

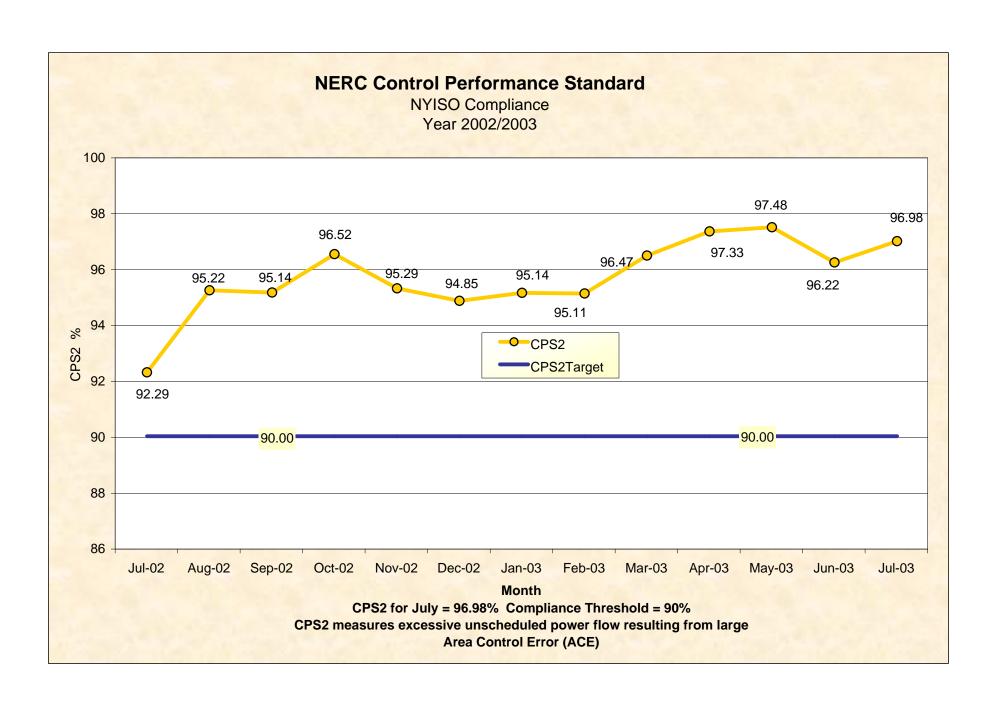
## **NYISO Market Operations Report**

## Business Issues Committee Meeting August 13, 2003

Agenda #4

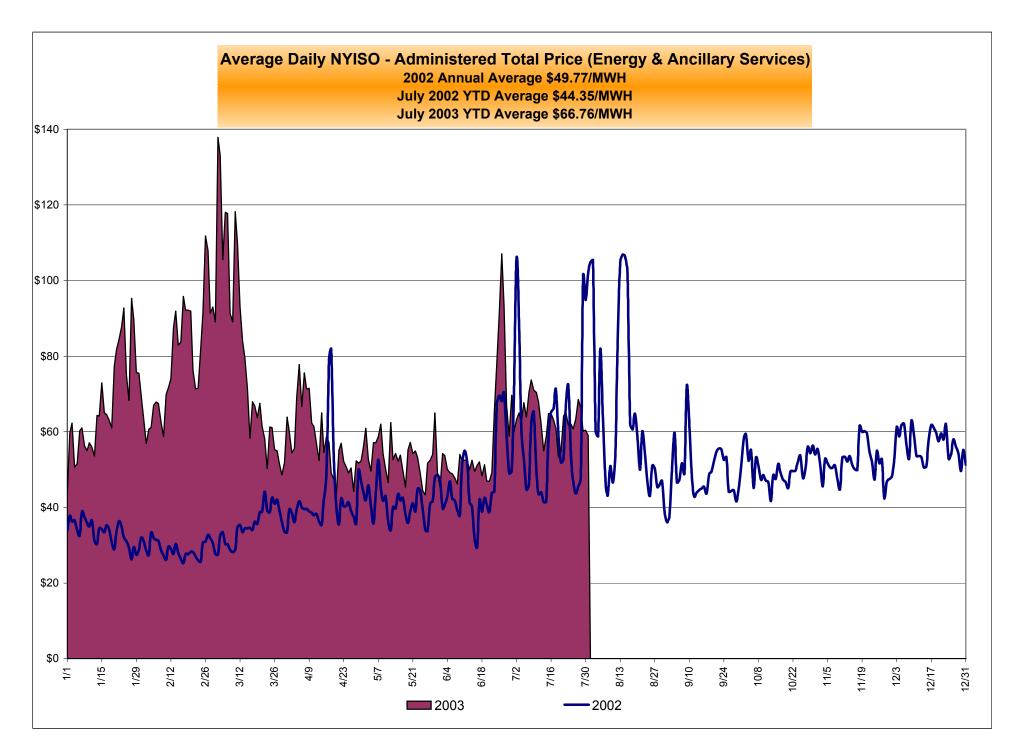
## **Report Items**

- 1) Reliability Indicators
  - > NERC Criteria (CPS-2 Curve)
- 2) Market Performance Highlights



# Market Performance Highlights for July 2003

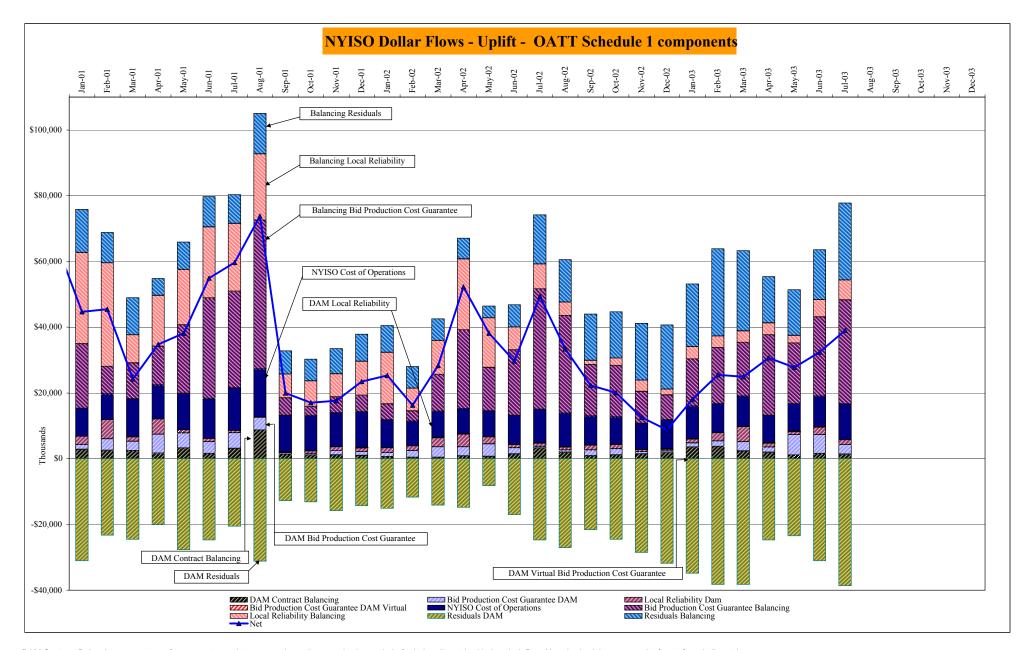
- Prices for energy remained stable in July, driven by moderate weather.
- > July energy send-out was 3% lower than comparable period in 2002.
- > DAM/BME/RT prices continue to exhibit good price convergence.
  - Lower volatility
  - Minimal price spikes observed
- Price reservations and corrections (real-time) rose in July due to a single modeling event on July 3 & 4. The problem was detected and resolved promptly.



