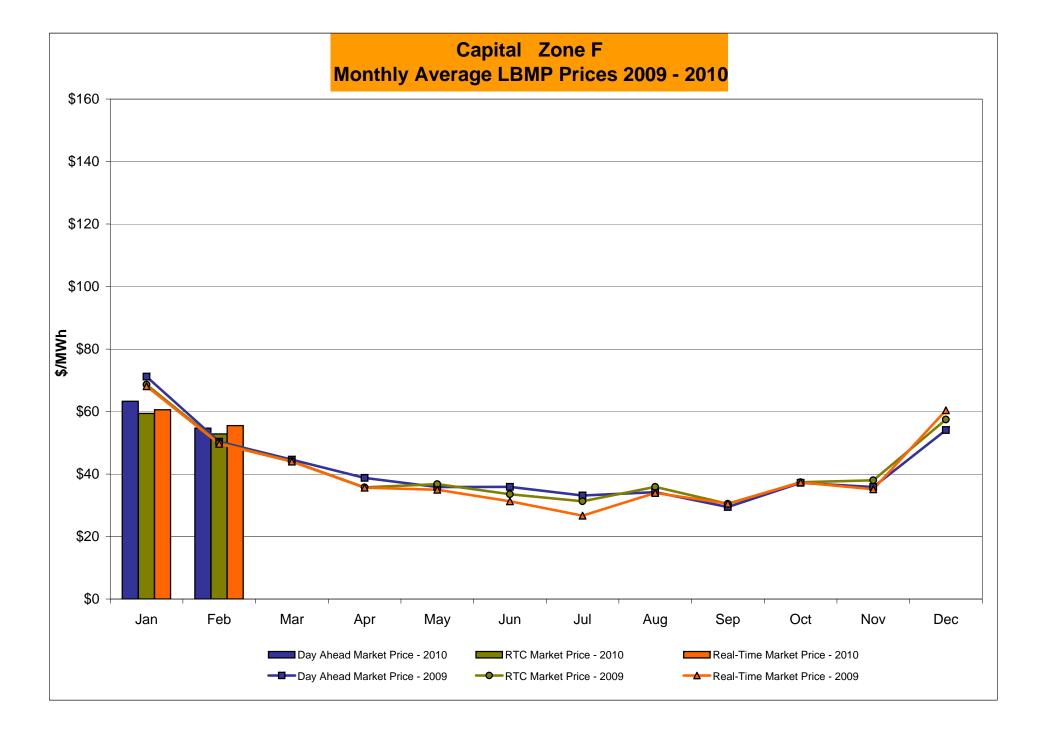
#### February 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

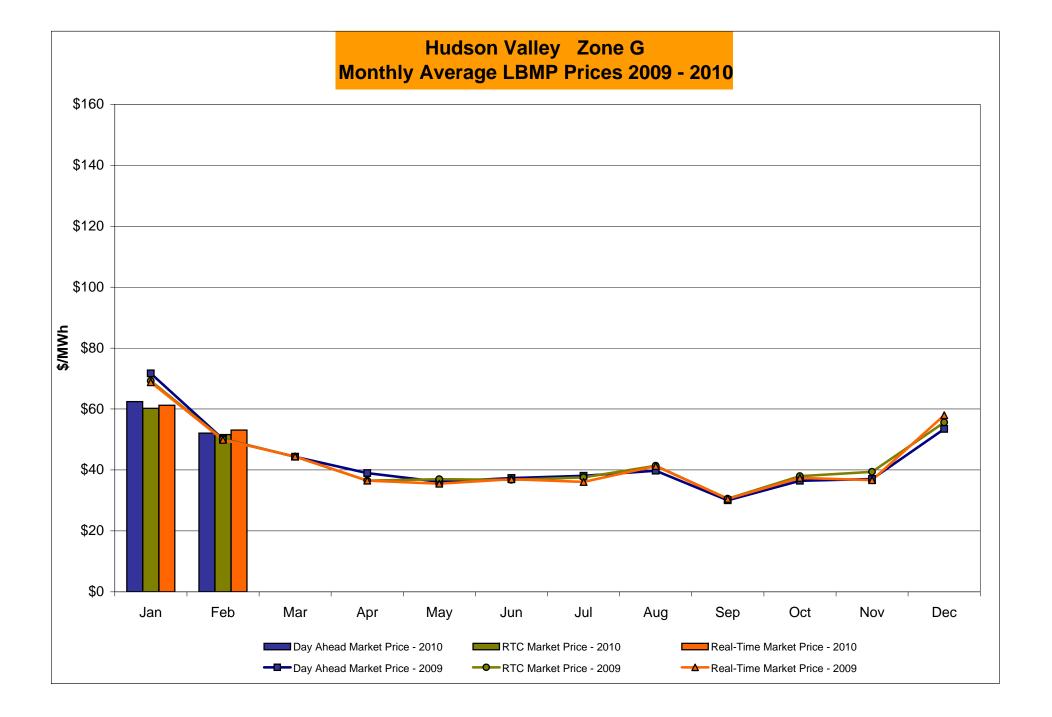
					MOHAWK		HUDSON			<b>NEW YORK</b>	LONG
	WEST	GENESEE	NORTH	CENTRAL	VALLEY	CAPITAL	VALLEY	MILLWOOD	DUNWOODIE	CITY	ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP				<u> </u>			· <u></u>		·		
Unweighted Price *	35.99	36.67	34.93	38.54	40.23	54.67	52.10	52.35	52.39	55.64	68.48
Standard Deviation	6.40	6.90	7.29	7.26	7.77	14.99	12.77	12.91	12.85	16.18	27.21
RTC LBMP											
Unweighted Price *	36.08	37.39	34.53	39.05	40.86	52.86	51.62	52.08	52.14	54.39	64.11
Standard Deviation	14.93	23.63	15.07	23.21	22.51	34.39	30.66	31.26	31.20	31.66	32.79
REAL TIME LBMP											
Unweighted Price *	34.32	35.54	32.66	37.28	38.96	55.49	53.09	53.63	53.65	56.82	68.22
Standard Deviation	18.07	24.29	19.24	23.96	24.18	46.88	38.62	39.62	39.43	41.12	45.90
			-								
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC		NEW		NORTHPORT-				
	IESO	(Wheel)	(Import/Export)	PJM	ENGLAND	CABLE	NORWALK	NEPTUNE			
						Controllable	Controllable	Controllable			
	Zone O	Zone M	Zone M	Zone P	Zone N	<u>Line</u>	<u>Line</u>	<u>Line</u>			
DAY AHEAD LBMP											
Unweighted Price *	34.45	35.12	35.05	46.76	53.25	67.44	66.83	60.21			
Standard Deviation	5.79	7.28	7.17	10.19	13.66	26.80	26.59	19.19			
RTC LBMP											
Unweighted Price *						50.07	F7.40	52.12			
	31.69	31.49	30.47	40.96	44.15	58.27	57.10	57.17			
•	31.69 5.27	31.49 31.10	30.47 31.10	40.96 6.20	44.15 8.84	58.27 23.47	57.10 28.79				
Standard Deviation	31.69 5.27	31.49 31.10	30.47 31.10	40.96 6.20	44.15 8.84	23.47	28.79	15.58			
Standard Deviation  REAL TIME LBMP	5.27	31.10	31.10	6.20	8.84	23.47	28.79	15.58			
Standard Deviation  REAL TIME LBMP  Unweighted Price *	5.27 32.63	31.10 33.23	31.10 32.27	6.20 44.79	8.84 53.33	23.47 65.71	28.79 64.55	15.58 59.79			
Standard Deviation  REAL TIME LBMP	5.27	31.10	31.10	6.20	8.84	23.47	28.79	15.58			

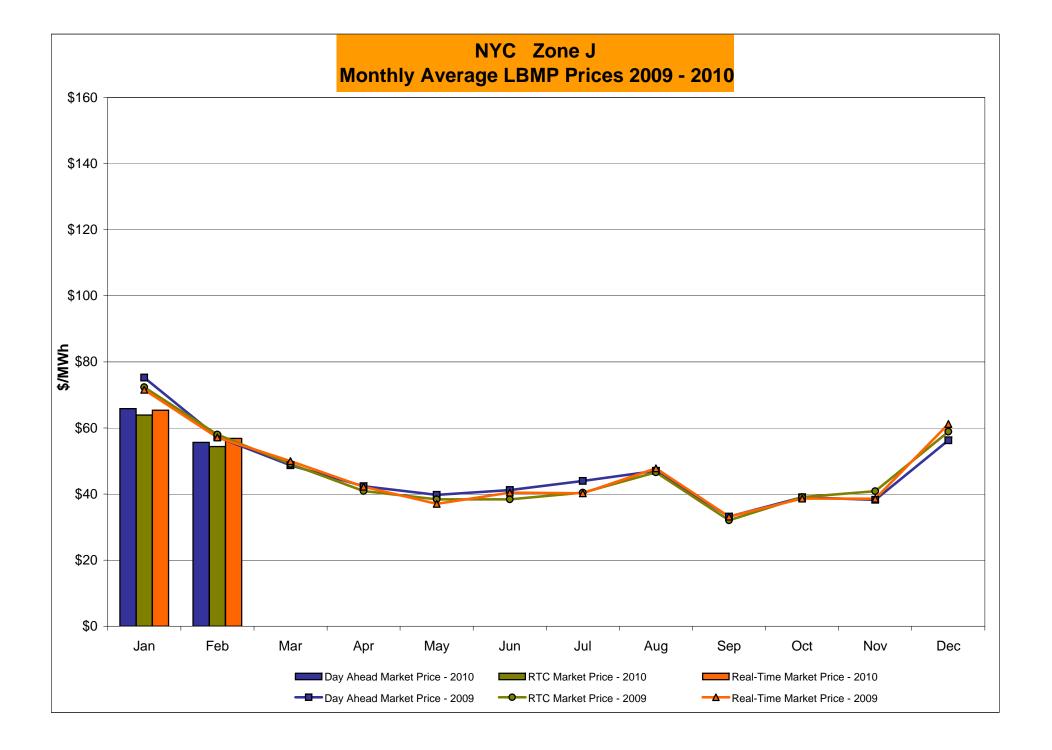
Market Monitoring Prepared: 3/3/2010 9:36 AM

