

# **Market Operation's Report**

Business Issues Committee Meeting March 14, 2012

Agenda #3

## **Report Items**

Market Performance Highlights

# Market Performance Highlights for February 2012

- LBMP for February is \$32.44/MWh, down from \$44.00/MWh in January 2012.
  - Day Ahead and Real Time Load Weighted LBMPs are down compared to January 2012.
- Average monthly year-to-date cost of \$41.05/MWh, a decrease from the previous month, \$46.67/MWh.
- Average daily sendout is 431 GWh/day in February; down from 443 GWh/day in January 2012 and lower than 447 GWh/day in February 2011.
- Natural gas is down while distillate prices are up compared to the previous month.
  - Natural Gas is \$3.15/MMBtu, down from \$5.09/MMBtu in January.
  - Kerosene is \$24.43/MMBtu, up from \$23.46/MMBtu in January.
  - No. 2 Fuel Oil is \$22.75/MMBtu, up from \$21.62/MMBtu in January.
  - No. 6 Fuel Oil is \$19.86/MMBtu, up from \$18.61/MMBtu in January.
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is \$0.13/MWh, lower than \$0.36/MWh in January.
    - The TSA Share is \$0.00/MWh
    - The Local Reliability Share is \$0.04/MWh
    - The Other Share is \$0.09/MWh
  - Total uplift (Schedule 1 components including NYISO Cost of Operations) is lower compared to January.

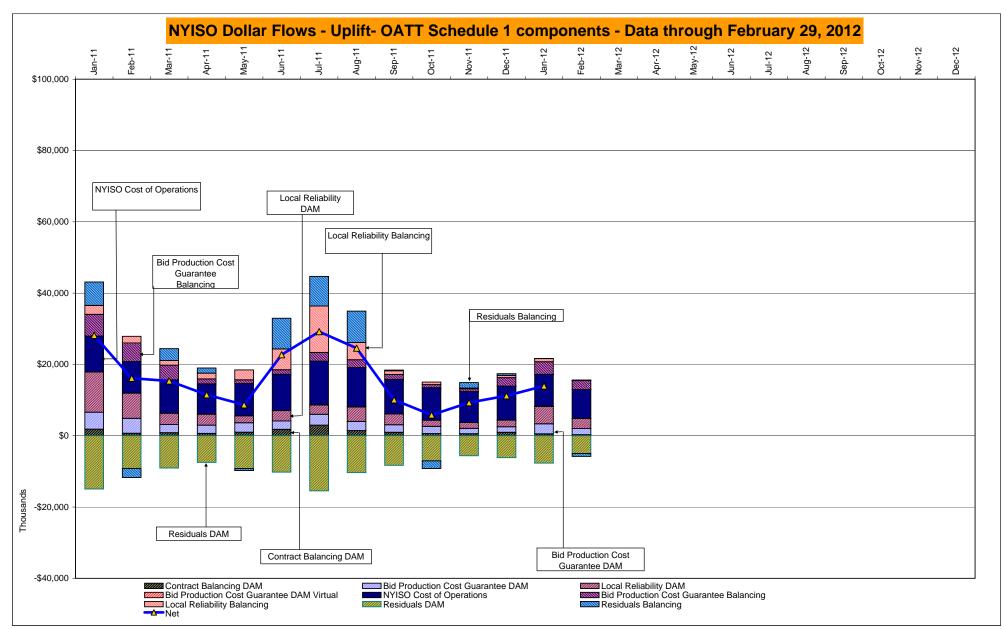
#### Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2011 Annual Average \$56.55/MWh February 2011YTD Average \$68.82/MWh February 2012YTD Average \$41.05/MWh \$240 \$220 \$200 \$180 \$160 \$140 \$120 \$100 \$80 \$60 \$40 \$20 3/3/2012 1/18/2012 1/27/2012 2/5/2012 2/23/2012 3/21/2012 3/30/2012 5/14/2012 5/23/2012 6/19/2012 7/7/2012 7/16/2012 7/25/2012 8/21/2012 8/30/2012 9/17/2012 9/26/2012 11/1/2012 TIMESTAMP 4/8/2012 5/5/2012 8/3/2012 9/8/2012 1/9/2012 2/14/2012 10/5/2012 10/14/2012 11/10/2012 11/19/2012 12/16/2012 12/25/2012 3/12/2012 4/17/2012 4/26/2012 6/1/2012 6/10/2012 6/28/2012 8/12/2012 10/23/2012 11/28/2012 12/7/2012 2012 2011

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

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

LBMP NTAC Reserve Regulation NYISO Cost of Operations	January 44.00 0.85 0.35 0.10 0.64	32.44 0.80 0.25 0.08 0.64	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
Uplift	0.36	0.13										
Uplift: TSA Share	0.45	-										
Uplift: Local Reliability Share Uplift: Other Share	0.15 0.21	0.04 0.09										
Voltage Support and Black Start	0.21	0.09										
Avg Monthly Cost	46.67	34.72										
Avg Monthly Cost	40.07	J4.72										
Avg YTD Cost	46.67	41.05										
2011	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
<b>2011</b> LBMP	<u>January</u> 74.91	February 55.60	March 46.98	<u>April</u> 46.44	<u>May</u> 48.49	<u>June</u> 60.33	<u>July</u> 75.76	August 56.04	September 46.86	October 42.48	November 38.97	December 39.73
	74.91 0.62	55.60 0.75	46.98 0.86	46.44 0.81	48.49 1.13	60.33 1.22	75.76 0.66	56.04 0.60	46.86 0.43	42.48 0.56	38.97 0.62	39.73 0.69
LBMP NTAC Reserve	74.91 0.62 0.44	55.60 0.75 0.50	46.98 0.86 0.41	46.44 0.81 0.43	48.49 1.13 0.48	60.33 1.22 0.28	75.76 0.66 0.28	56.04 0.60 0.13	46.86 0.43 0.25	42.48 0.56 0.41	38.97 0.62 0.26	39.73 0.69 0.28
LBMP NTAC Reserve Regualtion	74.91 0.62 0.44 0.20	55.60 0.75 0.50 0.18	46.98 0.86 0.41 0.15	46.44 0.81 0.43 0.12	48.49 1.13 0.48 0.10	60.33 1.22 0.28 0.15	75.76 0.66 0.28 0.12	56.04 0.60 0.13 0.09	46.86 0.43 0.25 0.08	42.48 0.56 0.41 0.09	38.97 0.62 0.26 0.08	39.73 0.69 0.28 0.09
LBMP NTAC Reserve Regualtion NYISO Cost of Operations	74.91 0.62 0.44 0.20 0.70	55.60 0.75 0.50 0.18 0.70	46.98 0.86 0.41 0.15 0.70	46.44 0.81 0.43 0.12 0.70	48.49 1.13 0.48 0.10 0.70	60.33 1.22 0.28 0.15 0.70	75.76 0.66 0.28 0.12 0.70	56.04 0.60 0.13 0.09 0.70	46.86 0.43 0.25 0.08 0.70	42.48 0.56 0.41 0.09 0.70	38.97 0.62 0.26 0.08 0.70	39.73 0.69 0.28 0.09 0.70
LBMP NTAC Reserve Regualtion NYISO Cost of Operations Uplift	74.91 0.62 0.44 0.20	55.60 0.75 0.50 0.18	46.98 0.86 0.41 0.15	46.44 0.81 0.43 0.12 0.70 0.25	48.49 1.13 0.48 0.10	60.33 1.22 0.28 0.15 0.70 0.94	75.76 0.66 0.28 0.12 0.70 1.01	56.04 0.60 0.13 0.09 0.70 0.89	46.86 0.43 0.25 0.08 0.70 0.03	42.48 0.56 0.41 0.09	38.97 0.62 0.26 0.08	39.73 0.69 0.28 0.09
LBMP NTAC Reserve Regualtion NYISO Cost of Operations Uplift Uplift: TSA Share	74.91 0.62 0.44 0.20 0.70 1.26	55.60 0.75 0.50 0.18 0.70 0.58	46.98 0.86 0.41 0.15 0.70 0.45	46.44 0.81 0.43 0.12 0.70 0.25 0.01	48.49 1.13 0.48 0.10 0.70 (0.02)	60.33 1.22 0.28 0.15 0.70 0.94 0.30	75.76 0.66 0.28 0.12 0.70 1.01 0.08	56.04 0.60 0.13 0.09 0.70 0.89 0.28	46.86 0.43 0.25 0.08 0.70 0.03	42.48 0.56 0.41 0.09 0.70 (0.27)	38.97 0.62 0.26 0.08 0.70 0.05	39.73 0.69 0.28 0.09 0.70 0.12
LBMP NTAC Reserve Regualtion NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share	74.91 0.62 0.44 0.20 0.70 1.26	55.60 0.75 0.50 0.18 0.70 0.58	46.98 0.86 0.41 0.15 0.70 0.45	46.44 0.81 0.43 0.12 0.70 0.25 0.01 0.10	48.49 1.13 0.48 0.10 0.70 (0.02)	60.33 1.22 0.28 0.15 0.70 0.94 0.30 0.36	75.76 0.66 0.28 0.12 0.70 1.01 0.08 0.54	56.04 0.60 0.13 0.09 0.70 0.89 0.28 0.32	46.86 0.43 0.25 0.08 0.70 0.03 0.00 0.01	42.48 0.56 0.41 0.09 0.70 (0.27)	38.97 0.62 0.26 0.08 0.70 0.05	39.73 0.69 0.28 0.09 0.70 0.12
LBMP NTAC Reserve Regualtion NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share	74.91 0.62 0.44 0.20 0.70 1.26	55.60 0.75 0.50 0.18 0.70 0.58 - 0.32 0.26	46.98 0.86 0.41 0.15 0.70 0.45	46.44 0.81 0.43 0.12 0.70 0.25 0.01 0.10 0.14	48.49 1.13 0.48 0.10 0.70 (0.02) - (0.01) (0.01)	60.33 1.22 0.28 0.15 0.70 0.94 0.30 0.36 0.28	75.76 0.66 0.28 0.12 0.70 1.01 0.08 0.54 0.39	56.04 0.60 0.13 0.09 0.70 0.89 0.28 0.32 0.29	46.86 0.43 0.25 0.08 0.70 0.03 0.00 0.01	42.48 0.56 0.41 0.09 0.70 (0.27) - (0.15) (0.11)	38.97 0.62 0.26 0.08 0.70 0.05	39.73 0.69 0.28 0.09 0.70 0.12
LBMP NTAC Reserve Regualtion NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share Voltage Support and Black Start	74.91 0.62 0.44 0.20 0.70 1.26 - 0.62 0.65 0.37	55.60 0.75 0.50 0.18 0.70 0.58 - 0.32 0.26 0.37	46.98 0.86 0.41 0.15 0.70 0.45 - 0.13 0.32 0.37	46.44 0.81 0.43 0.12 0.70 0.25 0.01 0.10 0.14 0.37	48.49 1.13 0.48 0.10 0.70 (0.02) - (0.01) (0.01) 0.37	60.33 1.22 0.28 0.15 0.70 0.94 0.30 0.36 0.28 0.37	75.76 0.66 0.28 0.12 0.70 1.01 0.08 0.54 0.39	56.04 0.60 0.13 0.09 0.70 0.89 0.28 0.32 0.29 0.37	46.86 0.43 0.25 0.08 0.70 0.03 0.00 0.01 0.01	42.48 0.56 0.41 0.09 0.70 (0.27) - (0.15) (0.11) 0.37	38.97 0.62 0.26 0.08 0.70 0.05 - 0.01 0.04 0.37	39.73 0.69 0.28 0.09 0.70 0.12 - 0.03 0.10 0.37
LBMP NTAC Reserve Regualtion NYISO Cost of Operations Uplift Uplift: TSA Share Uplift: Local Reliability Share Uplift: Other Share	74.91 0.62 0.44 0.20 0.70 1.26	55.60 0.75 0.50 0.18 0.70 0.58 - 0.32 0.26	46.98 0.86 0.41 0.15 0.70 0.45	46.44 0.81 0.43 0.12 0.70 0.25 0.01 0.10 0.14	48.49 1.13 0.48 0.10 0.70 (0.02) - (0.01) (0.01)	60.33 1.22 0.28 0.15 0.70 0.94 0.30 0.36 0.28	75.76 0.66 0.28 0.12 0.70 1.01 0.08 0.54 0.39	56.04 0.60 0.13 0.09 0.70 0.89 0.28 0.32 0.29	46.86 0.43 0.25 0.08 0.70 0.03 0.00 0.01	42.48 0.56 0.41 0.09 0.70 (0.27) - (0.15) (0.11)	38.97 0.62 0.26 0.08 0.70 0.05	39.73 0.69 0.28 0.09 0.70 0.12