### NYISO Administered Total Price (Energy and Ancillary Services) from the LBMP Customer point of view

2003	January	February	March	April	May	June	July	August	September	October	November	December
LBMP	66.41	76.66	78.36	54.26	49.79	57.43	60.10					
NTAC	0.41	0.35	0.66	0.45	0.44	0.39	0.53					
Reserve	0.46	0.35	0.47	0.41	0.47	0.25	0.15					
Regulation	0.26	0.27	0.38	0.31	0.65	0.31	0.19					
NYISO Cost of Operations	0.68	0.68	0.68	0.68	0.68	0.68	0.69					
Uplift	0.33	1.04	0.97	1.72	1.47	1.58	1.74					
Voltage Support and Black Start	0.33	0.33	0.33	0.33	0.34	0.33	0.34					
Avg Monthly Price	68.90	79.69	81.84	58.16	53.84	60.98	63.73					
Avg YTD Price	68.90	74.05	76.61	72.22	68.83	67.43	66.76					
2002	January	February	March	April	May	June	July	August	September	October	November	December
LBMP	30.32	26.58	32.02	39.03	37.48	45.59	60.80	65.60	46.88	48.13	50.10	54.76
NTAC	0.53	0.48	0.45	0.43	0.47	0.61	1.04	0.52	0.49	0.63	0.39	0.35
Reserve	0.19	0.19	0.24	0.29	0.21	0.19	0.30	0.33	0.22	0.22	0.31	0.41
Regulation	0.19	0.19	0.17	0.16	0.26	0.24	0.18	0.20	0.27	0.26	0.25	0.25
NYISO Cost of Operations	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.63
Uplift	1.19	0.67	1.36	3.70	2.34	1.35	2.28	1.32	0.86	0.79	0.22	(0.14)
Voltage Support and Black Start	0.34	0.33	0.33	0.34	0.34	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Avg Monthly Price	33.39	29.08	35.21	44.58	41.72	48.94	65.56	68.94	49.68	50.99	52.24	56.60
Avg YTD Price	33.39	31.37	32.69	35.71	36.83	39.06	44.35	48.39	48.54	48.78	49.10	49.77
2001	January	February	March	April	May	June	July	August	September	October	November	December
LBMP	61.52	44.29	49.98	48.60	52.84	50.31	46.58	71.97	35.33	31.05	31.53	29.23
NTAC	0.39	0.21	0.59	0.35	0.51	0.41	0.30	0.35	0.38	0.39	0.40	0.61
Reserve	0.47	0.29	0.42	0.43	0.59	0.44	0.55	1.40	0.43	0.25	0.27	0.25
Regulation	0.07	0.07	0.10	0.10	0.13	0.08	0.08	0.06	0.14	0.18	0.15	0.18
NYISO Cost of Operations	0.65	0.59	0.89	0.89	0.88	0.88	0.88	0.88	0.88	0.83	0.88	0.88
Uplift	2.62	2.85	0.88	2.04	2.98	3.12	3.71	4.27	0.67	0.54	0.52	0.94
Voltage Support and Black Start	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Avg Monthly Price	66.05	48.64	53.20	52.75	58.27	55.58	52.44	79.28	38.17	33.57	34.10	32.44
Avg YTD Price	66.05	58.08	56.55	55.72	56.21	56.09	55.41	59.68	57.12	54.63	52.99	51.42
2000	January	February	March	April	May	June	July	August	September	October	November	December
LBMP	46.01	41.33	32.62	32.05	50.39	79.35	51.46	63.48	54.29	53.84	52.16	62.85
NTAC	0.47	0.20	0.25	0.65	0.60	0.46	0.39	0.42	0.22	0.32	0.30	0.20
Reserve	1.44	5.64	2.68	0.27	0.68	0.66	0.31	0.49	0.64	0.44	0.33	0.37
Regulation	0.19	0.35	0.42	0.33	0.14	0.01	0.10	0.04	0.07	0.09	0.08	0.07
NYISO Cost of Operations	1.14	(0.46)	(0.61)	0.47	0.76	0.89	0.88	1.81	1.89	0.43	0.48	0.49
Uplift	0.16	0.05	(0.29)	0.27	3.37	3.31	1.13	3.80	2.85	0.96	0.38	3.70
Voltage Support and Black Start	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.37	0.39	0.40	0.40	0.40
Avg Monthly Price	49.78	47.49	35.45	34.40	56.33	85.06	54.64	70.43	60.36	56.48	54.13	68.07
Avg YTD Price	49.78	48.70	44.05	41.62	45.14	53.74	53.91	56.57	57.09	57.02	56.75	57.90