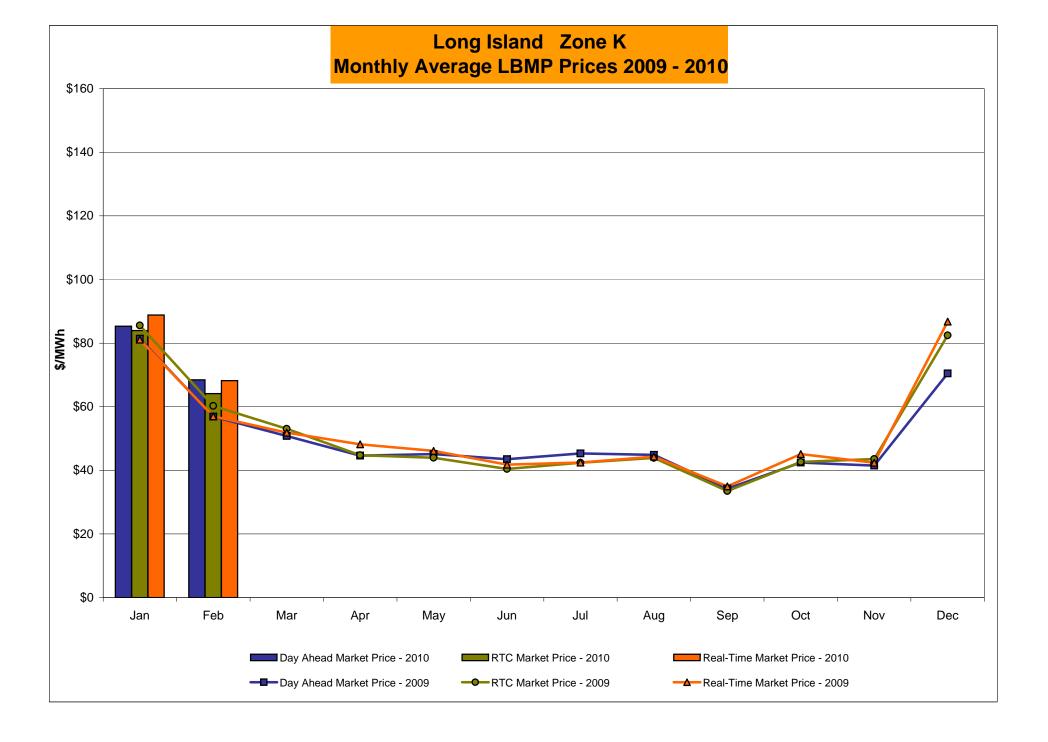
<sup>\*</sup> Straight LBMP averages

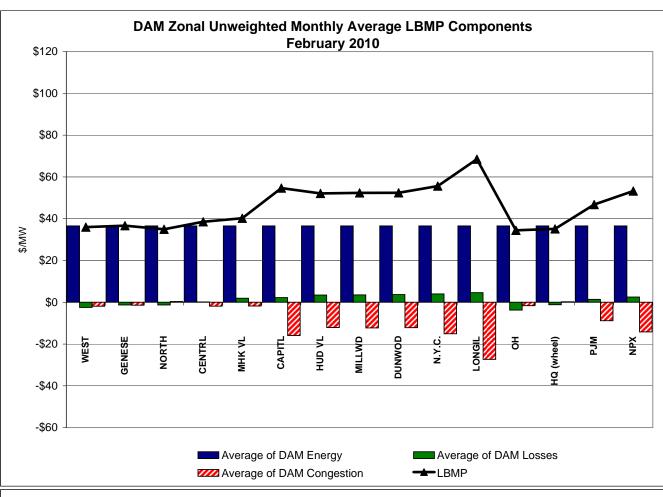


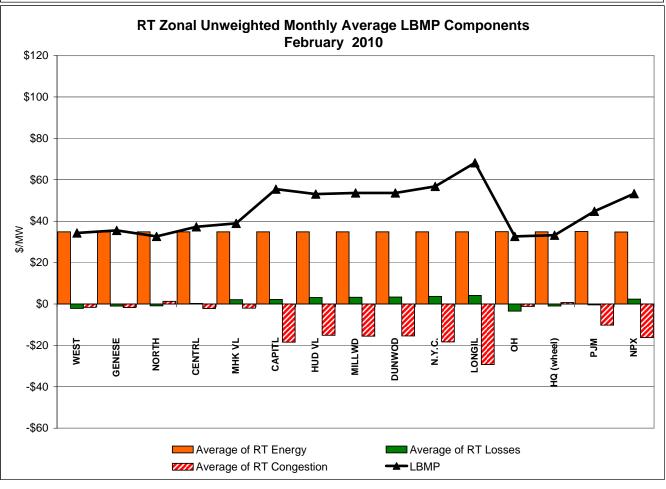




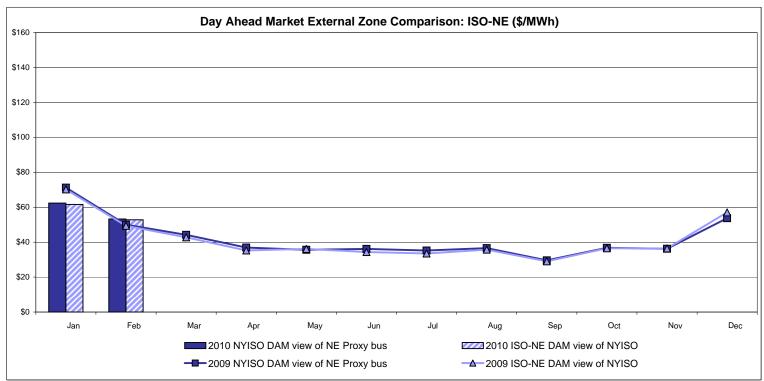


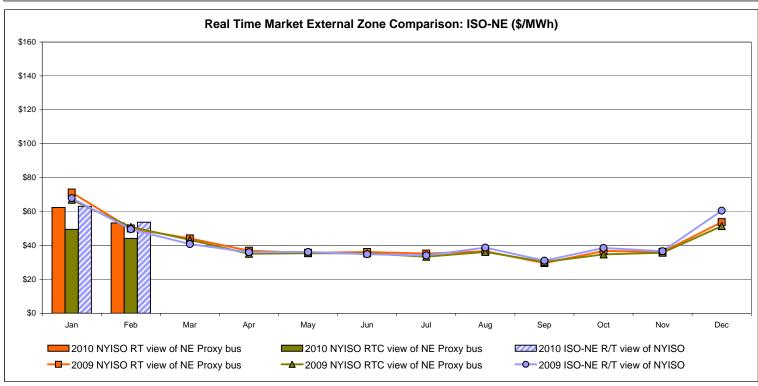




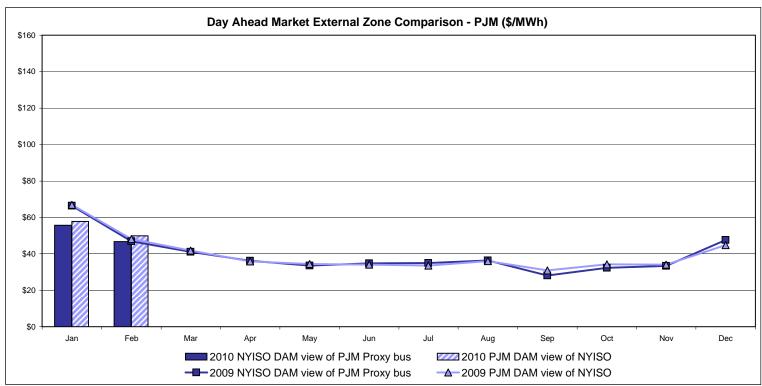


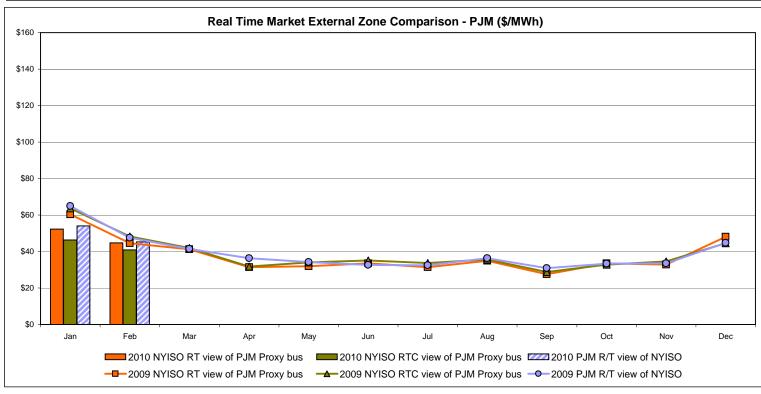
# **External Comparison ISO-New England**



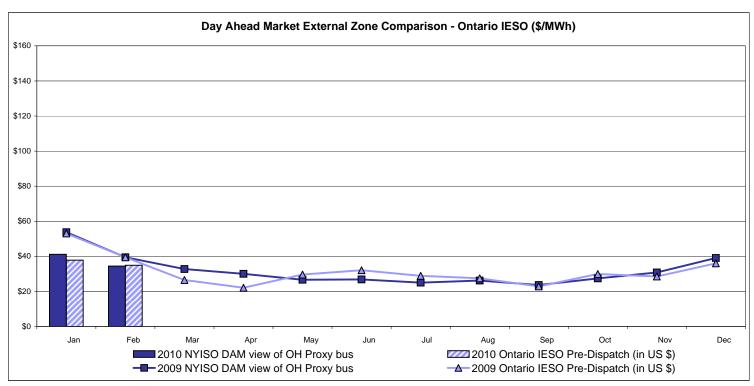


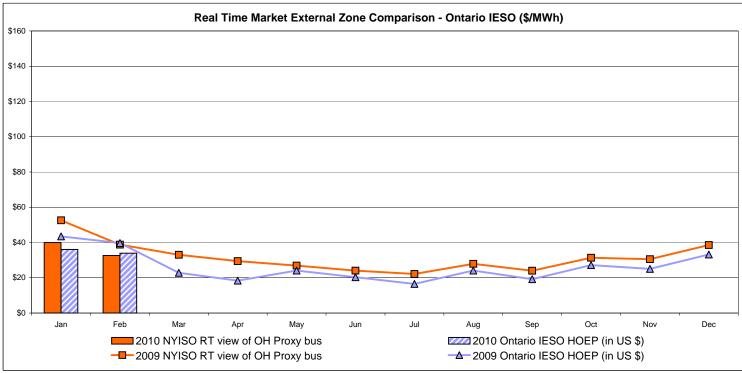
# **External Comparison PJM**





### **External Comparison Ontario IESO**

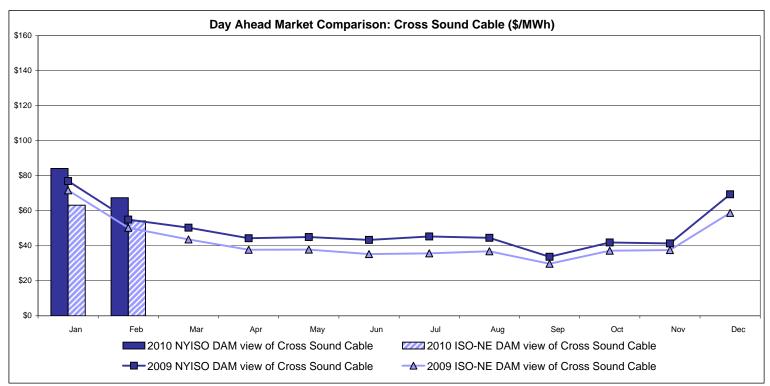


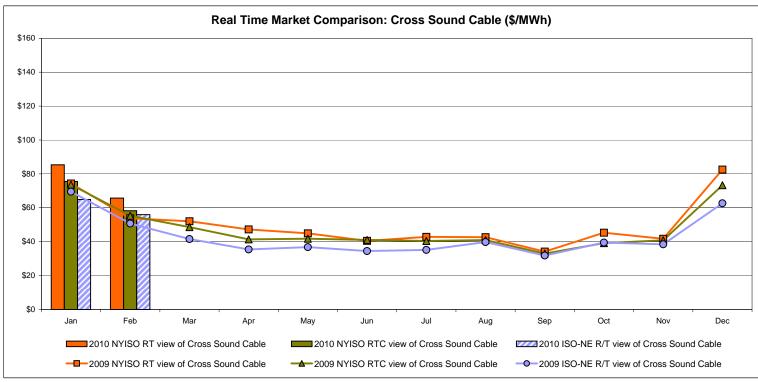


Notes: Exchange factor used for February 2010 was .95 to US \$

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

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





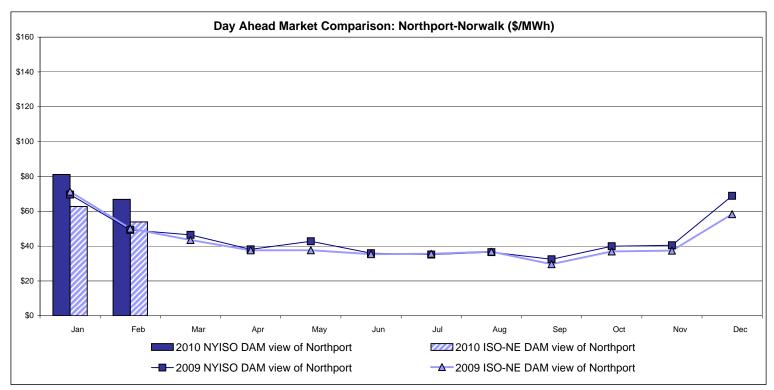
#### Note:

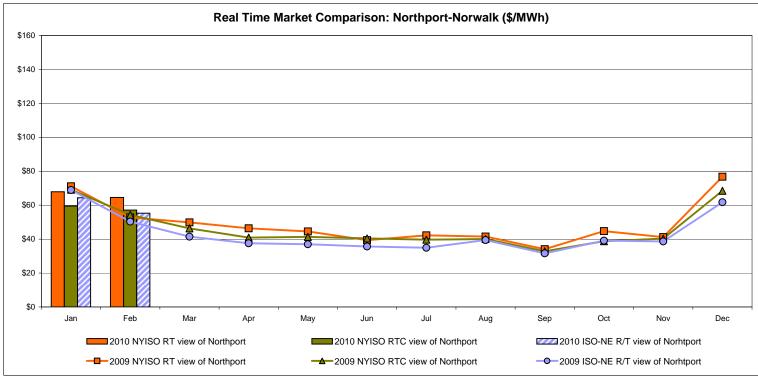
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





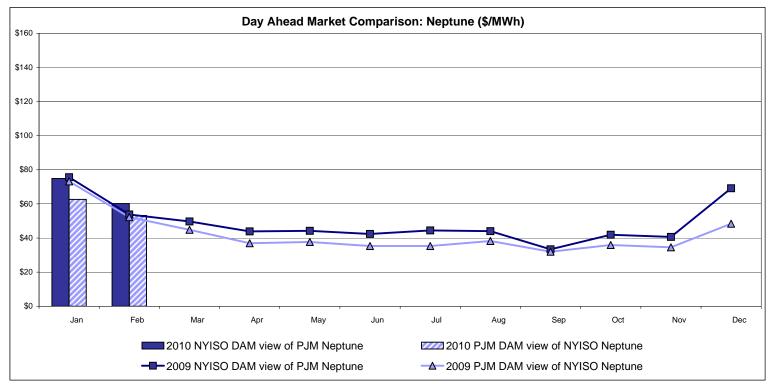
#### Note:

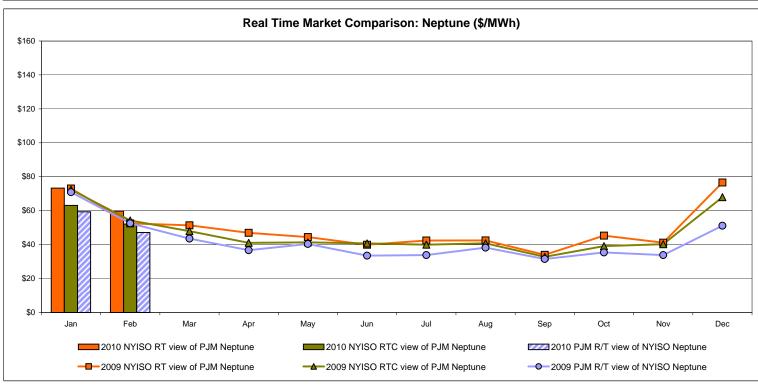
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

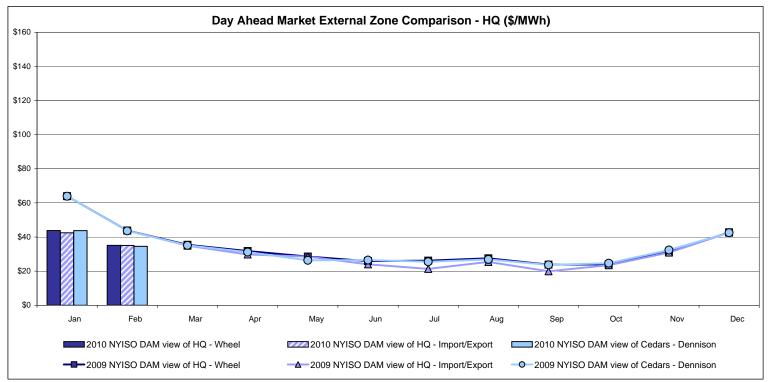
The DAM and R/T prices at the 1385 interface are used for NYISO.

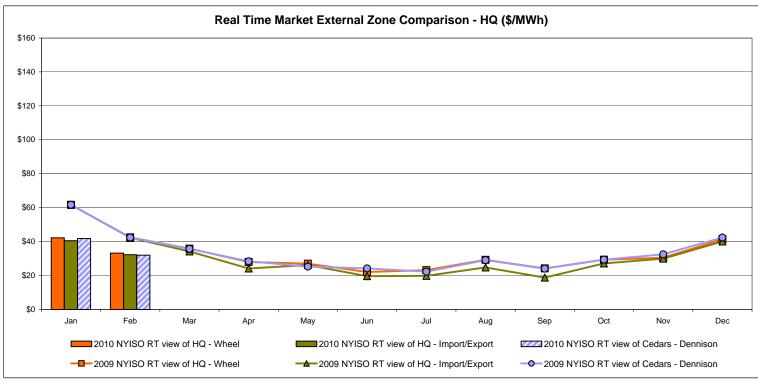
# **External Controllable Line: Neptune (PJM)**





# **External Comparison Hydro-Quebec**



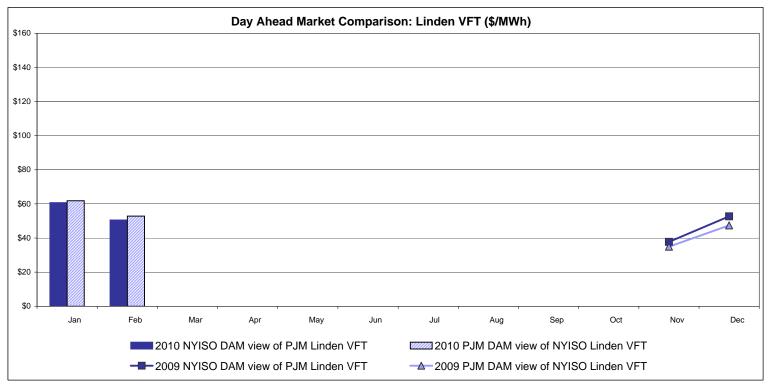


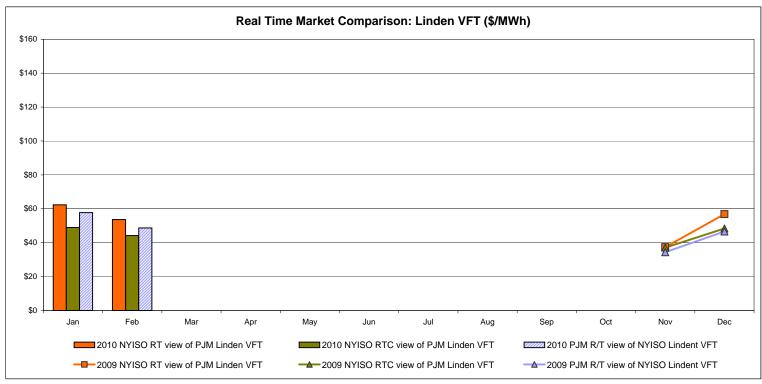
Note:

Hydro-Quebec Prices are unavailable.

Dennison Scheduled Line Data available beginning 10/1/2008.

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





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

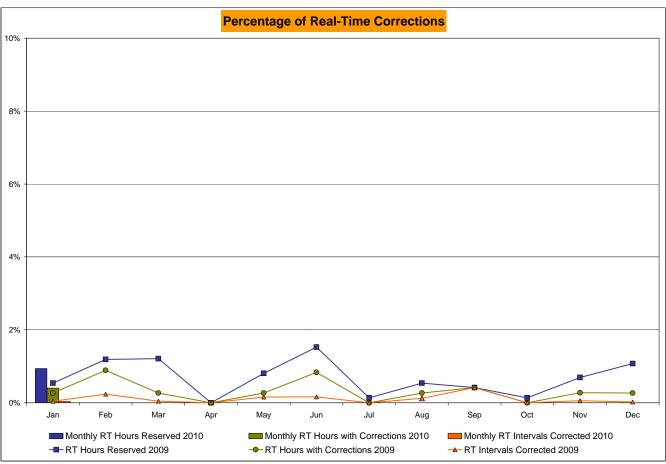
> Market Monitoring Prepared: 3/9/2010 3:29 PM

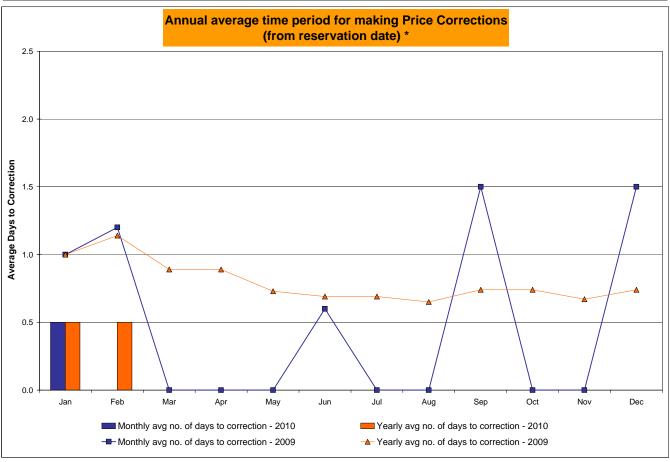
#### **NYISO Real Time Price Correction Statistics**