<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>2012</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>
Day Ahead Market MWh	14,877,279	13,473,786										
DAM LSE Internal LBMP Energy Sales	58%	57%										
DAM External TC LBMP Energy Sales	1%	1%										
DAM Bilateral - Internal Bilaterals	38%	40%										
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%										
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	2%										
DAM Bilateral - Wheel Through Bilaterals	1%	0%										
Balancing Energy Market MWh	-878,258	-814,169										
Balancing Energy LSE Internal LBMP Energy Sales	-110%	-111%										
Balancing Energy External TC LBMP Energy Sales	9%	7%										
Balancing Energy Bilateral - Internal Bilaterals	1%	1%										
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%										
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%	3%										
Balancing Energy Bilateral - Wheel Through Bilaterals	-3%	0%										
Transactions Summary												
LBMP	57%	56%										
Internal Bilaterals	41%	42%										
Import Bilaterals	0%	0%										
Export Bilaterals	2%	2%										
Wheels Through	1%	0%										
Market Share of Total Load	170	070										
Day Ahead Market	106.3%	106.4%										
Balancing Energy +	-6.3%	-6.4%										
Total MWH	13,999,021											
Average Daily Energy Sendout/Month GWh	443	431										
<u>2011</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August		October	November	<u>December</u>
2011 Day Ahead Market MWh	<u>January</u> 14,146,283	<u>February</u> 12,514,435	March 13,164,026	<u>April</u> 12,191,562	<u>May</u> 12,809,240	<u>June</u> 14,520,490	<u>July</u> 17,296,367	<u>August</u> 15,872,137	<u>September</u> 14,052,940	October 13,263,167	November 12,710,654	<u>December</u> 14,300,553
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Day Ahead Market MWh	14,146,283	12,514,435	13,164,026	12,191,562	12,809,240	14,520,490	17,296,367	15,872,137	14,052,940	13,263,167	12,710,654	14,300,553
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales	14,146,283 49%	12,514,435 54%	13,164,026 53%	12,191,562 55%	12,809,240 55%	14,520,490 57%	17,296,367 60%	15,872,137 62%	14,052,940 59%	13,263,167 54%	12,710,654 55%	14,300,553 59%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales	14,146,283 49% 1%	12,514,435 54% 1%	13,164,026 53% 2%	12,191,562 55% 2%	12,809,240 55% 1%	14,520,490 57% 1%	17,296,367 60% 2%	15,872,137 62% 1%	14,052,940 59% 1%	13,263,167 54% 4%	12,710,654 55% 2%	14,300,553 59% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals	14,146,283 49% 1% 42%	12,514,435 54% 1% 43%	13,164,026 53% 2% 43%	12,191,562 55% 2% 41%	12,809,240 55% 1% 41%	14,520,490 57% 1% 39%	17,296,367 60% 2% 36%	15,872,137 62% 1% 35%	14,052,940 59% 1% 39%	13,263,167 54% 4% 41%	12,710,654 55% 2% 41%	14,300,553 59% 1% 37%
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	14,146,283 49% 1% 42% 5%	12,514,435 54% 1% 43% 0%	13,164,026 53% 2% 43% 0%	12,191,562 55% 2% 41% 0%	12,809,240 55% 1% 41% 0%	14,520,490 57% 1% 39% 0%	17,296,367 60% 2% 36% 0%	15,872,137 62% 1% 35% 0%	14,052,940 59% 1% 39% 0%	13,263,167 54% 4% 41% 0%	12,710,654 55% 2% 41% 0%	14,300,553 59% 1% 37% 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	14,146,283 49% 1% 42% 5% 1%	12,514,435 54% 1% 43% 0% 1%	13,164,026 53% 2% 43% 0% 2%	12,191,562 55% 2% 41% 0% 2%	12,809,240 55% 1% 41% 0% 2%	14,520,490 57% 1% 39% 0% 1%	17,296,367 60% 2% 36% 0% 1%	15,872,137 62% 1% 35% 0% 1%	14,052,940 59% 1% 39% 0% 1%	13,263,167 54% 4% 41% 0% 2%	12,710,654 55% 2% 41% 0% 2%	14,300,553 59% 1% 37% 0% 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	14,146,283 49% 1% 42% 5% 1%	12,514,435 54% 1% 43% 0% 1% 1%	13,164,026 53% 2% 43% 0% 2% 1%	12,191,562 55% 2% 41% 0% 2% 0%	12,809,240 55% 1% 41% 0% 2% 1%	14,520,490 57% 1% 39% 0% 1% 1%	17,296,367 60% 2% 36% 0% 1% 1%	15,872,137 62% 1% 35% 0% 1% 1%	14,052,940 59% 1% 39% 0% 1% 1%	13,263,167 54% 4% 41% 0% 2% 0%	12,710,654 55% 2% 41% 0% 2% 0%	14,300,553 59% 1% 37% 0% 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  Balancing Energy LSE Internal LBMP Energy Sales	14,146,283 49% 1% 42% 5% 1% 1% 311,996	12,514,435 54% 1% 43% 0% 1% 1% 210,141	13,164,026 53% 2% 43% 0% 2% 1% 250,346	12,191,562 55% 2% 41% 0% 2% 0% 35,939	12,809,240 55% 1% 41% 0% 2% 1%	14,520,490 57% 1% 39% 0% 1% 1% 44,238	17,296,367 60% 2% 36% 0% 1% 1% 221,521	15,872,137 62% 1% 35% 0% 1% 1%	14,052,940 59% 1% 39% 0% 1% 1% -204,604	13,263,167 54% 4% 41% 0% 2% 0% -204,312	12,710,654 55% 2% 41% 0% 2% 0% -281,379	14,300,553 59% 1% 37% 0% 1% 1% -688,007
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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39%	14,520,490 57% 1% 39% 0% 1% 1% 44,238 -141% 271%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77%	15,872,137 62% 1% 35% 0% 1% 1% -31,814 -372% 328%	14,052,940 59% 1% 39% 0% 1% 1% -204,604 -147% 53%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129%	14,300,553 59% 1% 37% 0% 1% 1% -688,007 -115% 13%
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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40%	14,520,490 57% 1% 39% 0% 1% 1% 44,238 -141%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29%	15,872,137 62% 1% 35% 0% 1% 1% -31,814 -372%	14,052,940 59% 1% 39% 0% 1% 1% -204,604 -147%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21%	14,300,553 59% 1% 37% 0% 1% 1% -688,007 -115%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0%	14,520,490 57% 1% 39% 0% 1% 44,238 -141% 271% 37% 0%	17,296,367 60% 2% 36% 0% 1% 221,521 29% 77% 0% 0%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0%	14,052,940 59% 1% 39% 0% 1% 196 -204,604 -147% 53% 5%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0%	14,300,553 59% 1% 37% 0% 1% 18 -688,007 -115% 13% 0% 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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0% 6%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0% 14%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47% 0%	12,809,240 55% 1% 41% 0% 2% 192,443 40% 39% 144% 0% 10%	14,520,490 57% 1% 39% 0% 1% 1% 44,238 -141% 271% 37% 0% 32%	17,296,367 60% 2% 36% 0% 1% 221,521 29% 77% 0% 0% 6%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% 39%	14,052,940 59% 1% 39% 0% 1% -204,604 -147% 53% 5% 0% 8%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 0%	14,300,553 59% 1% 37% 0% 1% 18 -688,007 -115% 13% 0% 0% 4%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47% 0% 83%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0%	14,520,490 57% 1% 39% 0% 1% 44,238 -141% 271% 37% 0%	17,296,367 60% 2% 36% 0% 1% 221,521 29% 77% 0% 0%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0%	14,052,940 59% 1% 39% 0% 1% 1-204,604 -147% 53% 5% 0%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0%	14,300,553 59% 1% 37% 0% 1% 18 -688,007 -115% 13% 0% 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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0% 6% 3%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0% 14% 5%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47% 0% 83% -1%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0% 10% -2%	14,520,490 57% 1% 39% 0% 1% 14,238 -141% 271% 37% 0% 32% -100%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12%	15,872,137 62% 1% 35% 0% 1% 1% -31,814 -372% 328% -1% 0% 39% -94%	14,052,940 59% 1% 39% 0% 1% -204,604 -147% 53% 5% 0% 8% -18%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 10%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2%	-688,007 -115% -688,007 -115% -0% -0% -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  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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0% 6% 3%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0% 14% 55%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47% 0% 83% -1%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0% 10% -2%	14,520,490 57% 1% 39% 0% 1% 14,238 -141% 271% 37% 0% 32% -100%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% 39% -94%	14,052,940 59% 1% 39% 0% 1% -204,604 -147% 53% 5% 0% 8% -18%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 10% 156%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 0% 0% 10% -2%	14,300,553 59% 1% 37% 0% 1% 1% 1-688,007 -115% 13% 0% 0% 4% -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  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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0% 6% 3%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0% 14% 55% 42%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 47% 0% 83% -1% 57% 41%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0% 10% -2%	14,520,490 57% 1% 39% 0% 1% 14.238 -141% 271% 37% 0% 32% -100%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% 39% -94%	14,052,940 59% 1% 39% 0% 1% 1% -204,604 -147% 53% 5% 0% 8% -18% 59% 39%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 10% 42%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42%	14,300,553 59% 1% 37% 0% 1% 1% -688,007 -115% 0% 0% 44% -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 - 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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0% 6% 3% 51% 42% 5%	12,514,435 54% 1% 43% 0% 1% 210,141 24% 50% 7% 0% 14% 5% 55% 42% 0%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% -10% 55% 42% 0%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 47% 0% 83% -1% 57% 41% 0%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0% 10% -2%	14,520,490 57% 1% 39% 0% 1% 14,238 -141% 271% 0% 32% -100% 59% 39% 0%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% -94% 63% 36% 0%	14,052,940 59% 1% 39% 0% 1% 1% -204,604 -147% 53% 5% 0% 8% -18% 59% 39% 0%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 10% 1% 42% 0%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42% 0%	14,300,553 59% 1% 37% 0% 1% 1% -688,007 -115% 13% 0% 4% -2% 58% 39% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 45% 0% 6% 3% 51% 42% 5% 2%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0% 14% 5% 55% 42% 0% 2%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10% 55% 42% 0% 2%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47% 0% 83% -1% 57% 41% 0% 2%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0% 10% -2% 57% 41% 0% 2%	14,520,490 57% 1% 39% 0% 1% 14,238 -141% 271% 37% 0% -100% 59% 39% 0% 1%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12% 63% 36% 0% 1%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% -94% 63% 36% 0% 1%	14,052,940 59% 1% 39% 0% 1% 1% -204,604 -147% 53% 5% 0% -18% 59% 39% 0% 1%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 10% 42% 0% 2%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42% 0% 2%	14,300,553 59% 1% 37% 0% 1% 168,007 -115% 13% 0% 4% -2% 58% 39% 0% 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	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0% 6% 3% 51% 42% 5%	12,514,435 54% 1% 43% 0% 1% 210,141 24% 50% 7% 0% 14% 5% 55% 42% 0%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% -10% 55% 42% 0%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 47% 0% 83% -1% 57% 41% 0%	12,809,240 55% 1% 41% 0% 2% 1% 192,443 40% 39% 14% 0% 10% -2%	14,520,490 57% 1% 39% 0% 1% 14,238 -141% 271% 0% 32% -100% 59% 39% 0%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% -94% 63% 36% 0%	14,052,940 59% 1% 39% 0% 1% 1% -204,604 -147% 53% 5% 0% 8% -18% 59% 39% 0%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 10% 1% 42% 0%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42% 0%	14,300,553 59% 1% 37% 0% 1% 1% -688,007 -115% 13% 0% 4% -2% 58% 39% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load	14,146,283 49% 1% 42% 5% 1% 311,996 28% 48% 15% 0% 6% 3% 51% 42% 5% 2% 1%	12,514,435 54% 1% 43% 0% 1% 210,141 24% 50% 7% 0% 14% 5% 55% 42% 0% 2% 1%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10% 55% 42% 0% 2% 1%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47% 0% 83% -1% 57% 41% 0% 2% 0%	12,809,240 55% 1% 41% 0% 2% 192,443 40% 39% 14% 0% -2% 57% 41% 0% 2% 1%	14,520,490 57% 1% 39% 0% 1% 44,238 -141% 271% 37% 0% 32% -100% 59% 39% 0% 1%	17,296,367 60% 2% 36% 0% 1% 221,521 29% 77% 0% 6% -12% 63% 36% 0% 1%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% 39% -94% 63% 36% 0% 1%	14,052,940 59% 1% 39% 0% 1% -204,604 -147% 53% 5% 0% 8% -18% 59% 39% 0% 1% 0%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 42% 0% 2% 0%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42% 0% 2% 0%	14,300,553 59% 1% 37% 0% 1% 1688,007 -115% 13% 0% 0% 4% -2% 58% 39% 0% 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 LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market	14,146,283 49% 1% 42% 5% 1% 311,996 28% 48% 15% 0% 6% 3% 51% 42% 5% 2% 1%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0% 14% 5% 42% 0% 2% 1% 98.3%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10% 55% 42% 0% 2% 1%	12,191,562 55% 2% 41% 0% 2% 0% 35,939 -226% 197% 47% 0% 83% -1% 57% 41% 0% 2% 0%	12,809,240 55% 1% 41% 0% 2% 192,443 40% 39% 14% 0% -2% 57% 41% 0% 2% 1%	14,520,490 57% 1% 39% 0% 1% 14,238 -141% 271% 37% 0% 32% -100% 59% 39% 0% 1% 1%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 0% 6% -12% 63% 36% 0% 1% 1%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% 39% -94% 63% 36% 0% 1% 1% 100.2%	14,052,940 59% 1% 39% 0% 1% -204,604 -147% 53% 5% 0% 8% -18% 59% 39% 0% 1% 0%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 11% 0% 10% 42% 0% 2% 0% 101.6%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42% 0% 0% 0%	14,300,553 59% 1% 37% 0% 1% -688,007 -115% 13% 0% 0% 4% -2% 58% 39% 0% 2% 11% 105.1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market  Balancing Energy +	14,146,283 49% 1% 42% 5% 1% 1% 311,996 28% 48% 15% 0% 6% 3% 51% 42% 5% 2% 1%	12,514,435 54% 1% 43% 0% 1% 210,141 24% 50% 7% 0% 14% 55% 42% 0% 22% 1% 98.3% 1.7%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10% 55% 42% 0% 2% 1% 198.1%	12,191,562 55% 2% 41% 0% 2% 09 35,939 -226% 197% 47% 0% 83% -1% 57% 41% 0% 2% 0% 99.7% 0.3%	12,809,240 55% 1% 41% 0% 2% 192,443 40% 39% 14% 0% 10% -2% 57% 41% 0% 2% 1%	14,520,490 57% 1% 39% 0% 1% 1% 44,238 -141% 271% 37% 0% 32% -100% 59% 39% 0% 1% 100%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12% 63% 36% 0% 1% 1%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% 39% -94% 63% 36% 0% 1% 100.2% -0.2%	14,052,940 59% 1% 39% 0% 1% -204,604 -147% 53% 5% 0% 8% -18% 59% 39% 0% 1% 0%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 111% 0% 10% 2% 0% 2% 0% 101.6% -1.6%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42% 0% 0% 10% -2%	14,300,553 59% 1% 37% 0% 1% -688,007 -115% 13% 0% 0% 4% -2% 58% 39% 0% 2% 1% 105.1% -5.1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market	14,146,283 49% 1% 42% 5% 1% 18 311,996 28% 48% 15% 0% 6% 3% 51% 42% 5% 2% 1%	12,514,435 54% 1% 43% 0% 1% 1% 210,141 24% 50% 7% 0% 14% 5% 42% 0% 2% 1% 98.3%	13,164,026 53% 2% 43% 0% 2% 1% 250,346 39% 50% 8% 0% 13% -10% 55% 42% 0% 2% 1%	12,191,562 55% 2% 41% 0% 2% 09 35,939 -226% 197% 47% 0% 83% -1% 57% 41% 0% 2% 0% 99.7% 0.3%	12,809,240 55% 1% 41% 0% 2% 192,443 40% 39% 14% 0% -2% 57% 41% 0% 2% 1%	14,520,490 57% 1% 39% 0% 1% 1% 44,238 -141% 271% 37% 0% 32% -100% 59% 39% 0% 1% 1%	17,296,367 60% 2% 36% 0% 1% 1% 221,521 29% 77% 0% 6% -12% 63% 36% 0% 1% 1%	15,872,137 62% 1% 35% 0% 1% -31,814 -372% 328% -1% 0% 39% -94% 63% 36% 0% 1% 1% 100.2%	14,052,940 59% 1% 39% 0% 1% -204,604 -147% 53% 5% 0% 8% -18% 59% 39% 0% 1% 0%	13,263,167 54% 4% 41% 0% 2% 0% -204,312 -181% 59% 111% 0% 10% 42% 0% 2% 0% 2% 0%	12,710,654 55% 2% 41% 0% 2% 0% -281,379 -129% 21% 0% 0% 10% -2% 56% 42% 0% 0% 10% -2%	14,300,553 59% 1% 37% 0% 1% -688,007 -115% 13% 0% 0% 4% -2% 58% 39% 0% 2% 11% 105.1%

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

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

Virtual Transactions are not reflected in this chart.