Market Monitoring Prepared: 8/11/2003 10:30



DAM Contract Balancing amounts are for payments made to generating units go 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. The value for April 2003 is \$135,233.

DAM residuals are revenue charged or returned to customers due to the under or over collection of funds. On this chart, negative values represent funds returned to Transmission Customers (through Transmission Owners' Transmission Service Charges).

#### **NYISO Markets Transactions**

Transactions by Market 2003	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWH	14,187,752	12,695,868	13,126,563	11,997,655	12,029,453	13,341,831	15,444,857					
DAM LSE Internal LBMP Energy Sales	46%	48%	46%	49%	46%	48%	55%					
DAM External TC LBMP Energy Sales	1%	1%	1%	1%	2%	2%	1%					
DAM Bilateral - Internal Bilaterals	50%	49%	50%	46%	49%	46%	43%					
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	1%	1%	1%	1%	0%	0%	0%					
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	1%	1%	1%	1%					
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	2%	2%	2%	1%					
Balancing Energy Market MWH	347,539	285,381	376,222	235,800	278,939	291,519	208,142					<u>.</u>
Balancing Energy LSE Internal LBMP Energy Sales	58%	35%	52%	72%	48%	39%	53%					
Balancing Energy External TC LBMP Energy Sales	58%	80%	95%	73%	69%	78%	79%					
Balancing Energy Bilateral - Internal Bilaterals	-6%	-10%	-2%	0%	-5%	5%	-2%					
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	4%	1%	1%	1%	1%	0%	0%					
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	0%	0%	-38%	0%	0%	0%	0%					
Balancing Energy Bilateral - Wheel Through Bilaterals	-14%	-7%	-8%	-46%	-14%	-23%	-31%					
Transactions Summary 2003												
LBMP	49%	50%	49%	52%	49%	52%	56%					
Internal Bilaterals	48%	47%	48%	45%	48%	46%	42%					
Import Bilaterals	1%	1%	1%	1%	0%	0%	0%					
Export Bilaterals	1%	1%	1%	1%	1%	1%	1%					
Wheels Through	1%	1%	1%	1%	1%	1%	1%					
Market Share of Total Load 2003												
Day Ahead Market	97.6%	97.8%	97.2%	98.1%	97.7%	97.9%	98.7%					
Balancing Energy +	2.4%	2.2%	2.8%	1.9%	2.3%	2.1%	1.3%					
Total MWH	14,535,291	12,981,249	13,502,785		12,308,392	13,633,350	15,652,999					
Average Daily Energy Sendout/Month GWh	458	450	418	393	382	432	497					
Tronge Bully Energy condectmental even	100	100	110	000	002	102	107					
Transactions by Market 2002												
Day Ahead Market MWH	13,580,547	12,016,720	12,760,385	11,863,525	12,561,505	14,043,673	16,297,012	16,165,944	13,922,494	12,859,329	12,470,189	13,580,220
Day Ahead Market MWH DAM LSE Internal LBMP Energy Sales	13,580,547 44%	12,016,720 42%	12,760,385 43%	11,863,525 45%	12,561,505 40%	14,043,673 43%	16,297,012 50%	16,165,944 51%	13,922,494 46%	12,859,329 46%	12,470,189 49%	13,580,220 47%