<u>2010</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
Hour Corrections	in the month	3	0										
Number of hours with corrections Number of hours	in the month in the month	3 744	672										
% of hours with corrections	in the month	0.40%	0.00%										
% of flours with corrections	in the month		0.00%										
% of hours with corrections	year-to-date	0.40%	0.21%										
Interval Corrections													
Number of intervals corrected	in the month	3	0										
Number of intervals	in the month	8,934	8,057										
% of intervals corrected	in the month	0.03%	0.00%										
% of intervals corrected	year-to-date	0.03%	0.02%										
Hours Reserved													
Number of hours reserved	in the month	7	0										
Number of hours	in the month	744	672										
% of hours reserved	in the month	0.94%	0.00%										
% of hours reserved	year-to-date	0.94%	0.49%										
Days to Correction *	•												
Avg. number of days to correction	in the month	0.50	0.00										
Avg. number of days to correction	year-to-date	0.50	0.50										
Days Without Corrections													
Days without corrections	in the month	29	28										
Days without corrections	year-to-date	29	57										
2009		January	February	March	April	May	June	July	August	September	October	November	December
2009 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
	in the month	<u>January</u> 2	<u>February</u> 6	March 2	<u>April</u> 0	<u>May</u> 2	<u>June</u> 6	<u>July</u> 0	August 2	September 3	October 0	November 2	<u>December</u> 2
Hour Corrections	in the month	<del></del>	·		<u></u> -	<del></del> -	<u></u>				·		
Hour Corrections  Number of hours with corrections		2	6	2	0	2	6	0	2	3	0	2	2
Hour Corrections  Number of hours with corrections  Number of hours	in the month	2 744	6 672	2 744	0 720	2 744	6 720	0 744 0.00%	2 744	3 720	0 744	2 720	2 744 0.27%
Hour Corrections  Number of hours with corrections  Number of hours  % of hours with corrections	in the month in the month	2 744 0.27%	6 672 0.89%	2 744 0.27%	0 720 0.00%	2 744 0.27%	6 720 0.83%	0 744	2 744 0.27%	3 720 0.42%	0 744 0.00%	2 720 0.28%	2 744
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	2 744 0.27%	6 672 0.89%	2 744 0.27%	0 720 0.00%	2 744 0.27%	6 720 0.83%	0 744 0.00%	2 744 0.27%	3 720 0.42%	0 744 0.00%	2 720 0.28%	2 744 0.27%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	2 744 0.27% 0.27%	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	2 744 0.27% 0.34%	3 720 0.42% 0.35%	0 744 0.00% 0.32%	2 720 0.28% 0.31%	2 744 0.27% 0.31%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date	2 744 0.27% 0.27%	6 672 0.89% 0.56%	2 744 0.27% 0.46%	0 720 0.00% 0.35%	2 744 0.27% 0.33%	6 720 0.83% 0.41%	0 744 0.00% 0.35%	2 744 0.27% 0.34%	3 720 0.42% 0.35%	0 744 0.00% 0.32%	2 720 0.28% 0.31%	2 744 0.27% 0.31%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 4 8,966	6 672 0.89% 0.56%	2 744 0.27% 0.46% 4 8,933	0 720 0.00% 0.35% 0 8,639	2 744 0.27% 0.33% 14 8,941	6 720 0.83% 0.41% 14 8,655	0 744 0.00% 0.35% 0 8,947	2 744 0.27% 0.34%	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 0.06%	2 744 0.27% 0.31% 2 8,941 0.02%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 4 8,966 0.04%	6 672 0.89% 0.56% 19 8,082 0.24%	2 744 0.27% 0.46% 4 8,933 0.04%	0 720 0.00% 0.35% 0 8,639 0.00%	2 744 0.27% 0.33% 14 8,941 0.16%	6 720 0.83% 0.41% 14 8,655 0.16%	0 744 0.00% 0.35% 0 8,947 0.00%	2 744 0.27% 0.34% 11** 8,910 0.12%	3 720 0.42% 0.35% 36 8,656 0.42%	0 744 0.00% 0.32% 0 8,933 0.00%	2 720 0.28% 0.31% 5 8,632	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	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 4 8,966 0.04%	6 672 0.89% 0.56% 19 8,082 0.24%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10%	0 720 0.00% 0.35% 0 8,639 0.00%	2 744 0.27% 0.33% 14 8,941 0.16%	6 720 0.83% 0.41% 14 8,655 0.16%	0 744 0.00% 0.35% 0 8,947 0.00%	2 744 0.27% 0.34% 11** 8,910 0.12%	3 720 0.42% 0.35% 36 8,656 0.42%	0 744 0.00% 0.32% 0 8,933 0.00%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11%	2 744 0.27% 0.31% 2 8,941 0.02%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13%	2 744 0.27% 0.46% 4 8,933 0.04%	0 720 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%	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	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 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 % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4 744 0.54%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53% 0.87%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.70%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved  Days to Correction *  Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4 744 0.54% 0.54%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53% 0.87%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.70%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4 744 0.54%	6 672 0.89% 0.56% 19 8,082 0.24% 0.13% 8 672 1.19% 0.85%	2 744 0.27% 0.46% 4 8,933 0.04% 0.10% 9 744 1.21% 0.97%	0 720 0.00% 0.35% 0 8,639 0.00% 0.08% 0 720 0.00% 0.73%	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75%	6 720 0.83% 0.41% 14 8,655 0.16% 0.11% 11 720 1.53% 0.87%	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77%	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74%	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.70%	0 744 0.00% 0.32% 0 8,933 0.00% 0.12% 1 744 0.13% 0.64%	2 720 0.28% 0.31% 5 8,632 0.06% 0.11% 5 720 0.69% 0.65%	2 744 0.27% 0.31% 2 8,941 0.02% 0.10% 8 744 1.08% 0.68%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved  Days to Correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 4 8,966 0.04% 0.04% 4 744 0.54% 0.54% 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%  0.00 0.89	2 744 0.27% 0.33% 14 8,941 0.16% 0.09% 6 744 0.81% 0.75% 0.00 0.73	6 720 0.83% 0.41%  14 8,655 0.16% 0.11%  11 720 1.53% 0.87%  0.60 0.69	0 744 0.00% 0.35% 0 8,947 0.00% 0.09% 1 744 0.13% 0.77% 0.00 0.69	2 744 0.27% 0.34% 11** 8,910 0.12% 0.09% 4 744 0.54% 0.74% 0.00 0.65	3 720 0.42% 0.35% 36 8,656 0.42% 0.13% 3 720 0.42% 0.70%	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 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%

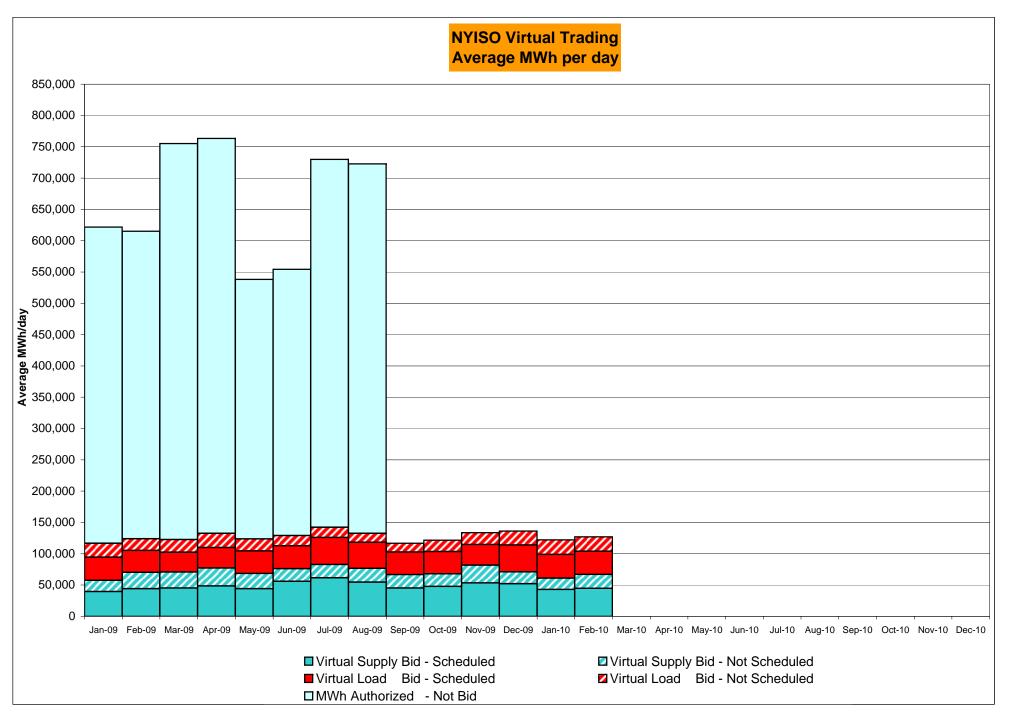
<sup>\*</sup> Calendar days from reservation date.

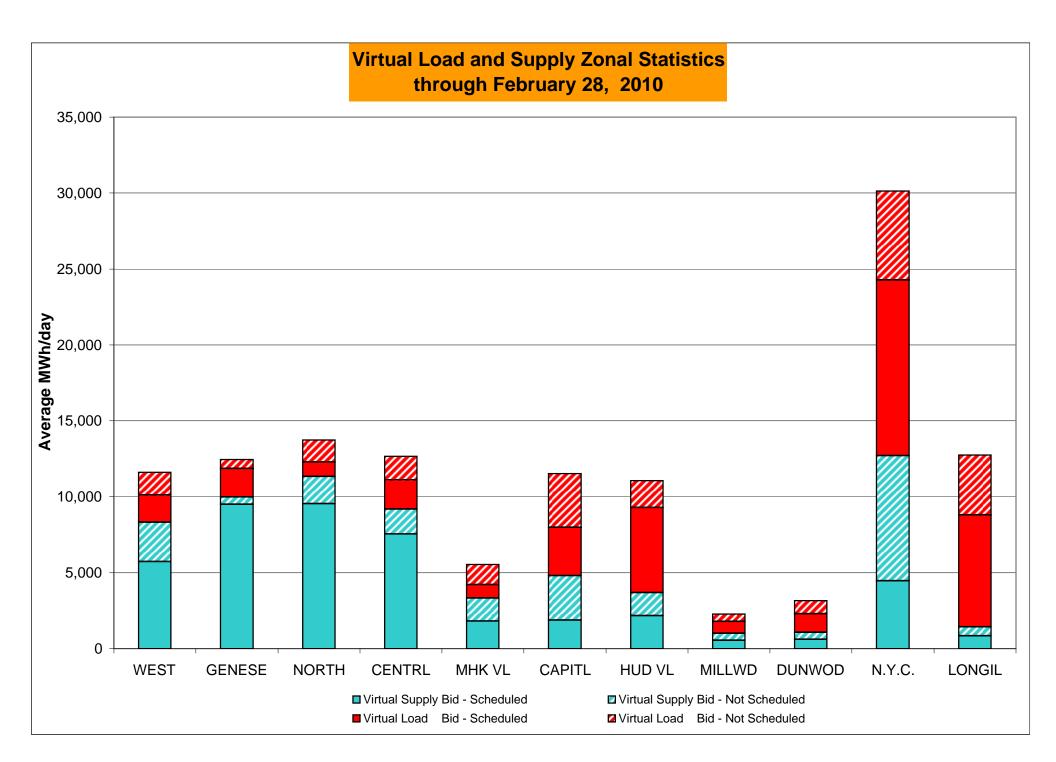
Market Monitoring Prepared: 3/3/2010 3:29 PM