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

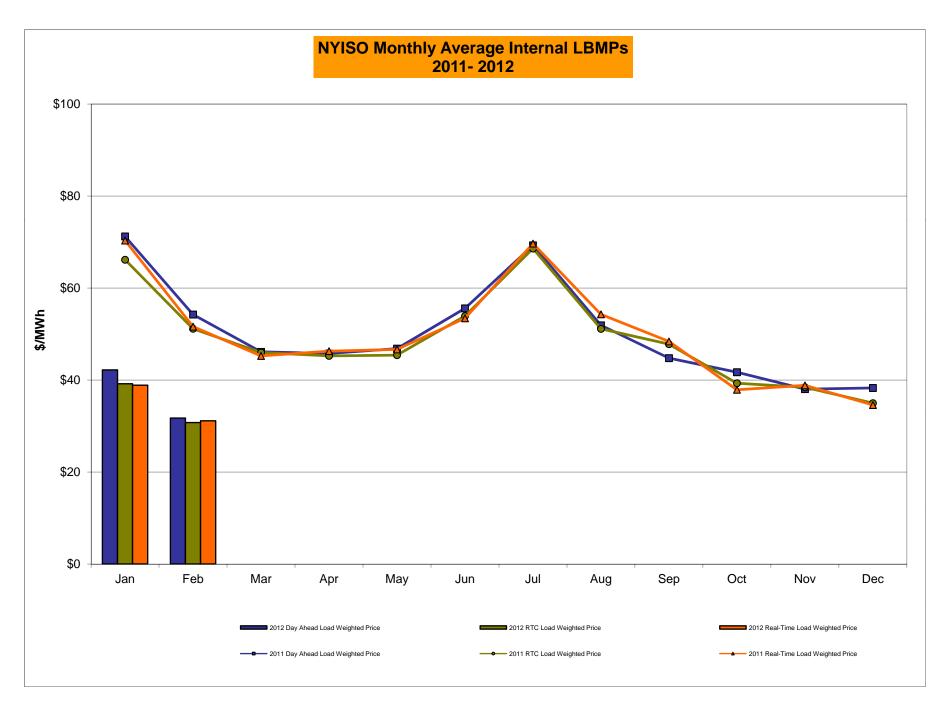
#### NYISO Markets 2012 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP									
Price *	\$40.91	\$31.15							
Standard Deviation	\$15.62	\$6.23							
Load Weighted Price **	\$42.20	\$31.73							
RTC LBMP									
Price *	\$37.93	\$30.31							
Standard Deviation	\$23.43	\$7.26							
Load Weighted Price **	\$39.19	\$30.75							
REAL TIME LBMP									
Price *	\$37.35	\$30.54							
Standard Deviation	\$23.75	\$9.77							
Load Weighted Price **	\$38.88	\$31.14							
Average Daily Energy Sendout/Month GWh	443	431							

### NYISO Markets 2011 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August S	<u>September</u>	October	November [	<u>December</u>
DAY AHEAD LBMP	_							-	-			
Price *	\$69.03	\$52.87	\$45.20	\$44.80	\$45.20	\$52.26	\$64.60	\$49.59	\$43.28	\$40.38	\$37.12	\$37.31
Standard Deviation	\$30.78	\$14.77	\$9.06	\$8.22	\$11.77	\$26.24	\$34.99	\$16.62	\$10.26	\$9.30	\$7.64	\$9.13
Load Weighted Price **	\$71.22	\$54.24	\$46.13	\$45.77	\$46.83	\$55.58	\$69.28	\$51.90	\$44.76	\$41.70	\$38.02	\$38.27
RTC LBMP												
Price *	\$64.48	\$50.15	\$45.13	\$44.32	\$43.69	\$50.47	\$63.42	\$48.47	\$46.02	\$38.44	\$37.43	\$34.00
Standard Deviation	\$39.41	\$18.83	\$18.96	\$15.44	\$25.19	\$46.41	\$82.29	\$59.95	\$25.18	\$15.45	\$17.55	\$15.60
Load Weighted Price **	\$66.15	\$51.15	\$45.98	\$45.25	\$45.41	\$53.91	\$68.58	\$51.12	\$47.80	\$39.30	\$38.43	\$34.97
REAL TIME LBMP												
Price *	\$67.92	\$50.26	\$44.22	\$45.20	\$44.26	\$48.68	\$62.96	\$49.39	\$45.92	\$36.91	\$37.67	\$33.50
Standard Deviation	\$58.47	\$22.39	\$17.41	\$19.98	\$26.27	\$44.88	\$64.83	\$62.04	\$26.88	\$13.65	\$19.42	\$14.12
Load Weighted Price **	\$70.32	\$51.61	\$45.24	\$46.28	\$46.66	\$53.42	\$69.66	\$54.28	\$48.40	\$37.88	\$38.84	\$34.57
Average Daily Energy Sendout/Month GWh	457	447	422	398	411	479	555	505	456	402	408	430

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

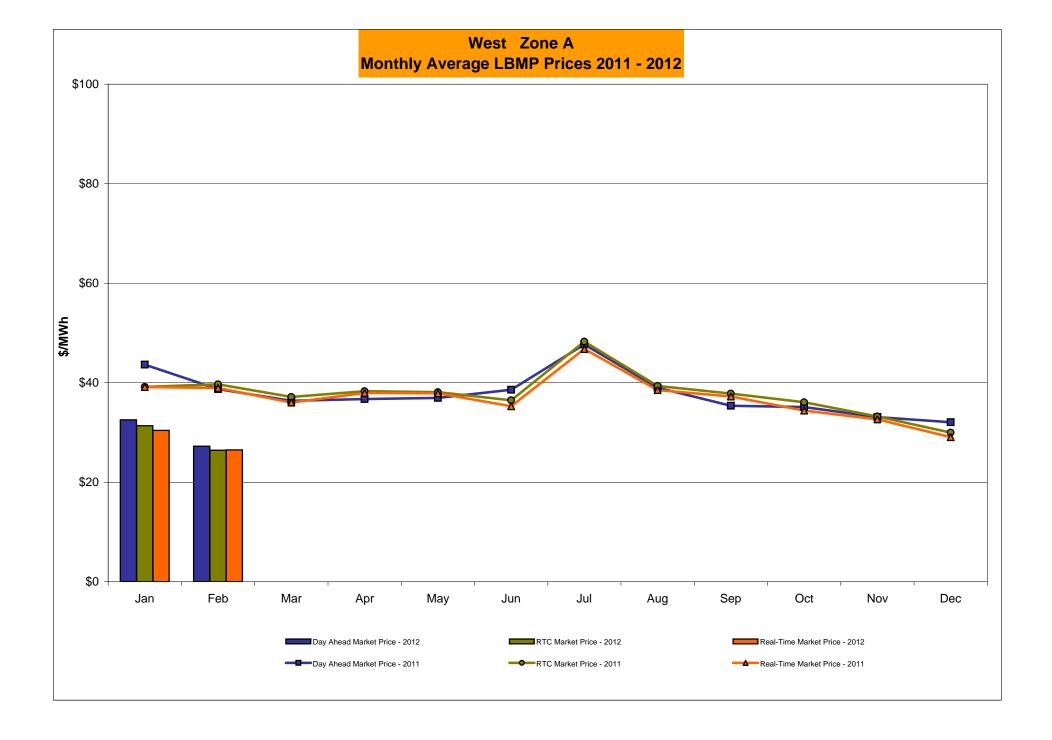


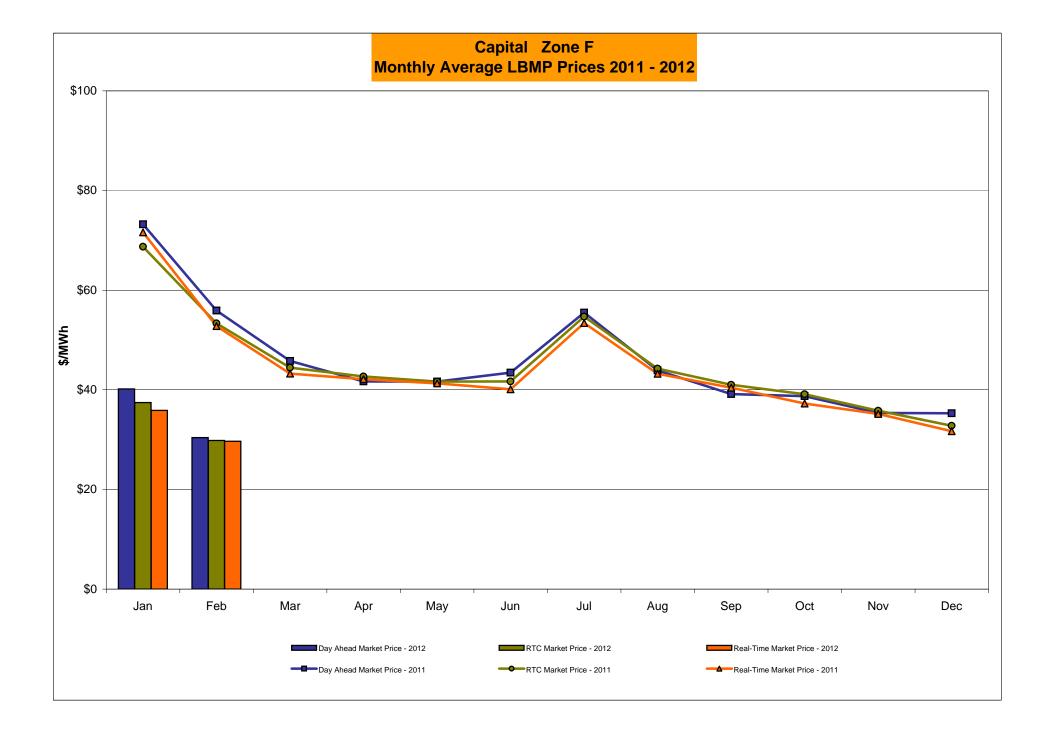
#### February 2012 Zonal LBMP Statistics for NYISO (\$/MWh)

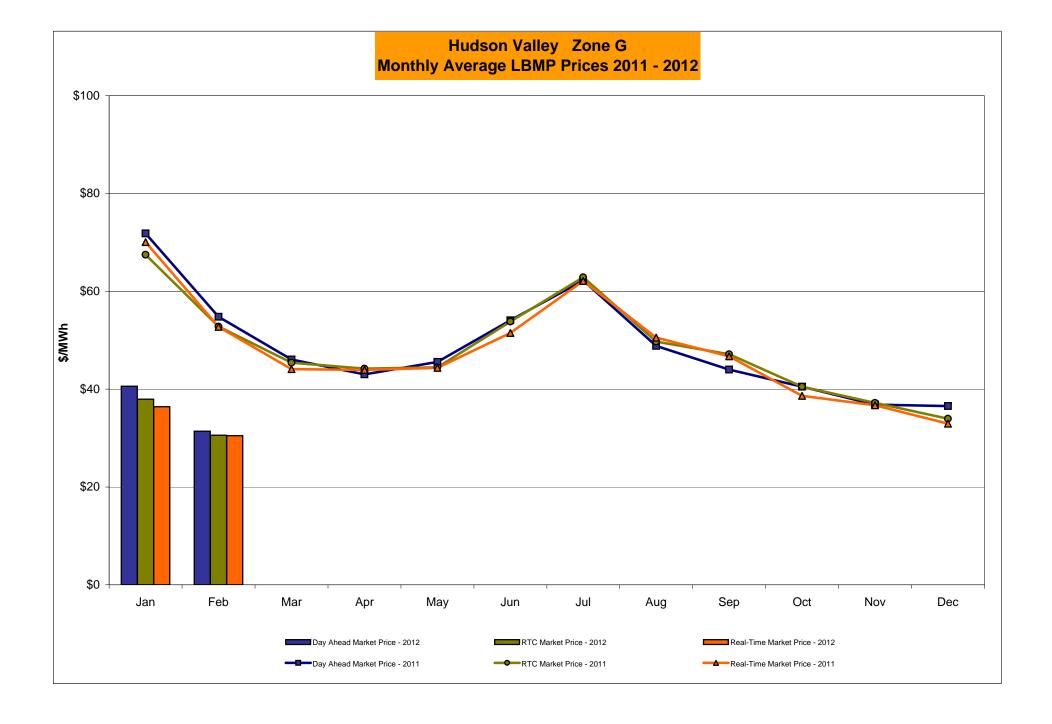
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE  Zone I	NEW YORK CITY Zone J	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	27.25	27.86	27.75	28.45	29.28	30.42	31.40	31.35	31.35	33.12	34.87
Standard Deviation	4.07	4.30	4.17	4.51	4.79	6.33	6.19	6.24	6.23	7.68	8.74
RTC LBMP											
Unweighted Price *	26.44	27.22	26.93	27.86	28.66	29.82	30.58	30.50	30.48	32.04	34.22
Standard Deviation	5.73	6.03	5.96	6.22	6.46	6.90	6.97	6.99	6.97	9.92	15.17
REAL TIME LBMP											
Unweighted Price *	26.48	27.25	26.93	27.88	28.66	29.68	30.48	30.40	30.38	32.11	36.21
Standard Deviation	7.70	8.03	7.89	8.25	8.55	8.82	9.09	9.11	9.09	12.19	28.09
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	Dennison	
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	Dennison Controllable	
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND		NEPTUNE Controllable Line	LINDEN VFT Controllable Line	Dennison <u>Controllable</u> <u>Line</u>	
DAY AHEAD LBMP	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	Controllable	
DAY AHEAD LBMP Unweighted Price *	IESO	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)  Zone M  27.00		ENGLAND	SOUND CABLE Controllable Line	NORWALK Controllable Line 32.92	Controllable Line 33.23	Controllable Line 30.39	Controllable	
	IESO Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price *	<b>Zone O</b> 26.80	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)  Zone M  27.00	<b>Zone P</b> 29.70	ENGLAND  Zone N  30.68	SOUND CABLE Controllable Line	NORWALK Controllable Line 32.92	Controllable Line 33.23	Controllable Line 30.39	Controllable Line 27.40	
Unweighted Price * Standard Deviation	<b>Zone O</b> 26.80	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)  Zone M  27.00	<b>Zone P</b> 29.70	ENGLAND  Zone N  30.68	SOUND CABLE Controllable Line	NORWALK Controllable Line 32.92	Controllable Line 33.23	Controllable Line 30.39	Controllable Line 27.40	
Unweighted Price * Standard Deviation  RTC LBMP	Zone O 26.80 3.85	QUEBEC (Wheel) Zone M 27.71 4.13	QUEBEC (Import/Export)  Zone M  27.00 3.47	<b>Zone P</b> 29.70 5.29	Zone N 30.68 6.19	SOUND CABLE Controllable Line 33.73 7.83	NORWALK Controllable Line 32.92 7.36	Controllable Line 33.23 7.65	Controllable Line 30.39 5.17	Controllable Line 27.40 3.94	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	Zone O 26.80 3.85 25.59	QUEBEC (Wheel) Zone M 27.71 4.13	QUEBEC (Import/Export)  Zone M  27.00 3.47	<b>Zone P</b> 29.70 5.29	Zone N 30.68 6.19	SOUND CABLE Controllable Line 33.73 7.83	NORWALK Controllable Line 32.92 7.36	233.23 7.65	30.39 5.17 30.56 12.23	27.40 3.94 26.28 3.94	
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation	Zone O 26.80 3.85 25.59	QUEBEC (Wheel) Zone M 27.71 4.13	QUEBEC (Import/Export)  Zone M  27.00 3.47	<b>Zone P</b> 29.70 5.29	Zone N 30.68 6.19	SOUND CABLE Controllable Line 33.73 7.83	NORWALK Controllable Line 32.92 7.36	233.23 7.65	30.39 5.17	27.40 3.94	