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DAM LSE Internal LBMP Energy Sales	44%	42%	43%	45%	40%	43%	50%	51%	46%	46%	49%	47%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	44% 0%	42% 1%	43% 1%	45% 1%	40% 1%	43% 2%	50% 3%	51% 1%	46% 2%	46% 1%	49% 1%	47% 2%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	44% 0% 51%	42% 1% 52%	43% 1% 51%	45% 1% 49%	40% 1% 55%	43% 2% 51%	50% 3% 45%	51% 1% 45%	46% 2% 49%	46% 1% 50%	49% 1% 46%	47% 2% 49%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals	44% 0% 51% 1%	42% 1% 52% 1%	43% 1% 51% 1%	45% 1% 49% 0%	40% 1% 55% 0%	43% 2% 51% 0%	50% 3% 45% 0%	51% 1% 45% 0%	46% 2% 49% 0%	46% 1% 50% 0%	49% 1% 46% 0%	47% 2% 49% 1%
DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals	44% 0% 51% 1% 1%	42% 1% 52% 1% 1%	43% 1% 51% 1% 1%	45% 1% 49% 0% 1%	40% 1% 55% 0% 1%	43% 2% 51% 0% 1%	50% 3% 45% 0% 1%	51% 1% 45% 0% 1%	46% 2% 49% 0% 1%	46% 1% 50% 0% 1%	49% 1% 46% 0% 1%	47% 2% 49% 1% 1%
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	44% 0% 51% 1% 1% 3% -214,495	42% 1% 52% 1% 1% 3% -30,504	43% 1% 51% 1% 1% 3% 32,311	45% 1% 49% 0% 1% 3% 224,671	40% 1% 55% 0% 1% 2%	43% 2% 51% 0% 1% 2% -69,632	50% 3% 45% 0% 1% 1% 88,020	51% 1% 45% 0% 1% 2% 79,918	46% 2% 49% 0% 1% 2% 112,928	46% 1% 50% 0% 1% 1% 350,988	49% 1% 46% 0% 1% 1% 339,372	47% 2% 49% 1% 1% 1% 514,175
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	44% 0% 51% 1% 1% 3% -214,495 -17%	42% 1% 52% 1% 1% 3%	43% 1% 51% 1% 1% 3% 32,311 821%	45% 1% 49% 0% 1% 3% 224,671 182%	40% 1% 55% 0% 1% 2% -98,746 -10%	43% 2% 51% 0% 1% 2% -69,632 148%	50% 3% 45% 0% 1% 188,020 311%	51% 1% 45% 0% 1% 2%	46% 2% 49% 0% 1% 2%	46% 1% 50% 0% 1% 1%	49% 1% 46% 0% 1% 1%	47% 2% 49% 1% 1% 1% 514,175 59%
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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 2002 LBMP Internal Bilaterals	44% 0% 51% 1% 1% 3% -214,495 -17% 5% 1% 13% 0% -103%	42% 1% 52% 1% 1% 3% -30,504 410% 39% -51% 27% 0% -524%	43% 1% 51% 1% 3% 32,311 821% -36% 8% 24% 0% -717%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 3% 0% -84%	40% 1% 55% 0% 1% 2% -98,746 -10% 44% 10% 8% -154% 42% 55%	43% 2% 51% 0% 1% 2% -69,632 148% -95% 14% 15% 2% -183%	50% 3% 45% 0% 1% 1% 88,020 311% -165% -19% 24% 0% -52%	51% 1% 45% 0% 1% 2% 79,918 18% 89% 27% 19% -55%	46% 2% 49% 0% 1% 2% 112,928 -77% 189% 17% 14% 0% -42%	46% 1% 50% 0% 1% 1% 350,988 61% -2% 8% 0% -4%	49% 1% 46% 0% 1% 1% 339,372 52% 44% 9% 0% -8%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% 0% -2%
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 2002 LBMP Internal Bilaterals Import Bilaterals	44% 0% 51% 1% 1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1%	42% 1% 52% 1% 1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1%	43% 1% 51% 1% 3% 32,311 821% -36% 8% 24% 0% -717% 46% 51%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 3% 0% -84% 49%	40% 1% 55% 0% 1% 2% -98,746 -10% 44% 10% 8% -154% 42% 55% 0%	43% 2% 51% 0% 1% 2% -69,632 148% -95% 14% 15% 2% -183%	50% 3% 45% 0% 1% 1% 88,020 311% -165% -19% 24% 0% -52%	51% 1% 45% 0% 1% 29 79,918 18% 89% 27% 19% -55% 52% 45% 0%	46% 2% 49% 0% 1% 29% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0%	46% 1% 50% 0% 1% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1%	49% 1% 46% 0% 1% 1% 339,372 52% 44% 3% 9% 0% -8%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% 0% -2% 50% 47% 1%