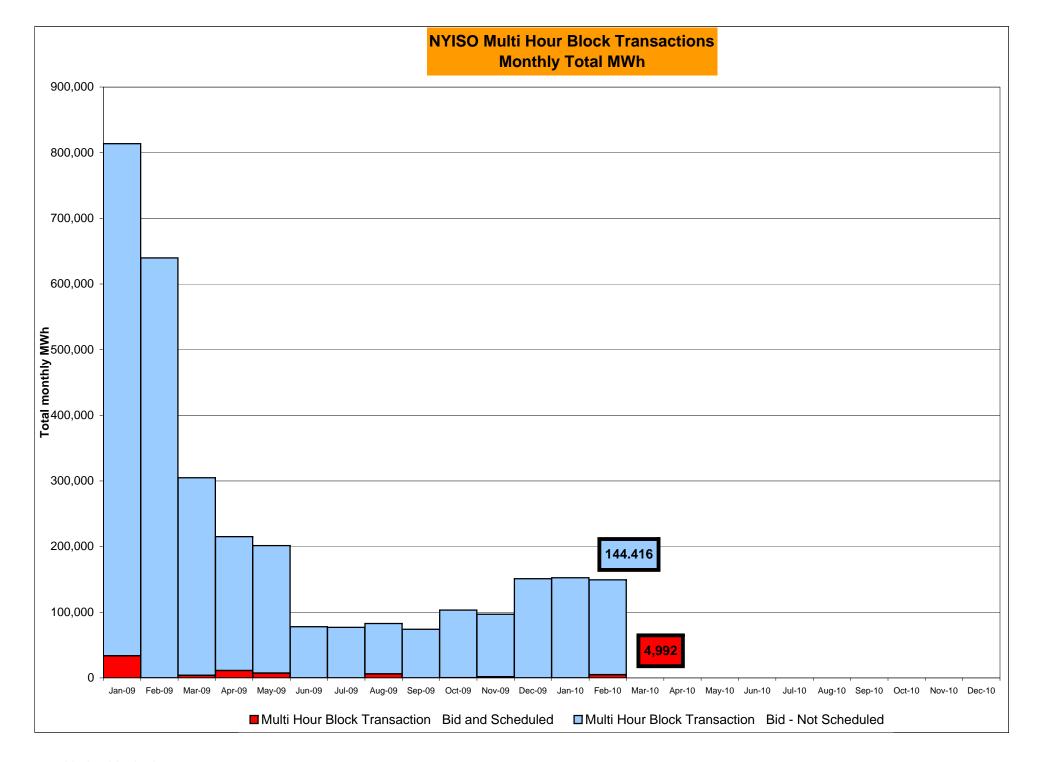


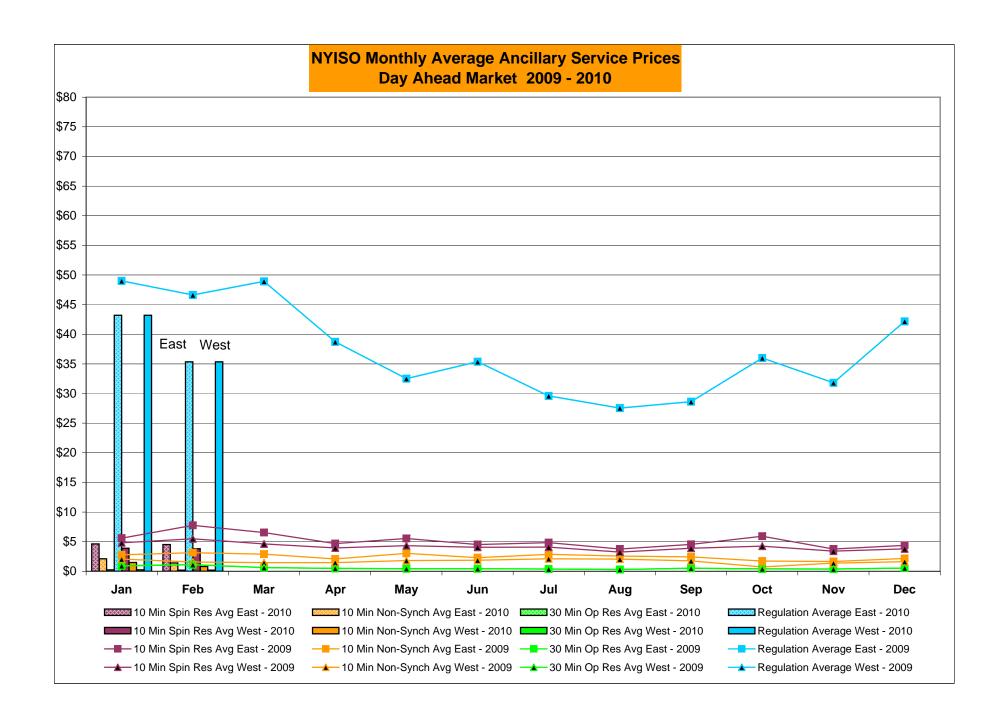
<sup>\*</sup> Calendar days from reservation date.

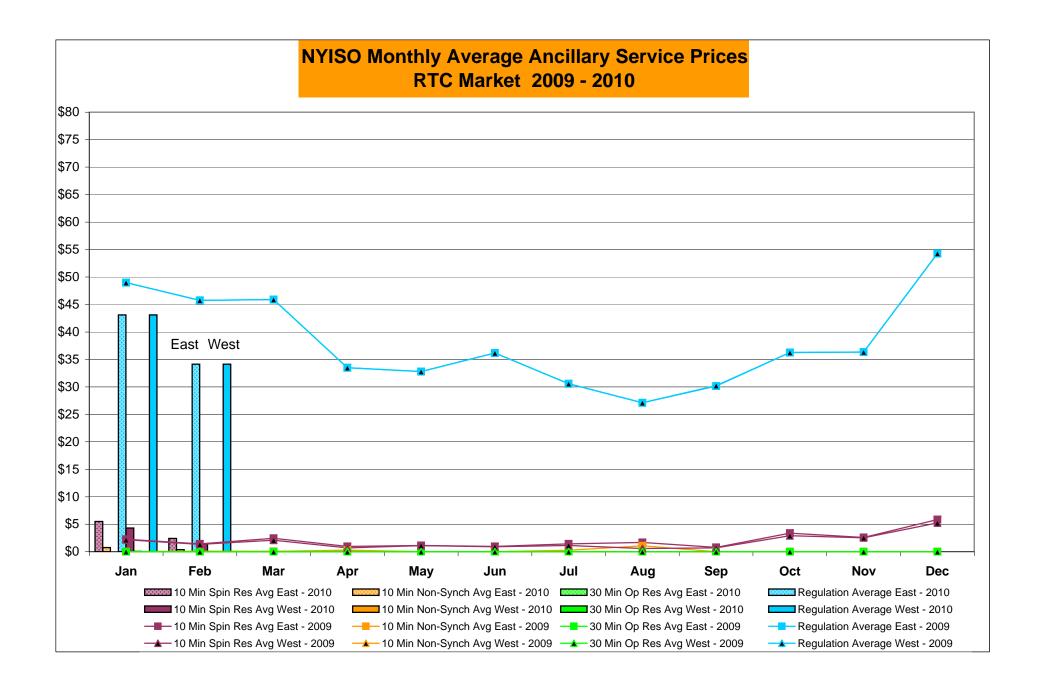


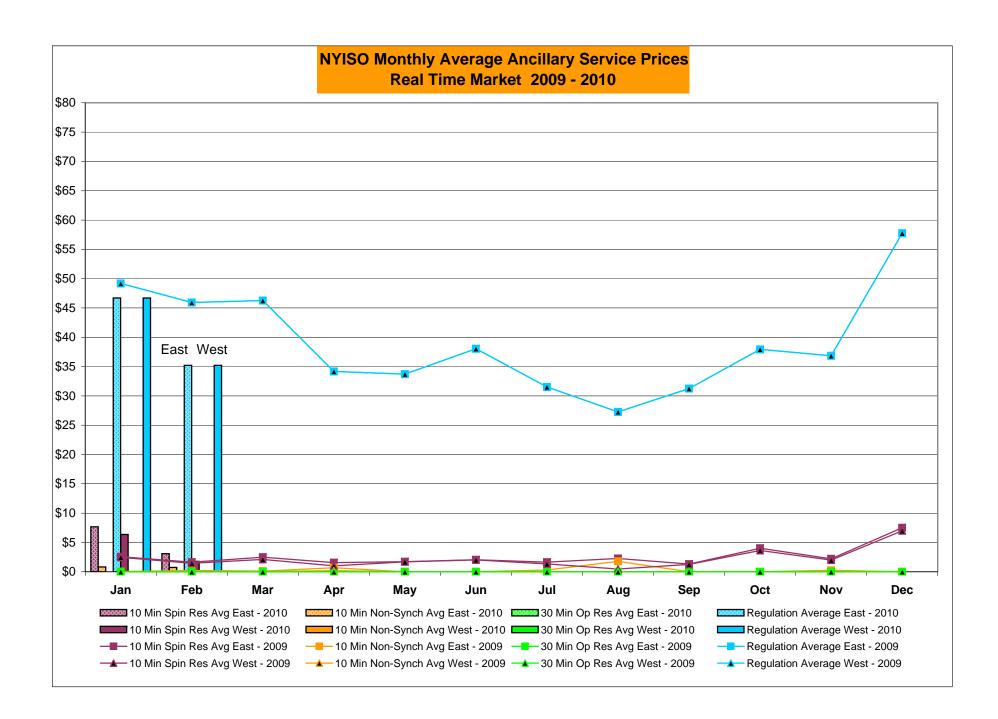


#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2010 **Virtual Supply Bid** Virtual Load Bid Virtual Supply Bid Virtual Load Bid **Virtual Supply Bid** Virtual Load Bid Not Not Not Not Not Not Scheduled Scheduled Date Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled Zone WEST 2369 639 7053 1096 MHK VL 1944 DUNWOD 1366 1007 493 Jan-10 Jan-10 566 1360 1812 Jan-10 715 Feb-10 1782 1503 5731 2602 Feb-10 900 1327 1812 1507 Feb-10 1229 852 615 463 Mar-10 Mar-10 Mar-10 Apr-10 Apr-10 Apr-10 May-10 May-10 May-10 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10 GENESE 1307 507 438 CAPITL N.Y.C. Jan-10 6615 Jan-10 3858 3282 1918 1988 Jan-10 9721 6433 4216 7305 Feb-10 1868 599 9495 497 Feb-10 3189 3547 1880 2918 Feb-10 11568 5863 4477 8219 Mar-10 Mar-10 Mar-10 Apr-10 Apr-10 Apr-10 May-10 May-10 May-10 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10 NORTH HUD VL LONGIL Jan-10 371 910 8227 1944 Jan-10 9362 1921 2611 911 Jan-10 7706 5282 946 254 Feb-10 946 1438 9552 1793 Feb-10 5602 1774 2178 1513 Feb-10 7375 3929 847 591 Mar-10 Mar-10 Mar-10 Apr-10 Apr-10 Apr-10 May-10 May-10 May-10 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10 CENTRL MILLWD NYISO Jan-10 768 1670 7053 1452 Jan-10 477 492 1256 492 Jan-10 37871 23210 42846 18184 1917 1556 7543 1652 786 472 462 37163 22861 44679 22218 Feb-10 Feb-10 549 Feb-10 Mar-10 Mar-10 Mar-10 Apr-10 Apr-10 Apr-10 May-10 May-10 May-10 Jun-10 Jun-10 Jun-10 Jul-10 Jul-10 Jul-10 Aug-10 Aug-10 Aug-10 Sep-10 Sep-10 Sep-10 Oct-10 Oct-10 Oct-10 Nov-10 Nov-10 Nov-10 Dec-10 Dec-10 Dec-10