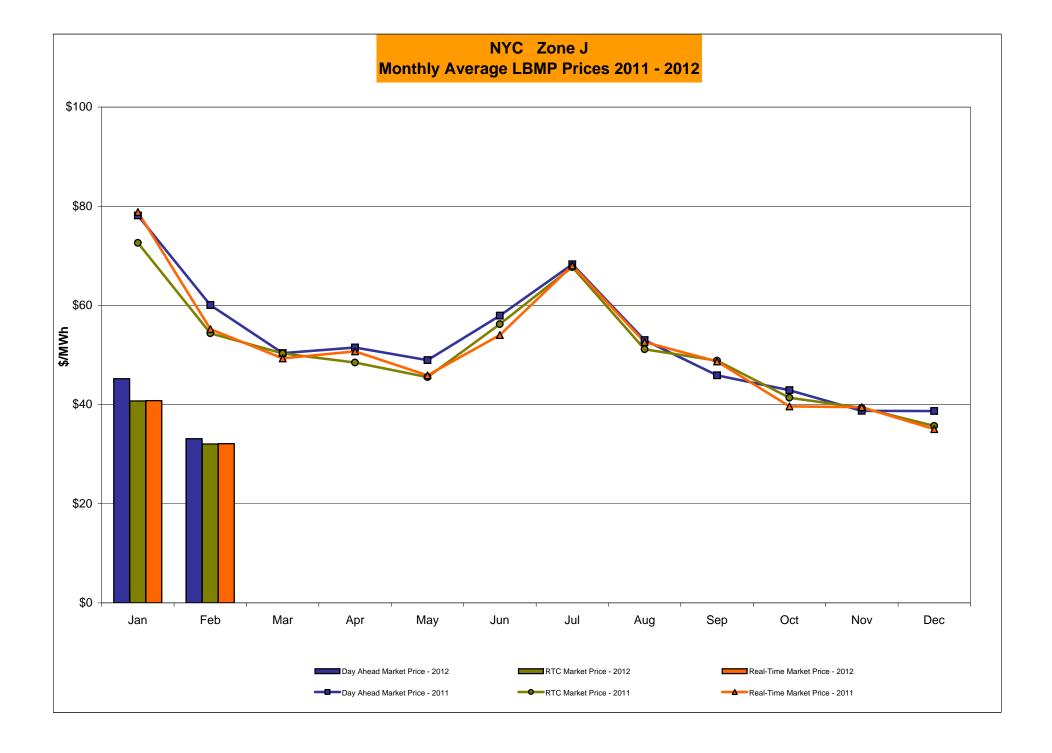
Market Mitigation and Analysis Prepared: 3/5/2012 1:54 PM

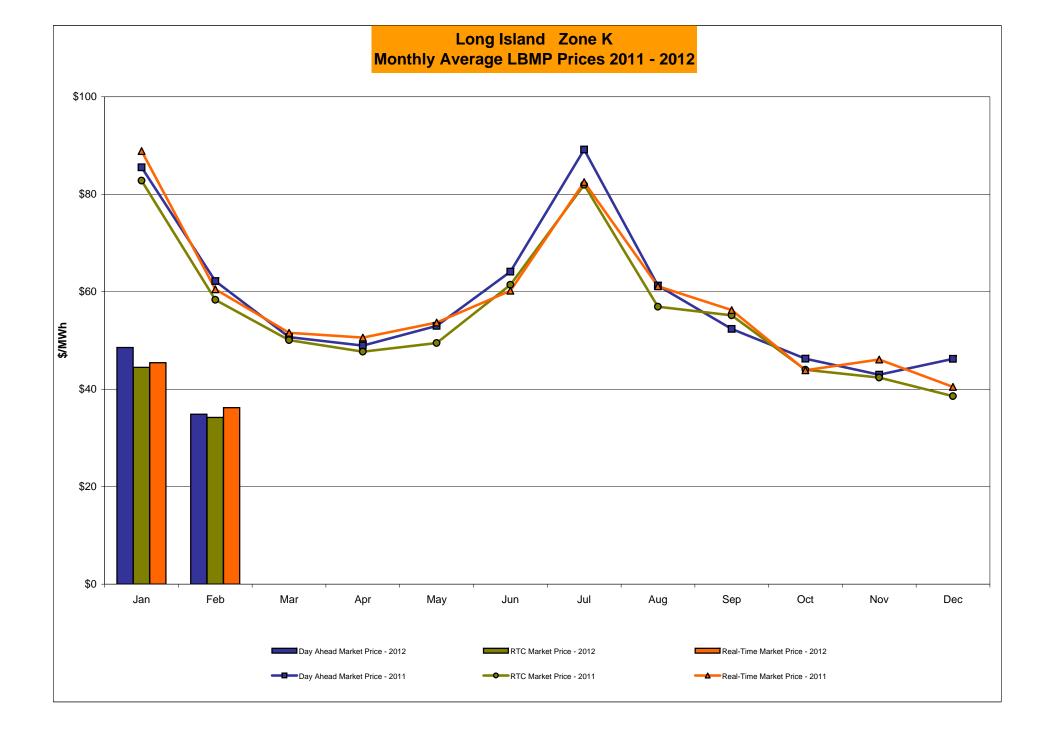
<sup>\*</sup> Straight LBMP averages

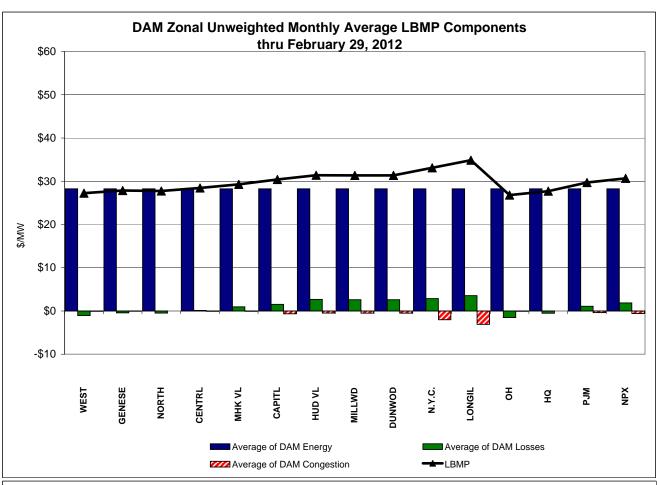


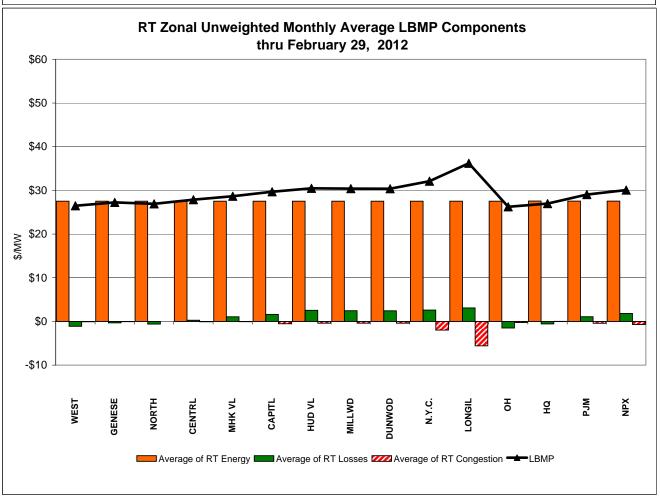




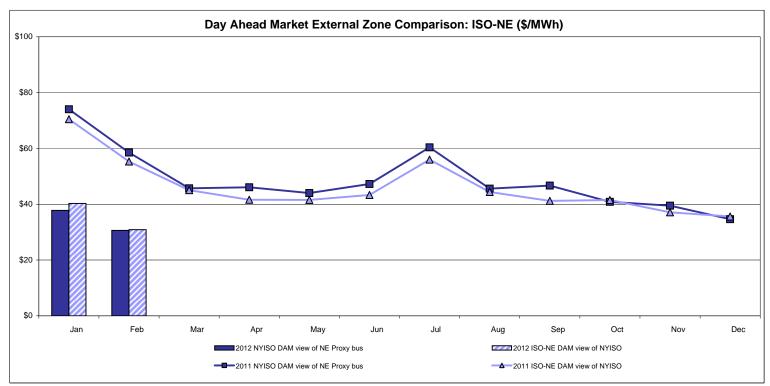


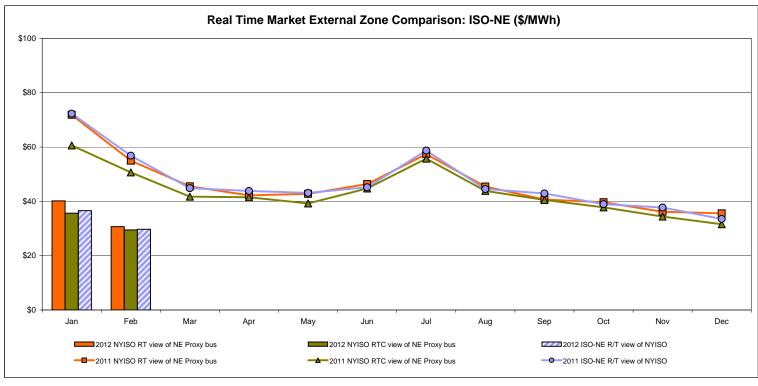




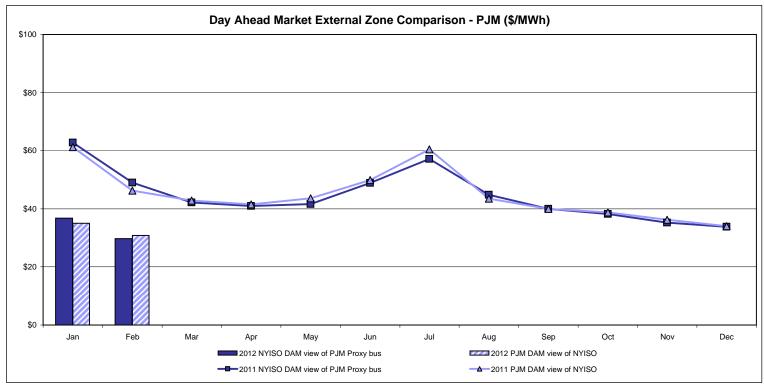


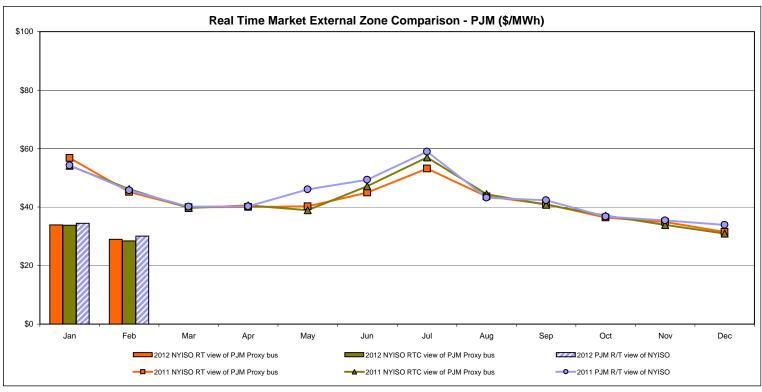
## **External Comparison ISO-New England**