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 2002 LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals	44% 0% 51% 1% 1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1%	42% 1% 52% 1% 1% 3% -30,504 410% 39% -51% 0% -524% 44% 52% 1% 1%	43% 1% 51% 1% 1% 3% 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 0% -84% 48% 49% 0% 1%	40% 1% 55% 0% 1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0% 1%	43% 2% 51% 0% 1% 2% -69,632 148% -95% 14% 2% -183% 46% 51% 0% 1%	50% 3% 45% 0% 1% 1% 88,020 311% -165% -19% 24% 0% -52%  53% 45% 0% 1%	51% 1% 45% 0% 1% 29% 79,918 18% 89% 27% 19% -55% 52% 45% 0% 1%	46% 2% 49% 0% 1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0% 1%	46% 1% 50% 0% 1% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1%	49% 1% 46% 0% 1% 1% 339,372 52% 44% 3% 9% 0% -8%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% -2% 50% 47% 1%
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 2002 LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through	44% 0% 51% 1% 1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1%	42% 1% 52% 1% 1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1%	43% 1% 51% 1% 3% 32,311 821% -36% 8% 24% 0% -717% 46% 51%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 3% 0% -84% 49%	40% 1% 55% 0% 1% 2% -98,746 -10% 44% 10% 8% -154% 42% 55% 0%	43% 2% 51% 0% 1% 2% -69,632 148% -95% 14% 15% 2% -183%	50% 3% 45% 0% 1% 1% 88,020 311% -165% -19% 24% 0% -52%	51% 1% 45% 0% 1% 29 79,918 18% 89% 27% 19% -55% 52% 45% 0%	46% 2% 49% 0% 1% 29% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0%	46% 1% 50% 0% 1% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1%	49% 1% 46% 0% 1% 1% 339,372 52% 44% 3% 9% 0% -8%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% 0% -2% 50% 47% 1%
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 BAM 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 2002 LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load 2002	44% 0% 51% 1% 1% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1%	42% 1% 52% 1% 1% 3% -30,504 410% 39% -511% 27% 0% -524%  44% 52% 1% 1% 2%	43% 1% 51% 1% 1% 3% 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1%	40% 1% 55% 0% 1% 2% -98,746 -10% 8% 1% -154% 42% 55% 0% 1% 1%	43% 2% 51% 0% 1% 2% -69,632 148% 15% 2% -183% 46% 51% 0% 1% 2%	50% 3% 45% 0% 1% 18,020 311% -165% -19% 24% 0% -52% 53% 45% 0% 1% 1%	51% 1% 45% 0% 1% 2% 79,918 18% 89% 27% 19% -55% 52% 45% 0% 1%	46% 2% 49% 0% 1% 27 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0% 1%	46% 1% 50% 0% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1%	49% 1% 46% 0% 1% 18 339,372 52% 44% 3% 9% 0% -8% 52% 45% 1% 1%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% -2% 50% 47% 1% 1%