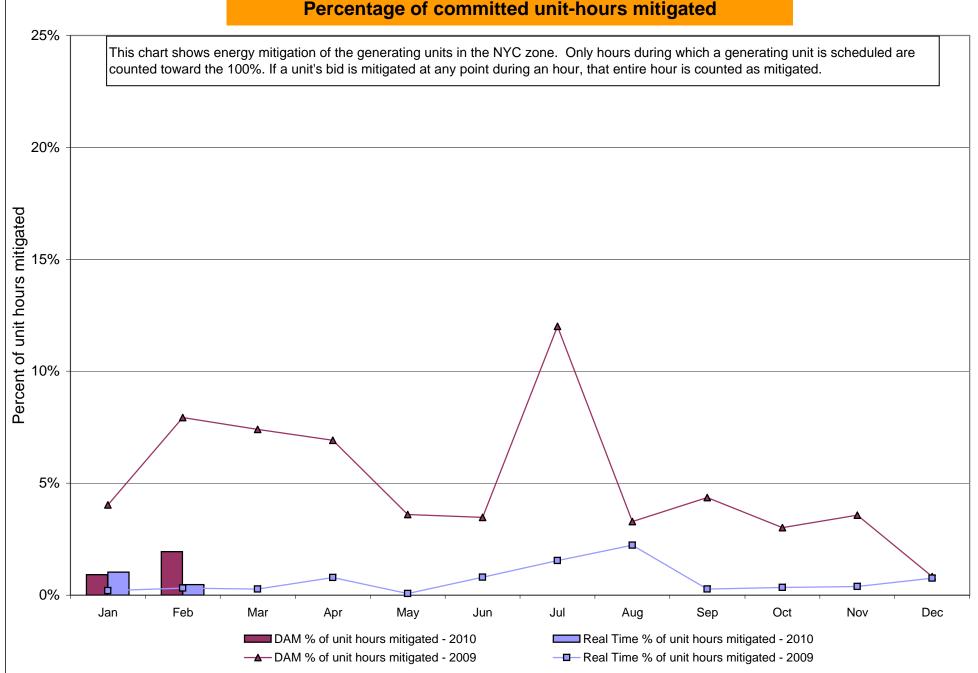


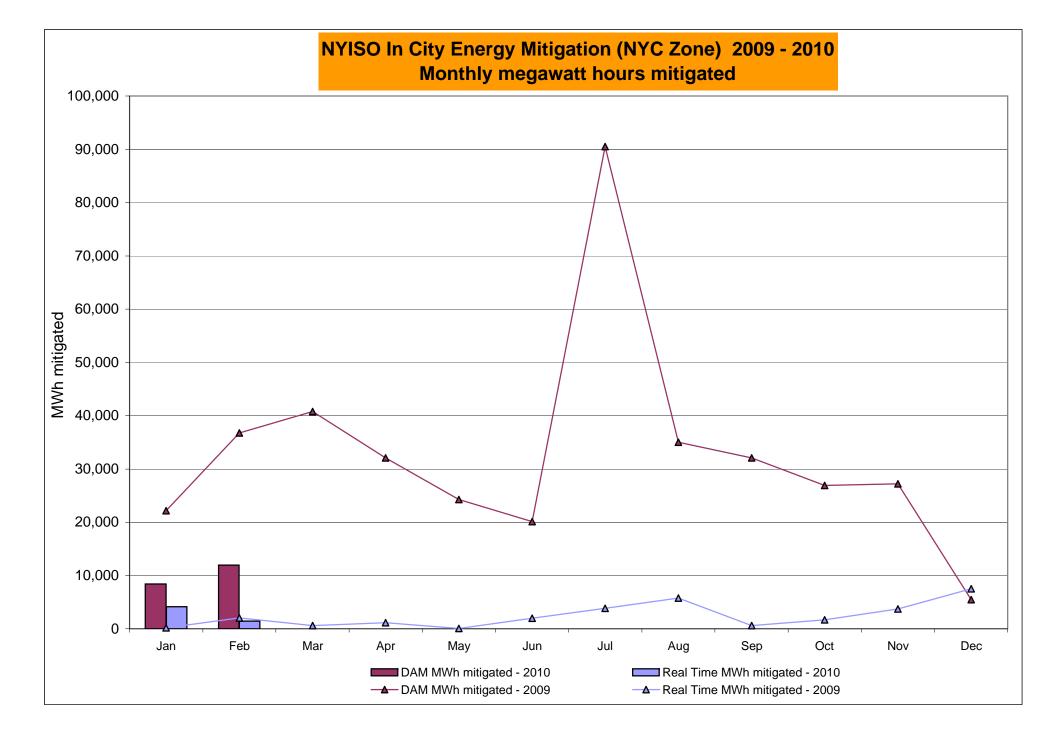
#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

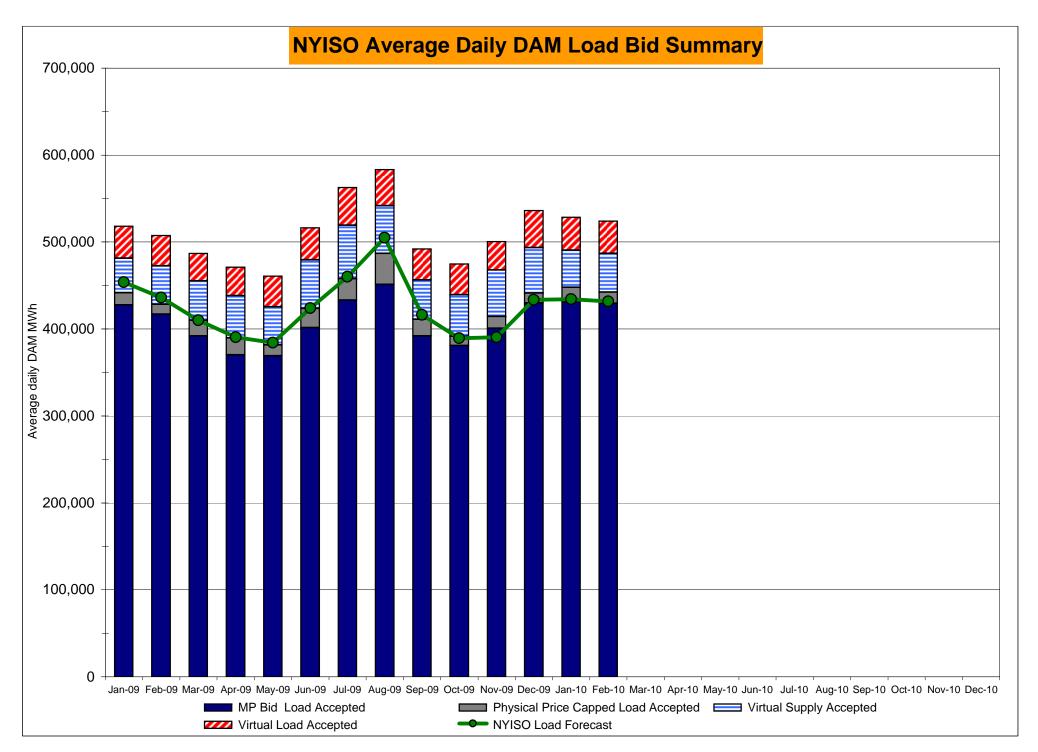
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2010	<u>January</u>	February	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market	<u>-</u>						<del></del>					
10 Min Spin East	4.62	4.51										
10 Min Spin West	3.90	3.80										
10 Min Non Synch East	2.11	1.42										
10 Min Non Synch West	1.49	0.80										
30 Min East	0.24	0.18										
30 Min West	0.24	0.18										
Regulation East	43.21	35.33										
Regulation West	43.21	35.33										
RTC Market												
10 Min Spin East	5.49	2.42										
10 Min Spin West	4.32	1.40										
10 Min Non Synch East	0.77	0.37										
10 Min Non Synch West	0.05	0.00										
30 Min East	0.00	0.00										
30 Min West		0.00										
	0.00											
Regulation East	43.11	34.13										
Regulation West	43.11	34.13										
Real Time Market												
10 Min Spin East	7.67	3.08										
10 Min Spin West	6.37	1.78										
10 Min Non Synch East	0.83	0.74										
10 Min Non Synch West	0.00	0.00										
30 Min East	0.00	0.00										
		0.00										
30 Min West	0.00											
Regulation East	46.71	35.21										
Regulation West	46.71	35.21										
2009	January	February	March	April	Mav	June	July	August	September	October	November	December
2009 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
Day Ahead Market	-											
Day Ahead Market  10 Min Spin East	5.60	7.74	6.54	4.66	5.53	4.50	4.84	3.76	4.54	5.90	3.75	4.38
Day Ahead Market  10 Min Spin East 10 Min Spin West	5.60 4.81	7.74 5.48	6.54 4.62	4.66 3.94	5.53 4.32	4.50 4.05	4.84 4.08	3.76 3.25	4.54 3.88	5.90 4.25	3.75 3.41	4.38 3.78
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East	5.60 4.81 2.77	7.74 5.48 3.13	6.54 4.62 2.88	4.66 3.94 2.09	5.53 4.32 3.03	4.50 4.05 2.31	4.84 4.08 2.86	3.76 3.25 2.56	4.54 3.88 2.42	5.90 4.25 1.74	3.75 3.41 1.66	4.38 3.78 2.16
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West	5.60 4.81 2.77 2.05	7.74 5.48 3.13 1.58	6.54 4.62 2.88 1.45	4.66 3.94 2.09 1.46	5.53 4.32 3.03 1.82	4.50 4.05 2.31 1.87	4.84 4.08 2.86 2.11	3.76 3.25 2.56 2.05	4.54 3.88 2.42 1.76	5.90 4.25 1.74 0.73	3.75 3.41 1.66 1.38	4.38 3.78 2.16 1.63
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	5.60 4.81 2.77 2.05 0.92	7.74 5.48 3.13 1.58 1.12	6.54 4.62 2.88 1.45 0.63	4.66 3.94 2.09 1.46 0.50	5.53 4.32 3.03 1.82 0.43	4.50 4.05 2.31 1.87 0.43	4.84 4.08 2.86 2.11 0.37	3.76 3.25 2.56 2.05 0.30	4.54 3.88 2.42 1.76 0.51	5.90 4.25 1.74 0.73 0.41	3.75 3.41 1.66 1.38 0.39	4.38 3.78 2.16 1.63 0.54
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West	5.60 4.81 2.77 2.05 0.92 0.92	7.74 5.48 3.13 1.58 1.12 1.12	6.54 4.62 2.88 1.45 0.63 0.63	4.66 3.94 2.09 1.46 0.50 0.50	5.53 4.32 3.03 1.82 0.43 0.43	4.50 4.05 2.31 1.87 0.43 0.43	4.84 4.08 2.86 2.11 0.37 0.37	3.76 3.25 2.56 2.05 0.30 0.30	4.54 3.88 2.42 1.76 0.51 0.51	5.90 4.25 1.74 0.73 0.41 0.41	3.75 3.41 1.66 1.38 0.39 0.39	4.38 3.78 2.16 1.63 0.54 0.54
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East	5.60 4.81 2.77 2.05 0.92 0.92 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71	5.53 4.32 3.03 1.82 0.43 0.43 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West	5.60 4.81 2.77 2.05 0.92 0.92	7.74 5.48 3.13 1.58 1.12 1.12	6.54 4.62 2.88 1.45 0.63 0.63	4.66 3.94 2.09 1.46 0.50 0.50	5.53 4.32 3.03 1.82 0.43 0.43	4.50 4.05 2.31 1.87 0.43 0.43	4.84 4.08 2.86 2.11 0.37 0.37	3.76 3.25 2.56 2.05 0.30 0.30	4.54 3.88 2.42 1.76 0.51 0.51	5.90 4.25 1.74 0.73 0.41 0.41	3.75 3.41 1.66 1.38 0.39 0.39	4.38 3.78 2.16 1.63 0.54 0.54
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West	5.60 4.81 2.77 2.05 0.92 0.92 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71	5.53 4.32 3.03 1.82 0.43 0.43 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17
Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04 0.00	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.05	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 48.98	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 0.00 32.80	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 0.00 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 0.00 36.24	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 0.00 54.29
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  PTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 48.98	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 0.00 32.80	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 0.00 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 0.00 36.24	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 0.00 54.29
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West Regulation East Regulation West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 48.98 48.98	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14 30.23	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 0.00 36.24 36.24	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 0.00 54.29 54.29
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East Regulation West Regulation West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 48.98 48.98	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 0.00 45.90 45.90	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55 1.68 0.57 1.06 0.00 0.00 0.00 27.12 27.12	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14 30.23	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 0.00 36.24 36.24	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 0.00 54.29 54.29