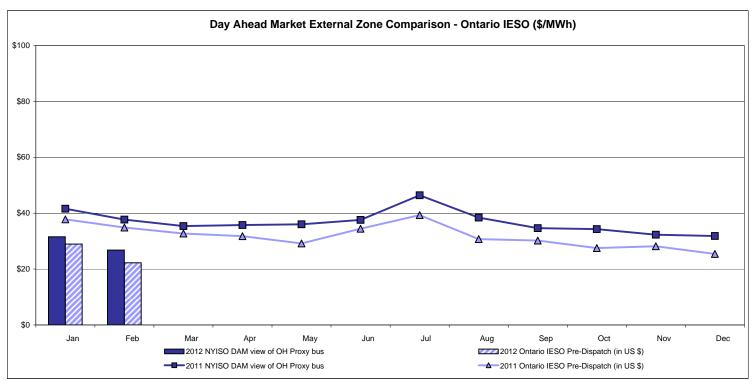


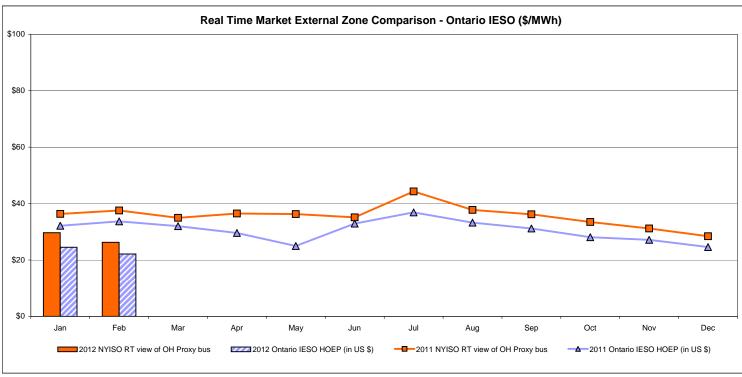
## **External Comparison PJM**





## **External Comparison Ontario IESO**

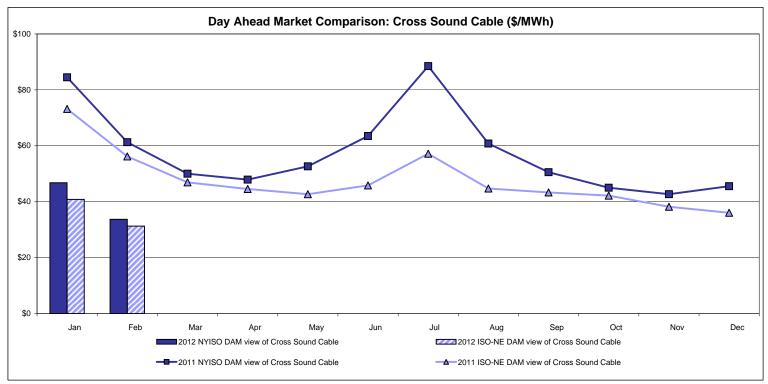


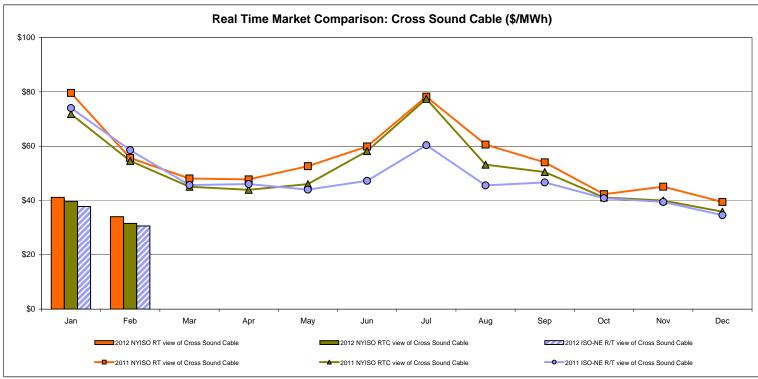


Notes: Exchange factor used for February 2012 was 1.00 to US \$

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

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





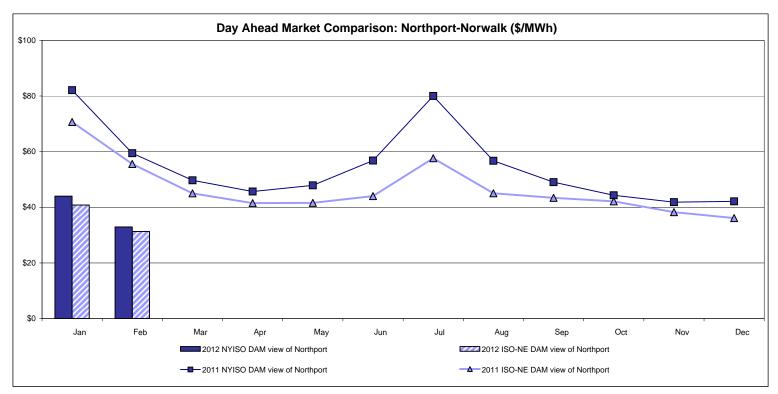
#### Note:

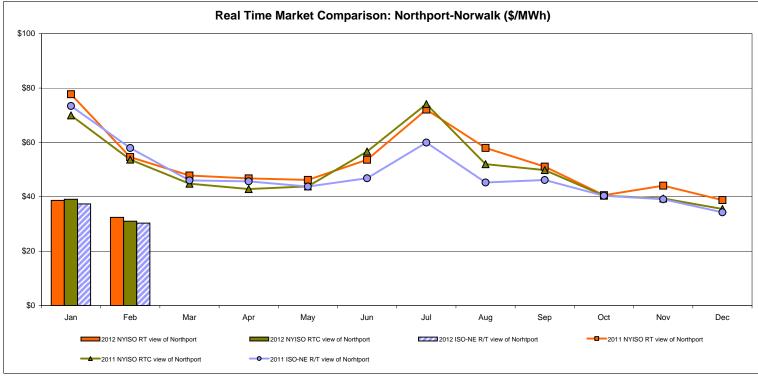
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.

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

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





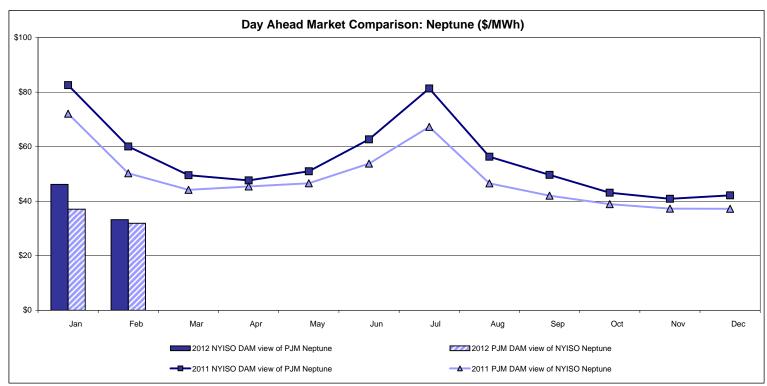
#### Note:

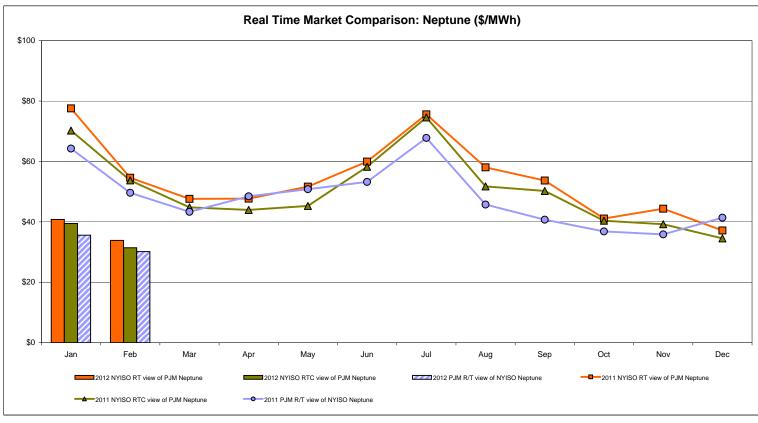
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

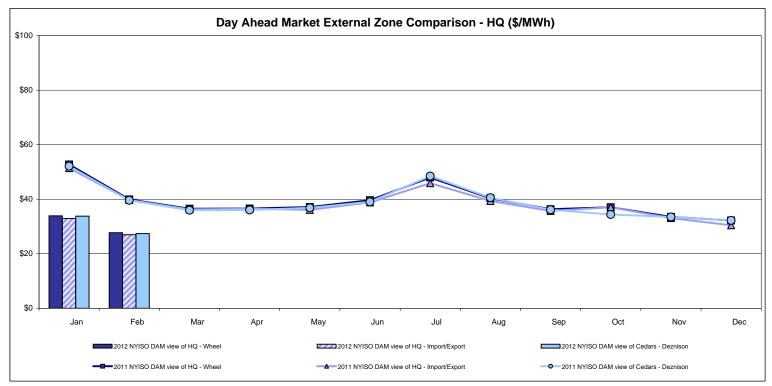
The DAM and R/T prices at the 1385 interface are used for NYISO.

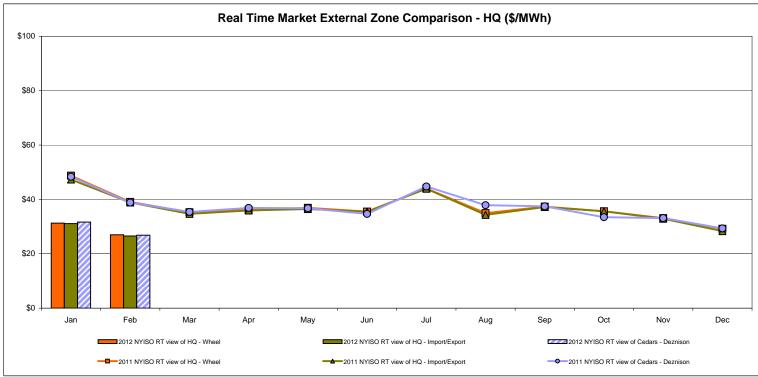
## **External Controllable Line: Neptune (PJM)**





## **External Comparison Hydro-Quebec**

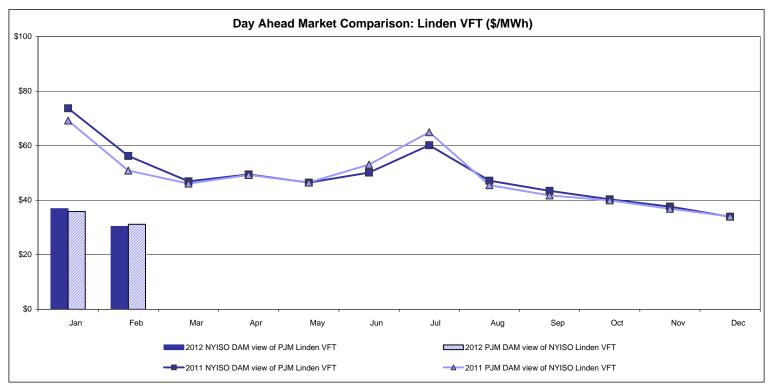


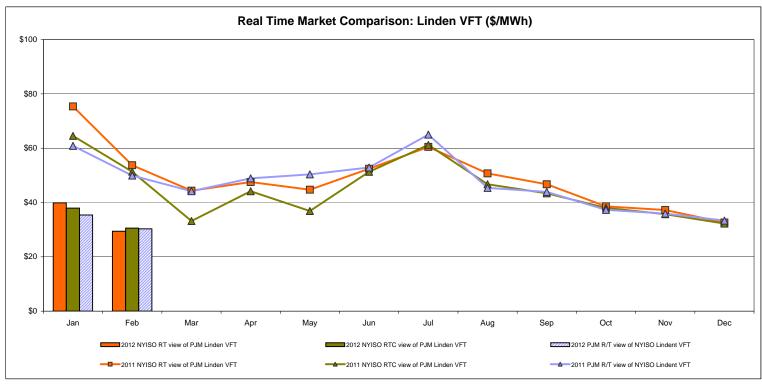


Note:

Hydro-Quebec Prices are unavailable.

## External Controllable Line: Linden VFT (PJM)



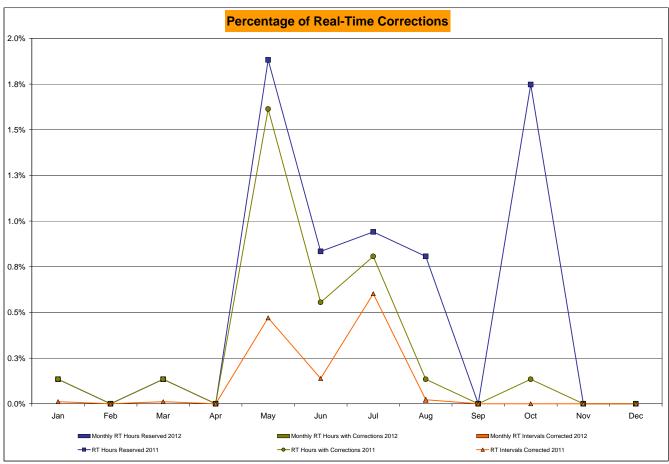


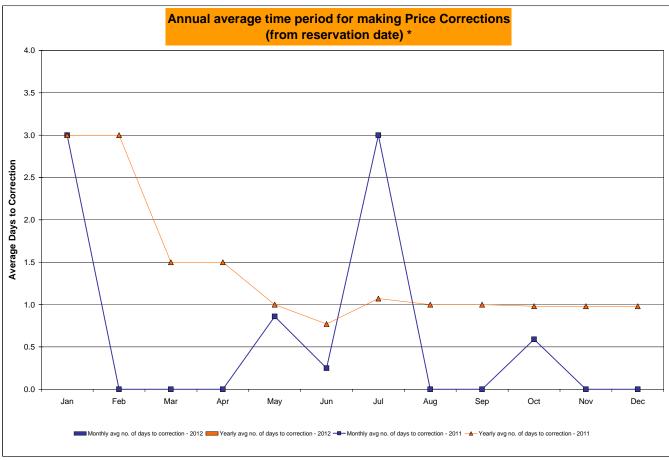
### **NYISO Real Time Price Correction Statistics**

2012		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Hour Corrections													
Number of hours with corrections	in the month	0	0										
Number of hours	in the month	744	696										
% of hours with corrections	in the month	0.00%	0.00%										
% of hours with corrections	year-to-date	0.00%	0.00%										
Interval Corrections													
Number of intervals corrected	in the month	0	0										
Number of intervals	in the month	8,987	8,082										
% of intervals corrected	in the month	0.00%	0.00%										
% of intervals corrected	year-to-date	0.00%	0.00%										
Hours Reserved													_
Number of hours reserved	in the month	0	0										
Number of hours	in the month	744	696										
% of hours reserved	in the month	0.00%	0.00%										
% of hours reserved	year-to-date	0.00%	0.00%										
Days to Correction *													
Avg. number of days to correction	in the month	0.00	0.00										
Avg. number of days to correction	year-to-date	0.00	0.00										
Days Without Corrections													<u> </u>
Days without corrections	in the month	31	29										
Days without corrections	year-to-date	31	60										
2011		January	February	March	April	May	June	July	August	September	October	November	December
2011 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
	in the month	<u>January</u> 1	<u>February</u> 0	March 1	<u>April</u> 0	<u>May</u> 12	<u>June</u> 4	<u>July</u> 6	August 1	September 0	October 1	November 0	<u>December</u> 0
Hour Corrections	in the month	<del></del>			<u></u>								
Hour Corrections  Number of hours with corrections		1	0	1	0	12	4	6	1	0	1	0	0
Hour Corrections  Number of hours with corrections  Number of hours	in the month in the month	1 744	0 672	1 744	0 720	12 744	4 720	6 744 0.81%	1 744	0 720	1 744 0.13%	0 720 0.00%	0 744 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections	in the month	1 744 0.13%	0 672 0.00%	1 744 0.13%	0 720 0.00%	12 744 1.61%	4 720 0.56%	6 744	1 744 0.13%	0 720 0.00%	1 744	0 720	0 744
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	1 744 0.13%	0 672 0.00%	1 744 0.13%	0 720 0.00%	12 744 1.61%	4 720 0.56%	6 744 0.81%	1 744 0.13%	0 720 0.00%	1 744 0.13%	0 720 0.00%	0 744 0.00%
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	1 744 0.13% 0.13%	0 672 0.00% 0.07%	1 744 0.13% 0.09%	0 720 0.00% 0.07%	12 744 1.61% 0.39%	4 720 0.56% 0.41%	6 744 0.81% 0.47%	1 744 0.13% 0.43%	0 720 0.00% 0.38%	1 744 0.13% 0.36%	0 720 0.00% 0.32%	0 744 0.00% 0.30%
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	1 744 0.13% 0.13%	0 672 0.00% 0.07%	1 744 0.13% 0.09%	0 720 0.00% 0.07%	12 744 1.61% 0.39%	4 720 0.56% 0.41%	6 744 0.81% 0.47%	1 744 0.13% 0.43%	0 720 0.00% 0.38%	1 744 0.13% 0.36%	0 720 0.00% 0.32%	0 744 0.00% 0.30%
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	1 744 0.13% 0.13% 1 8,938	0 672 0.00% 0.07%	1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671	12 744 1.61% 0.39% 42 8,939	4 720 0.56% 0.41% 12 8,661	6 744 0.81% 0.47% 54 8,967	1 744 0.13% 0.43% 2 9,021 0.02%	0 720 0.00% 0.38% 0 8,678	1 744 0.13% 0.36%	0 720 0.00% 0.32% 0 8,671	0 744 0.00% 0.30% 0 8,954 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	1 744 0.13% 0.13% 1 8,938 0.01%	0 672 0.00% 0.07% 0 8,049 0.00%	1 744 0.13% 0.09% 1 8,924 0.01%	0 720 0.00% 0.07% 0 8,671 0.00%	12 744 1.61% 0.39% 42 8,939 0.47%	4 720 0.56% 0.41% 12 8,661 0.14%	6 744 0.81% 0.47% 54 8,967 0.60%	1 744 0.13% 0.43%	0 720 0.00% 0.38% 0 8,678 0.00%	1 744 0.13% 0.36% 2 8,940 0.02%	0 720 0.00% 0.32% 0 8,671 0.00%	0 744 0.00% 0.30% 0 8,954
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	1 744 0.13% 0.13% 1 8,938 0.01%	0 672 0.00% 0.07% 0 8,049 0.00%	1 744 0.13% 0.09% 1 8,924 0.01%	0 720 0.00% 0.07% 0 8,671 0.00%	12 744 1.61% 0.39% 42 8,939 0.47%	4 720 0.56% 0.41% 12 8,661 0.14%	6 744 0.81% 0.47% 54 8,967 0.60%	1 744 0.13% 0.43% 2 9,021 0.02%	0 720 0.00% 0.38% 0 8,678 0.00%	1 744 0.13% 0.36% 2 8,940 0.02%	0 720 0.00% 0.32% 0 8,671 0.00%	0 744 0.00% 0.30% 0 8,954 0.00%
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	1 744 0.13% 0.13% 1 8,938 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00%
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 year-to-date	1 744 0.13% 0.13% 1 8,938 0.01% 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13% 0.13%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00% 0.07%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88% 0.44%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83% 0.51%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94% 0.57%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00% 0.53%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00% 0.60%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13% 0.13% 3.00	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13% 0.13%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00% 0.07%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88% 0.44%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83% 0.51%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94% 0.57%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00% 0.53%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00% 0.60%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Mumber of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved % of hours reserved Number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date in the month	1 744 0.13% 0.13%  1 8,938 0.01% 0.01%  1 744 0.13% 0.13% 3.00 3.00	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00% 0.07%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88% 0.44%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83% 0.51%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94% 0.57%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00% 0.53%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00% 0.60%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved  Your hours % of hours reserved  Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13% 0.13% 3.00	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09%  1 8,924 0.01%  0.01%  1 744 0.13% 0.09%  0.00 1.50	0 720 0.00% 0.07%  0 8,671 0.00% 0.01%  0 720 0.00% 0.07%  0.007%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88% 0.44% 0.86 1.00	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83% 0.51% 0.25 0.77	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94% 0.57% 3.00 1.07	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60% 0.00 1.00	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00% 0.53% 0.00 1.00	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66% 0.59 0.98	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00% 0.60%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%