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West  PTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min East Regulation East Regulation East Regulation East Regulation West  Regulation West  Real Time Market 10 Min Spin East 10 Min Spin East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 48.98 48.98	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 45.90 45.90 2.49 2.09	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 27.12 27.12 2.26 0.48	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14 30.23	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 0.00 36.24 36.24	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 0.00 54.29 54.29 7.50 7.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min East Regulation East Regulation East Regulation West Regulation East Regulation West  Real Time 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 0.00 0.00 0.00 48.98 48.98 2.57 2.46 0.03	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 1.73 1.70 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59 1.65 1.33 0.31	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 27.12 27.12  2.26 0.48 1.77	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 0.00 30.14 30.23 1.32 1.25 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 0.00 36.24 36.24 4.01 3.62 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99 0.24	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 0.00 54.29 54.29 7.50 7.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min East 30 Min West Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East 10 Min Spin East Regulation East Regulation West Red Time Market 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 48.98 48.98 2.57 2.46 0.03 0.03	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 0.00 33.49 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 1.73 1.70 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 27.12 27.12  2.26 0.48 1.77 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 30.14 30.23 1.32 1.25 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 36.24 36.24 4.01 3.62 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 54.29 54.29 7.50 7.00 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min East 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min East Regulation West Regulation East Regulation East Regulation East Regulation West Regulation West Resulation West Red Time Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Spin West	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 0.00 48.98 48.98 2.57 2.46 0.03 0.03	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 33.49 33.49	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52 1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80 1.73 1.70 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59 1.65 1.33 0.31 0.00 0.00	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 27.12 27.12  2.26 0.48 1.77 0.00 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63 0.79 0.71 0.00 0.00 0.00 30.14 30.23 1.32 1.25 0.00 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 0.00 36.24 36.24 4.01 3.62 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 54.29 54.29 7.50 7.00 0.00 0.00 0.00 0.00
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 10 Min West Regulation West Regulation West Regulation East Regulation East Regulation West Regulation West Regulation West Red I'me Market 10 Min Spin West 10 Min Non Synch East 10 Min Synch East 10 Min Synch West 30 Min East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 48.98 48.98 2.57 2.46 0.03 0.03	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76 1.65 1.43 0.22 0.05 0.00 0.00	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00 0.00	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 33.49 33.49 1.55 1.01 0.69 0.19 0.00	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80  1.73 1.70 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17 2.06 2.02 0.00 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59 1.65 1.33 0.31 0.00 0.00 0.00	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 27.12 27.12  2.26 0.48 1.77 0.00 0.00 0.00 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63  0.79 0.71 0.00 0.00 0.00 30.14 30.23  1.32 1.25 0.00 0.00 0.00 0.00 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 36.24 36.24 4.01 3.62 0.00 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00 0.00 0.00	4.38 3.78 2.16 1.63 0.54 0.54 42.17 42.17 5.85 5.24 0.00 0.00 0.00 54.29 54.29 7.50 7.00 0.
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  To Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation West Regulation West Regulation East Regulation West Regulation West Regulation West To Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01  2.27 2.20 0.00 0.00 0.00 0.00 48.98 48.98  2.57 2.46 0.03 0.03 49.19	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 45.95	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.05 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00 0.00 45.90	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71  0.97 0.70 0.30 0.10 0.00 33.49 33.49  1.55 1.01 0.69 0.19 0.00 0.00 34.17	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	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	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 0.00 0.00 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63  0.79 0.71 0.00 0.00 0.00 30.14 30.23  1.32 1.25 0.00 0.00 0.00 0.00 0.00 31.26	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99  3.38 2.90 0.00 0.00 0.00 0.00 36.24 36.24 4.01 3.62 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00 0.00 36.84	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 0.0
Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 10 Min West Regulation West Regulation West Regulation East Regulation East Regulation West Regulation West Regulation West Red I'me Market 10 Min Spin West 10 Min Non Synch East 10 Min Synch East 10 Min Synch West 30 Min East	5.60 4.81 2.77 2.05 0.92 0.92 49.01 49.01 2.27 2.20 0.00 0.00 0.00 48.98 48.98 2.57 2.46 0.03 0.03	7.74 5.48 3.13 1.58 1.12 1.12 46.62 46.62 46.62 1.44 1.35 0.08 0.04 0.00 0.00 45.76 45.76 1.65 1.43 0.22 0.05 0.00 0.00	6.54 4.62 2.88 1.45 0.63 0.63 48.92 48.92 2.43 2.09 0.05 0.00 0.00 45.90 45.90 2.49 2.09 0.10 0.05 0.00 0.00	4.66 3.94 2.09 1.46 0.50 0.50 38.71 38.71 0.97 0.70 0.30 0.10 0.00 33.49 33.49 1.55 1.01 0.69 0.19 0.00	5.53 4.32 3.03 1.82 0.43 0.43 32.52 32.52  1.12 1.10 0.00 0.00 0.00 0.00 32.80 32.80  1.73 1.70 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.50 4.05 2.31 1.87 0.43 0.43 35.37 35.37 0.96 0.91 0.00 0.00 0.00 0.00 36.17 36.17 2.06 2.02 0.00 0.00 0.00	4.84 4.08 2.86 2.11 0.37 0.37 29.59 29.59 1.41 1.13 0.27 0.00 0.00 0.00 30.59 30.59 1.65 1.33 0.31 0.00 0.00 0.00	3.76 3.25 2.56 2.05 0.30 0.30 27.55 27.55  1.68 0.57 1.06 0.00 0.00 27.12 27.12  2.26 0.48 1.77 0.00 0.00 0.00 0.00	4.54 3.88 2.42 1.76 0.51 0.51 28.63 28.63  0.79 0.71 0.00 0.00 0.00 30.14 30.23  1.32 1.25 0.00 0.00 0.00 0.00 0.00 0.00	5.90 4.25 1.74 0.73 0.41 0.41 35.99 35.99 3.38 2.90 0.00 0.00 0.00 36.24 36.24 4.01 3.62 0.00 0.00 0.00	3.75 3.41 1.66 1.38 0.39 0.39 31.80 31.80 2.58 2.53 0.01 0.00 0.00 36.34 36.34 2.22 1.99 0.24 0.03 0.00 0.00 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.