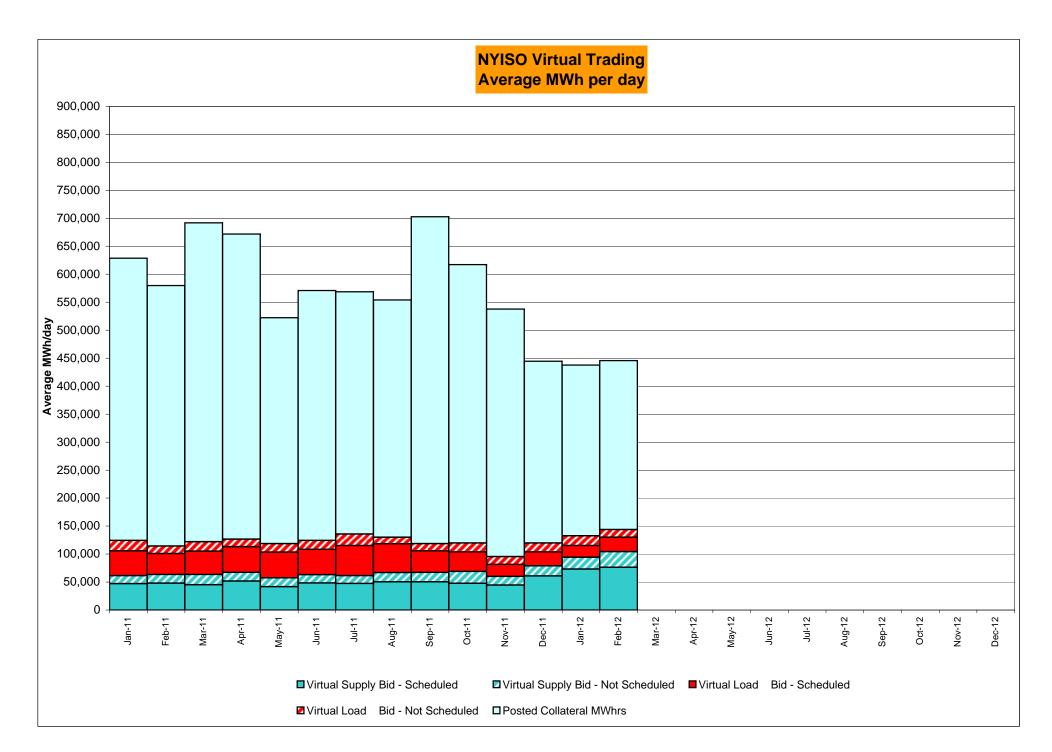
<sup>\*</sup> Calendar days from reservation date.

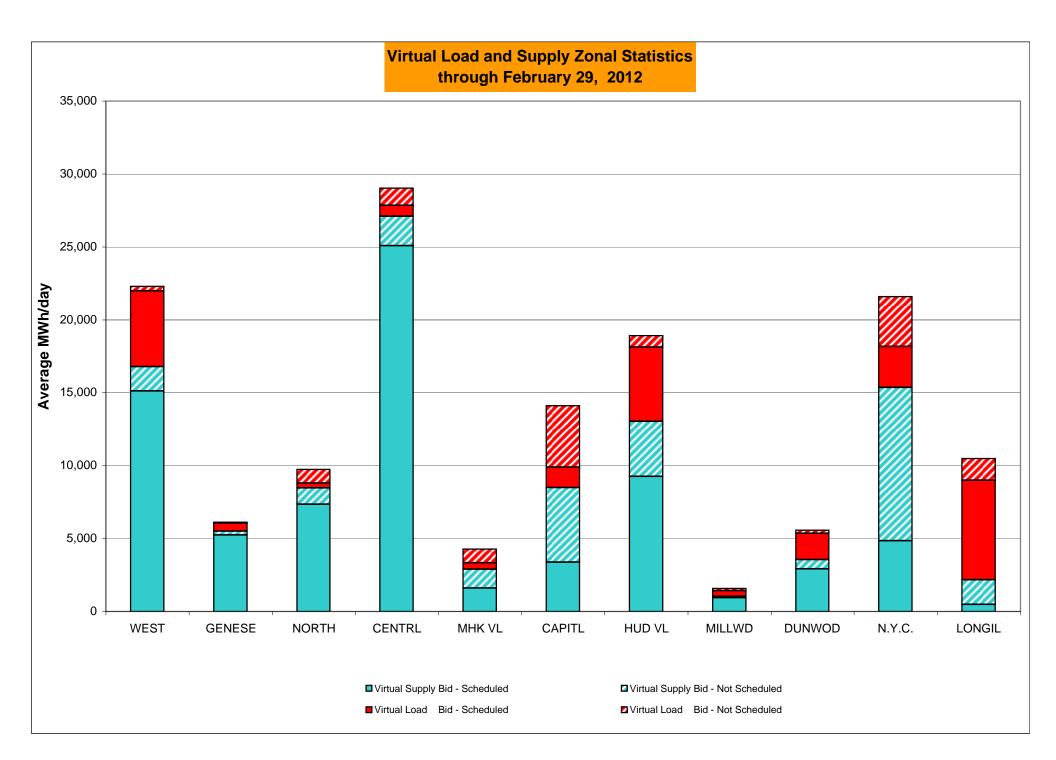
Market Mitigation and Analysis Prepared: 3/7/2012 4:19 PM





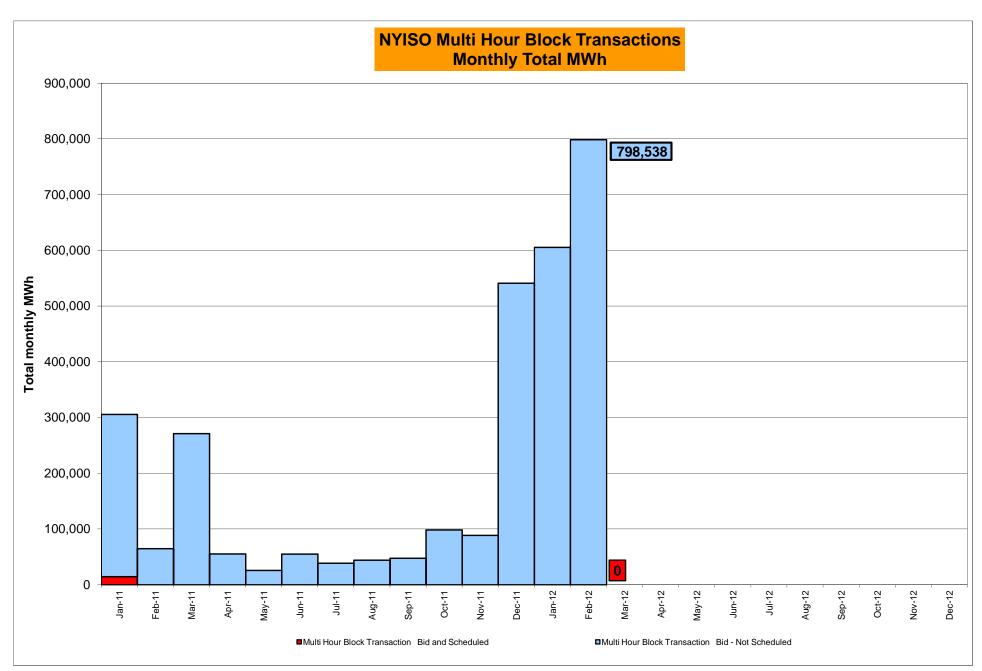
<sup>\*</sup> Calendar days from reservation date.



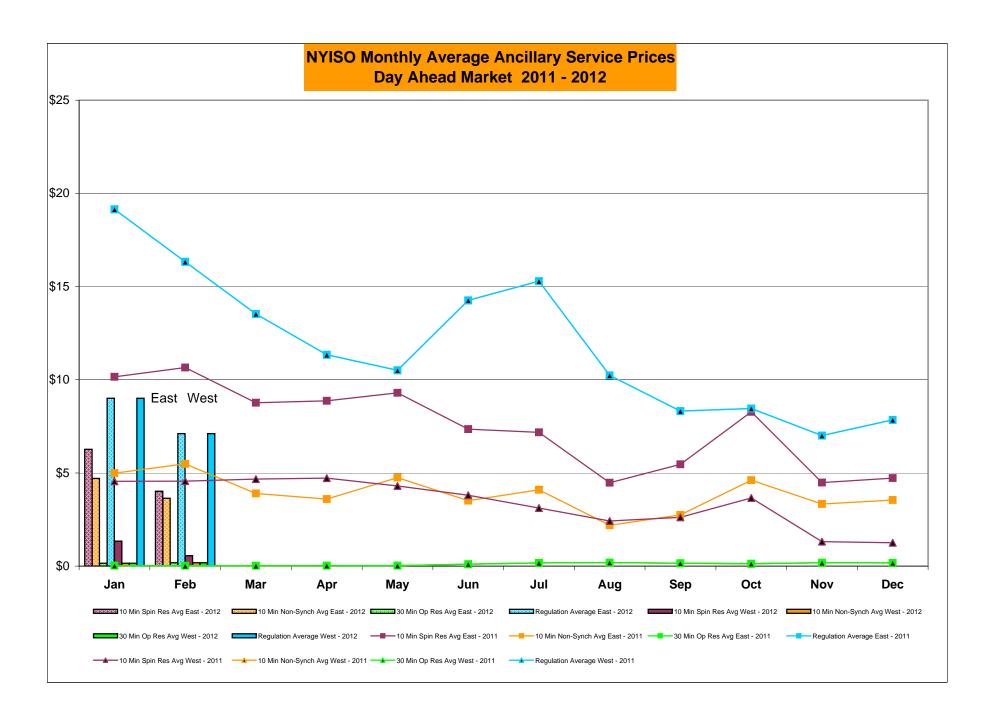


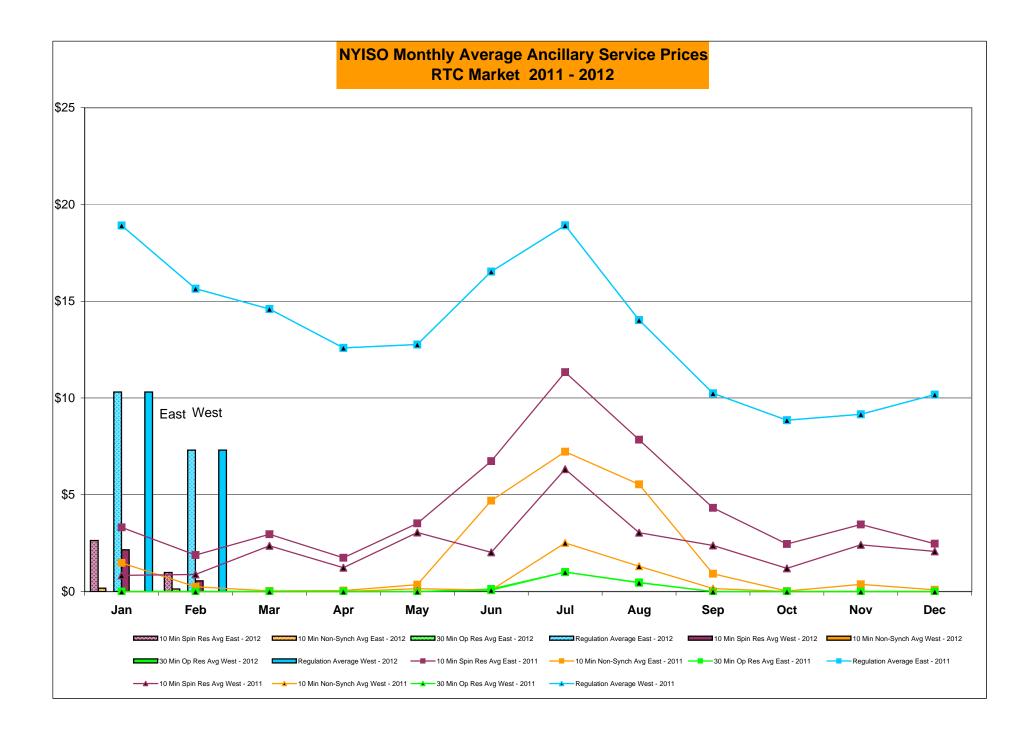
					Virtual L	oad and	l Supp	oly Zonal	Statistic	s (Avera	ge MWh/da	y) - 2012	2				
		Virtual L	oad Bid	Virtual S	upply Bid			Virtual L	oad Bid	Virtual Su	pply Bid			Virtual I	₋oad Bid	Virtual Su	ıpply Bid
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
WEST	Jan-12		938		956	MHK VL	Jan-12		967	1,488	1,127	DUNWOD			461	1,432	189
	Feb-12		315	15,119	1,672		Feb-12	444	935	1,592	1,303		Feb-12		219	2,922	625
	Mar-12						Mar-12						Mar-12				
	Apr-12						Apr-12						Apr-12				
	May-12						May-12					_	May-12				
	Jun-12 Jul-12						Jun-12 Jul-12						Jun-12 Jul-12				
	Aug-12						Aug-12					_	Aug-12				
	Sep-12						Sep-12					_	Sep-12				
	Oct-12						Oct-12					=	Oct-12				
	Nov-12						Nov-12						Nov-12				
	Dec-12						Dec-12						Dec-12				
	Dec-12						Dec-12						Dec-12				
GENESE	Jan-12	257	102	5,254	64	CAPITL	Jan-12	1,903	5,590	3,842	3,364	N.Y.C.	Jan-12	4,572	4,060	2,511	9,344
	Feb-12		52		271		Feb-12	1,408	4,213	3,379	5,116		Feb-12			,	10,519
	Mar-12			·			Mar-12	,	,	·	,		Mar-12		,	,	,
	Apr-12						Apr-12						Apr-12				
	May-12						May-12						May-12				
	Jun-12						Jun-12						Jun-12				
	Jul-12						Jul-12						Jul-12				
	Aug-12						Aug-12						Aug-12				
	Sep-12						Sep-12						Sep-12				
	Oct-12						Oct-12						Oct-12				
	Nov-12						Nov-12						Nov-12				
	Dec-12						Dec-12						Dec-12				
NORTH	Jan-12		967	7,215	1,189	HUD VL	Jan-12	3,466	693	9,513	2,413	LONGIL	Jan-12				1,383
	Feb-12		935	7,359	1,119		Feb-12	5,087	794	9,250	3,788		Feb-12		1,496	473	1,708
	Mar-12						Mar-12						Mar-12				
	Apr-12						Apr-12						Apr-12				
	May-12						May-12						May-12				
	Jun-12 Jul-12						Jun-12					_	Jun-12 Jul-12				
	Aug-12						Jul-12 Aug-12						Aug-12				
	Sep-12						Sep-12					_	Sep-12				
	Oct-12						Oct-12						Oct-12				
	Nov-12						Nov-12						Nov-12				
	Dec-12						Dec-12						Dec-12				
CENTRL	Jan-12				1,270	MILLWD	Jan-12	505	206		50	NYISO	Jan-12				21,349
	Feb-12		1,175	25,087	2,011		Feb-12	379	161	949	88		Feb-12		13,708	76,209	28,222
	Mar-12						Mar-12						Mar-12				
	Apr-12						Apr-12						Apr-12				
	May-12						May-12						May-12				
	Jun-12					_	Jun-12					_	Jun-12				
	Jul-12					_	Jul-12					-	Jul-12				
	Aug-12						Aug-12					-	Aug-12				
	Sep-12						Sep-12					-	Sep-12				
	Oct-12 Nov-12					_	Oct-12 Nov-12					$\dashv$	Oct-12 Nov-12				
	Dec-12					_	Dec-12					$\dashv$	Dec-12				
	De0-12			i			De0-12						De0-12		1		

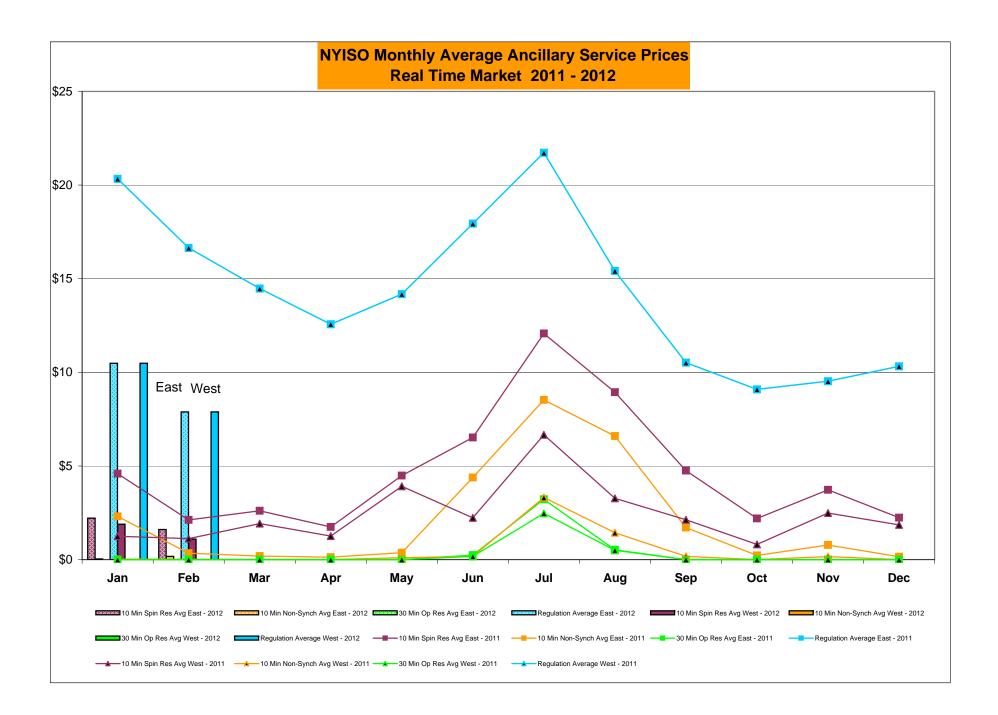
Market Mitigation and Analysis Prepared: 3/5/2012 2:50 PM



Market Mitigation and Analysis Prepared: 3/6/2012 3:43 PM



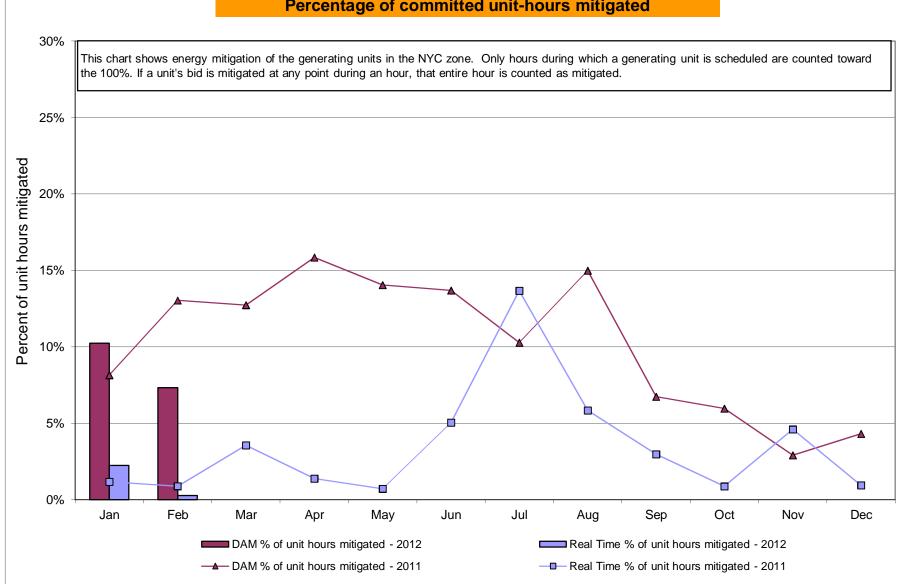


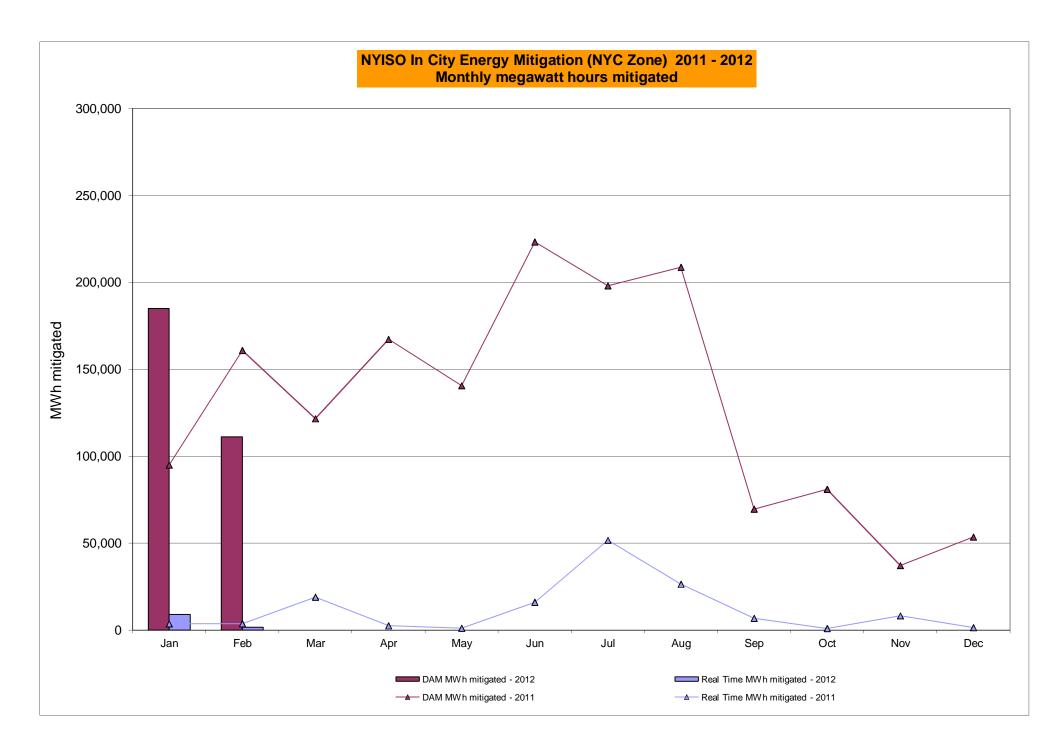


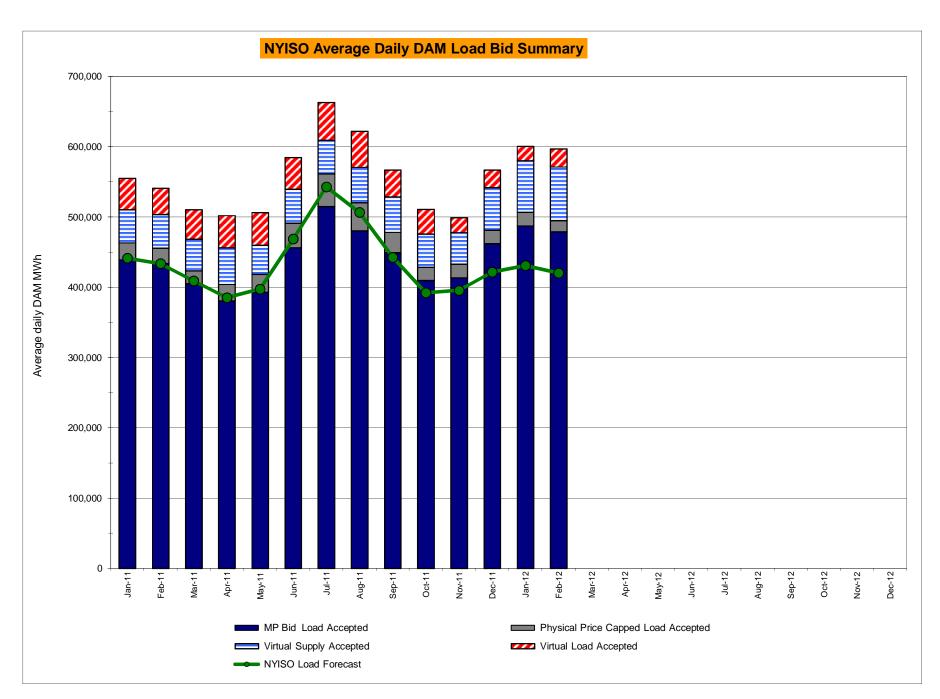
#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