Market Monitoring Prepared: 3/2/2010 4:11 PM

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

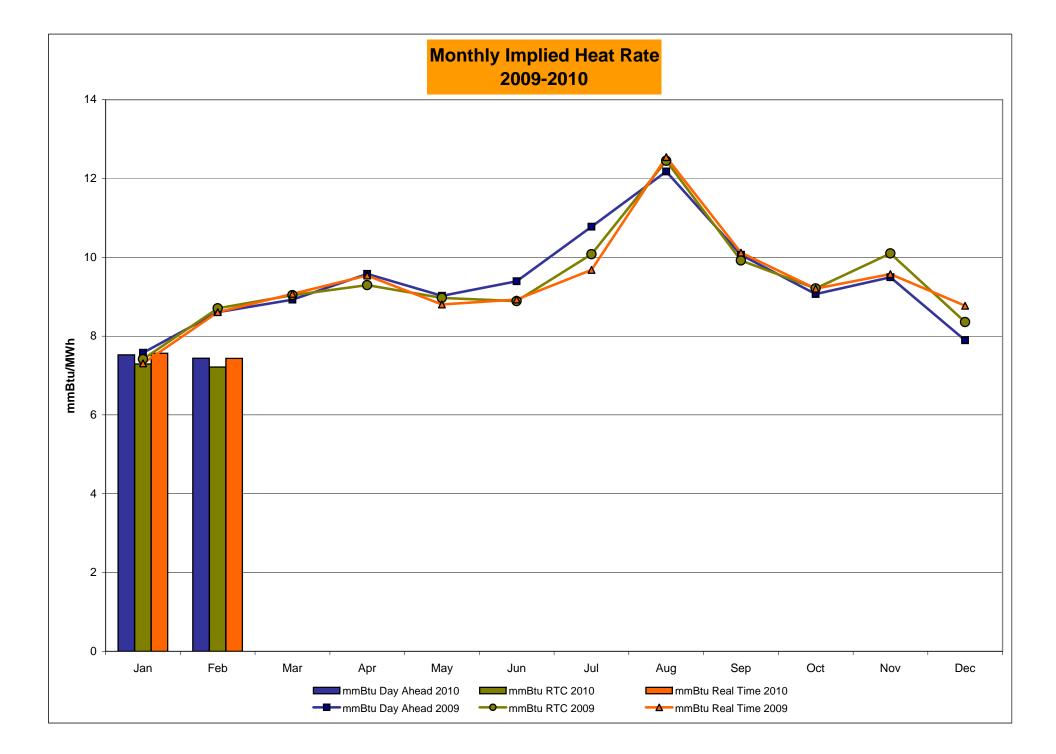




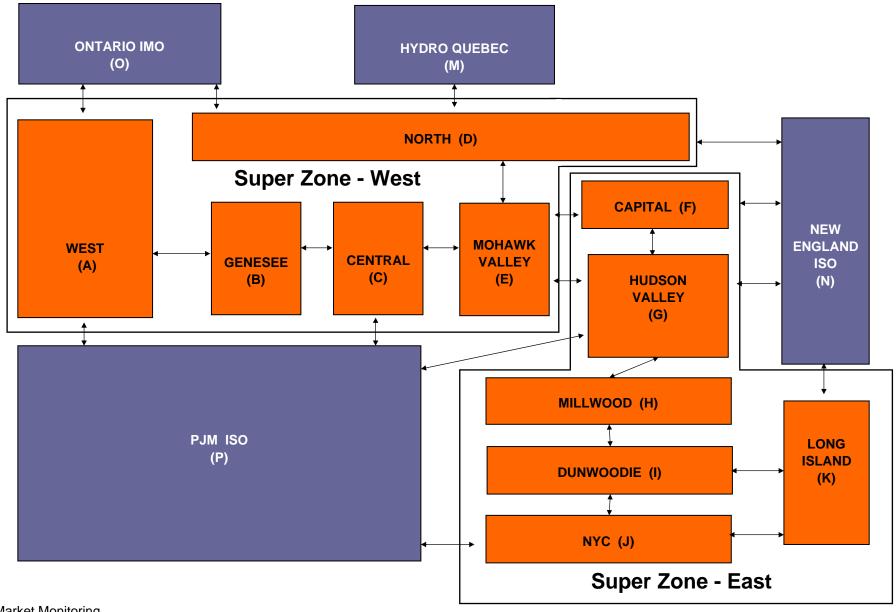


Market Monitoring

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# NYISO LBMP ZONES

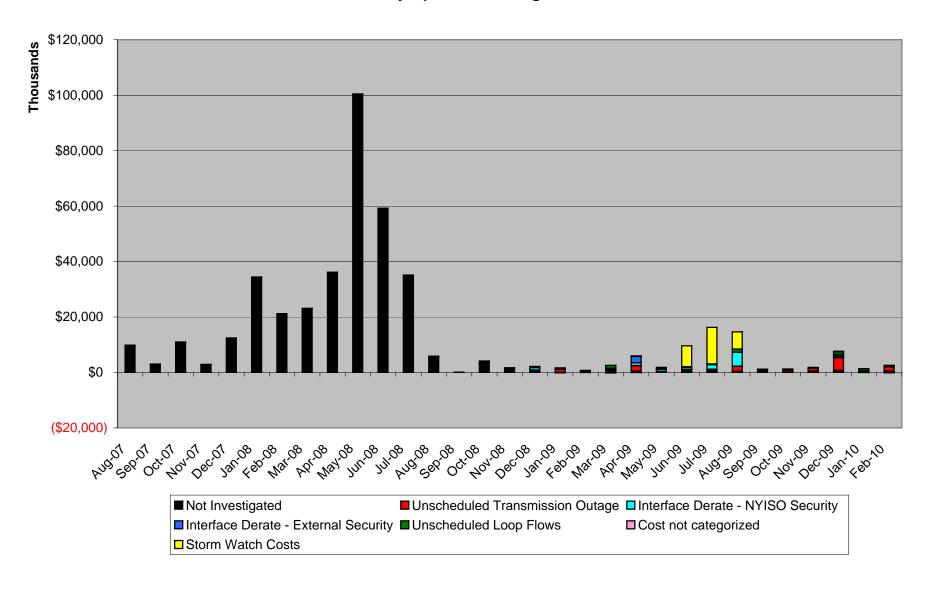


Market Monitoring
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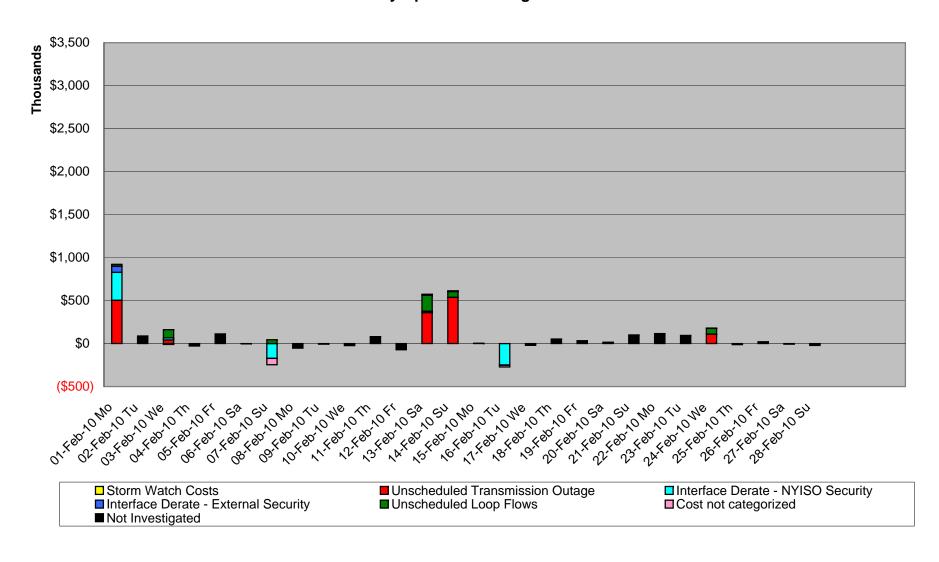
#### **Billing Codes for Chart 4-C**

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

# NYISO Balancing Market Congestion Residual Report Monthly Uplift Cost Categories



February 2010
Balancing Market Congestion Residual Report
Daily Uplift Cost Categories



Day's investigated in February: 1, 3, 7, 13, 14, 16, 24

20100201		ilvestigated iii i ebit		
20100201   7-8  Forced outage Niegara 345kV bus-side breakers   20100201   11-13, 19-21   Derate Greenwood/Staten Island, Rainey-Vernon 138kV (#36312) for SCB Vernon 7E   Derate Astoria West/Queensbridge/Vernon, Sherman Creek-E 179th Street 138kV (#15032) for I/o Tre 20100201   10-11, 16 Derate Least-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)   20100201   8, 20 NYCA DNI Ramp Limit   Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#92) for I/o 20100201   8, 20 PJM DNI Ramp Limit   Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for I/o 20100201   17, 18 Extended outage Hurley Avenue-Leeds 345kV (#301)   20100203   16 Derate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)   20100203   1-4, 6 Derate Central East   Derate Astoria West/QueensBridge/Vernon, Rainey-Vernon 138kV (#36312) and Greenwood-Gowanu: 20100203   10, 15, 20-21   Uprate Central East   Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for I/o 20100203   1, 18 Pleasant Valley 345kV (#91)   20100203   20 Please Central East   20100207   20 Please Central East   201002	Event			
20100201   11-13, 19-21   Derate Greenwood/Staten Island, Rainey-Vermon 138kV (#36312) for SCB Vermon 7E		20100201		
Derate Astoria West/Queensbridge/Vernon, Sherman Creek-E 179th Street 138kV (#15032) for I/o Tre 20100201   10-11, 16 Derate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)				
20100201		20100201	11-13, 19-21	Derate Greenwood/Staten Island, Rainey-Vernon 138kV (#36312) for SCB Vernon 7E
20100201				Derate Astoria West/Queensbridge/Vernon, Sherman Creek-E 179th Street 138kV (#15032) for I/o Tremont-
20100201		20100201		
20100201		20100201	10-11, 16	Derate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)
Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for l/c		20100201	8, 20	NYCA DNI Ramp Limit
20100201   9-11   Pleasant Valley 345kV (#91)   20100203   17,18   Extended outage Hurley Avenue-Leeds 345kV (#301)   20100203   20-22   Forced outage Neptune-Duffy Avenue 345kV (#501)   20100203   16   Derate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)   20100203   1-4, 6   Derate Central East   Derate Astoria West/QueensBridge/Vernon, Rainey-Vernon 138kV (#36312) and Greenwood-Gowanus (#42232) for SCB Vernon 7E   20100203   10, 15, 20-21   Uprate Central East   Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for I/o   Pleasant Valley 345kV (#91)   20100203   4   Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Central East   12,13,16,17,   20100207   1   Derate Central East   20100207   21   Uprate Central East   20100207   21   Uprate Central East   20100207   3, 3-4   Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Central East   20100213   5-10, 12-22   Unscheduled unit AVR outage; Central East Derate   20100213   18   NYCA DNI Ramp Limit   6-10, 17, 19   20100214   13, 16-18   Unscheduled unit AVR outage; Central East Derate   20100214   7-11   Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Central East   10, 13-14,   20100216   17-19   Uprate Central East   20100216   20   NE DNI Ramp Limit   20100224   6-8   Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)		20100201	8, 20	PJM DNI Ramp Limit
20100203				Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for I/o Athens-
20100203   20-22   Forced outage Neptune-Duffy Avenue 345kV (#501)		20100201	9-11	Pleasant Valley 345kV (#91)
20100203		20100203	17,18	Extended outage Hurley Avenue-Leeds 345kV (#301)
20100203		20100203	20-22	Forced outage Neptune-Duffy Avenue 345kV (#501)
Derate Astoria West/QueensBridge/Vernon, Rainey-Vernon 138kV (#36312) and Greenwood-Gowanus 20100203		20100203	16	Derate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)
20100203 10, 15, 20-21 Uprate Central East  20100203 17, 18 Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for l/c 20100203 4 Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Central East 20100207 1 Derate Central East 20100207 21 Uprate Central East 20100207 21 Uprate Central East 20100207 0, 3-4 Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Central East 20100207 0, 3-4 Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Central East 20100213 5-10, 12-22 Unscheduled unit AVR outage; Central East Derate 20100213 18 NYCA DNI Ramp Limit 6-10, 17, 19 20100214 13, 16-18 Unscheduled unit AVR outage; Central East Derate 20100214 7-11 Lake Eric clockwise circulation, DAM-RTM exceeds 300MW: Central East 10, 13-14, 20100216 17-19 Uprate Central East 20100216 0 HQ-NY Scheduling Limit 20100224 6-8 Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)		20100203	1-4, 6	Derate Central East
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20100203 10, 15, 20-21 Uprate Central East		20100203		
Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for Volume 20100203				
Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for Volume 20100203		20100203	10, 15, 20-21	Uprate Central East
20100203			, ,	Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#92) for I/o Athens-
20100203		20100203	17, 18	Pleasant Valley 345kV (#91)
20100207		20100203	4	Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East
20100207		20100207		
20100207 0, 3-4 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East 20100213 5-10, 12-22 Unscheduled unit AVR outage; Central East Derate 20100213 18 NYCA DNI Ramp Limit 6-10, 17, 19- 20100213 22 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East 0-3, 5-11, 20100214 13, 16-18 Unscheduled unit AVR outage; Central East Derate 20100214 7-11 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East 10, 13-14, 20100216 17-19 Uprate Central East 20100216 0 HQ-NY Scheduling Limit 20100224 6-8 Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)			12,13,16,17,	
20100213 5-10, 12-22 Unscheduled unit AVR outage; Central East Derate 20100213 18 NYCA DNI Ramp Limit 6-10, 17, 19- 20100213 22 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East 0-3, 5-11, 20100214 13, 16-18 Unscheduled unit AVR outage; Central East Derate 20100214 7-11 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East 10, 13-14, 20100216 17-19 Uprate Central East 20100216 0 HQ-NY Scheduling Limit 20100216 20 NE DNI Ramp Limit 20100224 6-8 Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)		20100207	21	Uprate Central East
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6-10, 17, 19- 20100213  22 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East  0-3, 5-11, 20100214  13, 16-18 Unscheduled unit AVR outage; Central East Derate  20100214  7-11 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East  10, 13-14, 20100216  17-19 Uprate Central East  20100216  0 HQ-NY Scheduling Limit  20100216  20 NE DNI Ramp Limit  20100224  6-8 Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)		20100213	5-10, 12-22	Unscheduled unit AVR outage; Central East Derate
6-10, 17, 19- 20100213  22 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East  0-3, 5-11, 20100214  13, 16-18 Unscheduled unit AVR outage; Central East Derate  20100214  7-11 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East  10, 13-14, 20100216  17-19 Uprate Central East  20100216  0 HQ-NY Scheduling Limit  20100216  20 NE DNI Ramp Limit  20100224  6-8 Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)		20100213	18	NYCA DNI Ramp Limit
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20100214 7-11 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East 10, 13-14, 20100216 17-19 Uprate Central East 20100216 0 HQ-NY Scheduling Limit 20100216 20 NE DNI Ramp Limit 20100224 6-8 Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)				
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20100216 20 NE DNI Ramp Limit 20100224 6-8 Forced outage Marcy-Coopers Corners 345kV (#UCC2-41)				
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ZUTUUZZ41 U-UIT UTUEU UULAYE LEEUS UVO STONY		20100224		Forced outage Leeds SVC 345kV
20100224 6 Lake Erie clockwise circulation, DAM-RTM exceeds 300MW: Central East				·

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

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

#### Monthly Balancing Market Congestion Report Assumptions/Notes

- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) At a minimum those days with \$100 K/HR, shortfall of \$200 K/Day or more, or surplus of \$100 K/Day or more are investigated
- 3) Uplift costs associated with multiple event types are apportioned equally by hour
- 4) Investigations began with Dec 2008. Prior months are reported as Not Investigated.