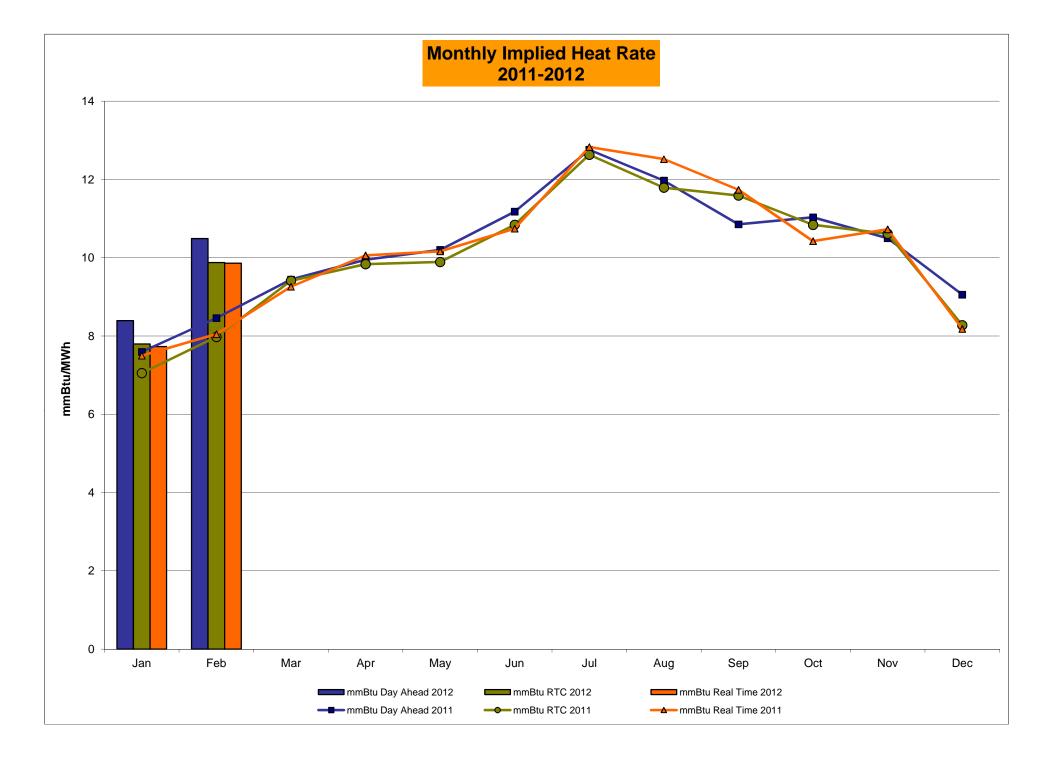
					vious Stati	<u> </u>	orginea i					
2012	January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	December
Day Ahead Market	<u>-</u>											
10 Min Spin East	6.26	4.01										
10 Min Spin West	1.34	0.56										
10 Min Non Synch East	4.71	3.64										
10 Min Non Synch West	0.15	0.18										
30 Min East	0.15	0.18										
30 Min West	0.15	0.18										
Regulation East	9.01	7.11										
Regulation West	9.01	7.11										
•												
RTC Market												
10 Min Spin East	2.64	0.99										
10 Min Spin West	2.16	0.55										
10 Min Non Synch East	0.17	0.13										
10 Min Non Synch West	0.00	0.00										
30 Min East	0.00	0.00										
30 Min West	0.00	0.00										
Regulation East	10.31	7.31										
Regulation West	10.31	7.31										
Real Time Market												
10 Min Spin East	2.21	1.61										
•		1.09										
10 Min Spin West	1.89											
10 Min Non Synch East	0.03	0.17										
10 Min Non Synch West	0.00	0.00										
30 Min East	0.00	0.00										
30 Min West	0.00	0.00										
Regulation East	10.49	7.89										
Regulation West	10.49	7.89										
•												
<u>2011</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>	<u>September</u>	<u>October</u>	November	December
•			<u>March</u>		<u>May</u>				<u>September</u>	<u>October</u>	November	<u>December</u>
<u>2011</u>			<u>March</u> 8.76	<u>April</u> 8.87	<u>May</u> 9.30	<u>June</u> 7.35	<u>July</u> 7.18	August 4.47	September 5.46	October 7.76	November 4.48	December 4.72
2011 Day Ahead Market 10 Min Spin East	<u>January</u> 10.15	February 10.66		8.87	9.30	7.35			5.46		4.48	4.72
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West	<u>January</u> 10.15 4.55	<u>February</u> 10.66 4.56	8.76 4.67	8.87 4.72	9.30 4.30	7.35 3.80	7.18 3.12	4.47 2.42	5.46 2.62	7.76 3.15	4.48 1.32	4.72 1.25
2011 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	<u>January</u> 10.15 4.55 4.99	10.66 4.56 5.48	8.76 4.67 3.90	8.87 4.72 3.60	9.30 4.30 4.75	7.35 3.80 3.51	7.18 3.12 4.10	4.47 2.42 2.19	5.46 2.62 2.75	7.76 3.15 4.62	4.48 1.32 3.33	4.72 1.25 3.55
2011 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	January 10.15 4.55 4.99 0.02	10.66 4.56 5.48 0.02	8.76 4.67 3.90 0.02	8.87 4.72 3.60 0.03	9.30 4.30 4.75 0.03	7.35 3.80 3.51 0.10	7.18 3.12 4.10 0.17	4.47 2.42 2.19 0.19	5.46 2.62 2.75 0.15	7.76 3.15 4.62 0.14	4.48 1.32 3.33 0.18	4.72 1.25 3.55 0.17
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	January 10.15 4.55 4.99 0.02 0.02	February 10.66 4.56 5.48 0.02 0.02	8.76 4.67 3.90 0.02 0.02	8.87 4.72 3.60 0.03 0.03	9.30 4.30 4.75 0.03 0.03	7.35 3.80 3.51 0.10 0.10	7.18 3.12 4.10 0.17 0.17	4.47 2.42 2.19 0.19 0.19	5.46 2.62 2.75 0.15 0.15	7.76 3.15 4.62 0.14 0.14	4.48 1.32 3.33 0.18 0.18	4.72 1.25 3.55 0.17 0.17
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West	January  10.15 4.55 4.99 0.02 0.02 0.02	February 10.66 4.56 5.48 0.02 0.02 0.02	8.76 4.67 3.90 0.02 0.02 0.02	8.87 4.72 3.60 0.03 0.03 0.03	9.30 4.30 4.75 0.03 0.03 0.03	7.35 3.80 3.51 0.10 0.10 0.10	7.18 3.12 4.10 0.17 0.17 0.17	4.47 2.42 2.19 0.19 0.19 0.19	5.46 2.62 2.75 0.15 0.15	7.76 3.15 4.62 0.14 0.14	4.48 1.32 3.33 0.18 0.18 0.18	4.72 1.25 3.55 0.17 0.17 0.17
2011  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	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29	4.47 2.42 2.19 0.19 0.19 0.19 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West	January  10.15 4.55 4.99 0.02 0.02 0.02	February 10.66 4.56 5.48 0.02 0.02 0.02	8.76 4.67 3.90 0.02 0.02 0.02	8.87 4.72 3.60 0.03 0.03 0.03	9.30 4.30 4.75 0.03 0.03 0.03	7.35 3.80 3.51 0.10 0.10 0.10	7.18 3.12 4.10 0.17 0.17 0.17	4.47 2.42 2.19 0.19 0.19 0.19	5.46 2.62 2.75 0.15 0.15	7.76 3.15 4.62 0.14 0.14	4.48 1.32 3.33 0.18 0.18 0.18	4.72 1.25 3.55 0.17 0.17 0.17
2011  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	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29	4.47 2.42 2.19 0.19 0.19 0.19 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85
2011  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	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85
2011  Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85
2011  Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33  1.88 0.89 0.25	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09
2011  Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West  RTC Market 10 Min Spin East 10 Min Spin West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33  1.88 0.89 0.25	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00	February  10.66 4.56 5.48 0.02 0.02 16.33 16.33  1.88 0.89 0.25 0.00	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00
2011  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 East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 0.00	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 188 0.89 0.25 0.00 0.00 0.00	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch East  10 Min Non Synch East  30 Min East  30 Min East  30 Min West  Regulation East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00 15.65	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00
2011  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 West  Regulation West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 0.00	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 188 0.89 0.25 0.00 0.00 0.00	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  30 Min East  Regulation East  Regulation East  Regulation East  Regulation West  Regulation West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18
2011  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 West  Regulation West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00 15.65	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  30 Min East  Regulation East  Regulation East  Regulation East  Regulation West  Regulation West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18
2011  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 East  10 Min West  Regulation East  Regulation East  Regulation East  Regulation West  Real Time Market  10 Min Spin East  10 Min Spin East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91  4.59 1.25	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62 3.03 1.50	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 0.00 10.18 10.18
2011  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  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin East  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch East  30 Min West  Regulation East  Regulation East  Regulation East  Regulation West  Regulation East  Regulation West  Real Time Market  10 Min Spin East  10 Min Spin East  10 Min Spin East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91  4.59 1.25 2.31	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33  1.88 0.89 0.25 0.00 0.00 15.65 15.65  2.12 1.12 0.35	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 11.34  1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59 1.74 1.26 0.13	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62 3.03 1.50 0.21	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16 3.72 2.49 0.77	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East Regulation West  RTC Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  30 Min East  30 Min East  30 Min West  Regulation East Regulation West  Regulation East  Regulation West  Remai Time Market  10 Min Spin West	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 18.91 18.91  4.59 1.25 2.31 0.02	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33  1.88 0.89 0.25 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19 0.00	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 11.34  1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59  1.74 1.26 0.13 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37 0.10	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52 3.31	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 10.24 10.24 4.75 2.12 1.71 0.17	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02  3.84 2.23 0.10 0.00 0.00 9.62 9.62  3.03 1.50 0.21 0.00	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 9.16 9.16 3.72 2.49 0.77 0.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18
2011  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 East  10 Min West  Regulation West  Real Time Market  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Spin West	January  10.15 4.55 4.99 0.02 0.02 19.14 19.14  3.32 0.83 1.48 0.00 0.00 18.91 18.91 4.59 1.25 2.31 0.02 0.00	February  10.66 4.56 5.48 0.02 0.02 16.33 16.33  1.88 0.89 0.25 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19 0.00 0.00	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 11.34  1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59  1.74 1.26 0.13 0.00 0.00 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 12.77 12.77 4.49 3.92 0.37 0.10	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52 3.31 3.22	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24 4.75 2.12 1.71 0.17	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 9.62 9.62 3.03 1.50 0.21 0.00 0.00	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 9.16 9.16 3.72 2.49 0.77 0.16 0.00	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 10.18 10.18 10.18
2011  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 West  Regulation East  10 Min Non Synch West  30 Min East  30 Min West  Regulation West  Regulation West  Real Time Market  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin Sest  10 Min Spin Sest  10 Min Spin Synch East  10 Min Spin Synch West  30 Min Synch East  10 Min Synch Synch West  30 Min East  30 Min East  30 Min East  30 Min East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91 4.59 1.25 2.31 0.02 0.00 0.00 0.00	February  10.66 4.56 5.48 0.02 0.02 16.33 16.33  1.88 0.89 0.25 0.00 0.00 15.65 15.65  2.12 1.12 0.35 0.02 0.00 0.00 0.00	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19 0.00 0.00 0.00 0.00	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 11.34  1.74 1.23 0.05 0.00 0.00 12.59 12.59  1.74 1.26 0.13 0.00 0.00 0.00 0.00 0.00 0.00 0.00	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37 0.10 0.00 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54 6.52 2.23 4.38 0.18 0.24 0.18	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52 3.31 3.22 2.47	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03 8.94 3.27 6.60 1.44 0.52 0.50	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24 4.75 2.12 1.71 0.17 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02  3.84 2.23 0.10 0.00 0.00 9.62 9.62  3.03 1.50 0.21 0.00 0.00 0.00 0.00 0.00	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16 3.72 2.49 0.77 0.16 0.00 0.00 0.00	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 10.18 10.18 10.18
2011  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation West  RTC Market  10 Min Spin West  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min West  Regulation East  Regulation East  Regulation West  Regulation West  Regulation Synch West  10 Min Spin East  10 Min Spin Synch East  10 Min Spin East  10 Min Spin Synch East  10 Min Spin Synch East  10 Min Spin Synch West  30 Min East  30 Min East  30 Min West  Regulation East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91 4.59 1.25 2.31 0.02 0.00 0.00 20.34	February  10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 16.33  1.88 0.89 0.25 0.00 0.00 15.65 15.65  2.12 1.12 0.35 0.02 0.00 0.00 16.65	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19 0.00 0.00 0.00 0.00 14.48	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 11.34  1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59  1.74 1.26 0.13 0.00 0.00 0.00 0.00 0.00 0.00 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37 0.10 0.00 0.00 14.17	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54 6.52 2.23 4.38 0.18 0.24 0.18 17.94	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 15.29  11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93  12.08 6.66 8.52 3.31 3.22 2.47 21.72	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03 8.94 3.27 6.60 1.44 0.52 0.50 15.41	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24 4.75 2.12 1.71 0.17 0.00 0.00 10.51	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 9.62 9.62 3.03 1.50 0.21 0.00 0.00 0.00 0.00 9.34	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16 3.72 2.49 0.77 0.16 0.00 0.00 9.53	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18 2.24 1.86 0.15 0.00 0.00 0.00
2011  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 West  Regulation East  10 Min Non Synch West  30 Min East  30 Min West  Regulation West  Regulation West  Real Time Market  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin Sest  10 Min Spin Sest  10 Min Spin Synch East  10 Min Spin Synch West  30 Min Synch East  10 Min Synch Synch West  30 Min East  30 Min East  30 Min East  30 Min East	January  10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91 4.59 1.25 2.31 0.02 0.00 0.00 0.00	February  10.66 4.56 5.48 0.02 0.02 16.33 16.33  1.88 0.89 0.25 0.00 0.00 15.65 15.65  2.12 1.12 0.35 0.02 0.00 0.00 0.00	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19 0.00 0.00 0.00 0.00	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 11.34  1.74 1.23 0.05 0.00 0.00 12.59 12.59  1.74 1.26 0.13 0.00 0.00 0.00 0.00 0.00 0.00 0.00	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37 0.10 0.00 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54 6.52 2.23 4.38 0.18 0.24 0.18	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52 3.31 3.22 2.47	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03 8.94 3.27 6.60 1.44 0.52 0.50	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24 4.75 2.12 1.71 0.17 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02  3.84 2.23 0.10 0.00 0.00 9.62 9.62  3.03 1.50 0.21 0.00 0.00 0.00 0.00 0.00	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16 3.72 2.49 0.77 0.16 0.00 0.00 0.00	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 10.18 10.18 10.18



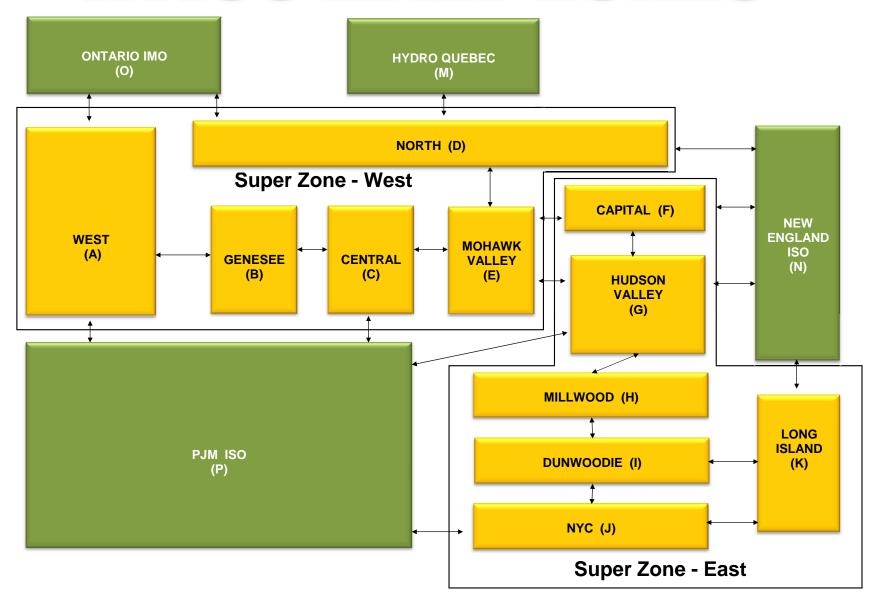








# NYISO LBMP ZONES



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

Chart 4-C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee Balancing	81205	Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports
Bid Production Cost Guarantee Balancing	81208	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81209	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee Balancing	81213	Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports
Bid Production Cost Guarantee DAM	81201	DAM NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee DAM	84001	EDRP/SCR Demand Response - Local
Bid Production Cost Guarantee DAM	84101	EDRP/SCR Demand Response - NYISO Wide
Bid Production Cost Guarantee DAM	81401	DAM Price Responsive Load Program
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

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