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 2002 LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load 2002 Day Ahead Market	44% 0% 51% 1% 1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1% 101.6%	42% 1% 52% 1% 1% 3% -30,504 410% 39% -511% 27% 0% -524%  44% 52% 1% 1% 2%	43% 1% 51% 1% 3% 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1% 1% 1%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1% 1%	40% 1% 55% 0% 1% 2% -98,746 -10% 44% 10% 8% -154% 42% 55% 0% 1% 100.8%	43% 2% 51% 0% 1% -69,632 148% -95% 2% -183% 46% 51% 0% 1% 2%	50% 3% 45% 0% 1% 1% 88,020 311% -165% -19% 24% 0% -52%  53% 45% 0% 1% 1%	51% 1% 45% 0% 1% 2% 79,918 18% 89% 27% 19% 1% -55%  52% 45% 0% 1% 1%	46% 2% 49% 0% 1% 2% 112,928 -77% 189% 14% 0% -42% 48% 0% 1% 199.2%	46% 1% 50% 0% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1%	49% 1% 46% 0% 1% 18 339,372 52% 44% 3% 9% 0% -8%  52% 45% 1% 1% 1%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% -2% 50% 47% 1% 1% 1%
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 BAM 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 2002 LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through Market Share of Total Load 2002 Day Ahead Market Balancing Energy +	44% 0% 51% 1% 1% 1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1% 1% 11% 101.6% -1.6% **	42% 1% 52% 1% 1% 3% -30,504 410% 39% -51% 27% 0% -524%  44% 52% 1% 1% 2%	43% 1% 51% 1% 1% 3% 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1% 1% 1%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1% 1%	40% 1% 55% 0% 1% 2% -98,746 -10% 44% 10% 8% 1% -154%  42% 55% 0% 1% 100.8% -0.8%  ** ** ** ** ** ** ** ** ** ** ** ** *	43% 2% 51% 0% 1% 2% -69,632 148% -95% 145% 2% -183% 46% 51% 0% 1% 2%	50% 3% 45% 0% 1% 1% 88,020 311% -165% -19% 24% 0% -52%  53% 45% 0% 1% 1%	51% 1% 45% 0% 1% 2% 79,918 18% 89% 27% 19% 1% -55%  52% 45% 0% 1% 1% 99.5% 0.5%	46% 2% 49% 0% 1% 2% 112,928 -77% 189% 17% 14% 0% -42% 48% 0% 1% 1%	46% 1% 50% 0% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1% 1% 1%	49% 1% 46% 0% 1% 1% 339,372 52% 44% 3% 9% 0% -8%  52% 45% 1% 1% 1% 1% 97.4% 2.6%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% -2% 50% 47% 1% 1% 1% 1% 96.4% 3.6%
DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWH  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary 2002 LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load 2002 Day Ahead Market	44% 0% 51% 1% 1% 1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1% 1% 11% 101.6% -1.6% **	42% 1% 52% 1% 1% 3% -30,504 410% 39% -511% 27% 0% -524%  44% 52% 1% 1% 2%	43% 1% 51% 1% 1% 3% 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1% 1% 1%	45% 1% 49% 0% 1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1% 1%	40% 1% 55% 0% 1% 2% -98,746 -10% 44% 10% 8% 1% -154%  42% 55% 0% 1% 100.8% -0.8%  ** ** ** ** ** ** ** ** ** ** ** ** *	43% 2% 51% 0% 1% 2% -69,632 148% -95% 145% 2% -183% 46% 51% 0% 1% 2%	50% 3% 45% 0% 1% 1% 88,020 311% -165% -19% 24% 0% -52%  53% 45% 0% 1% 1%	51% 1% 45% 0% 1% 2% 79,918 18% 89% 27% 19% 1% -55%  52% 45% 0% 1% 1% 99.5% 0.5%	46% 2% 49% 0% 1% 2% 112,928 -77% 189% 17% 14% 0% -42% 48% 0% 1% 1%	46% 1% 50% 0% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1% 1% 1%	49% 1% 46% 0% 1% 18 339,372 52% 44% 3% 9% 0% -8%  52% 45% 1% 1% 1%	47% 2% 49% 1% 1% 1% 514,175 59% 30% 3% 9% -2% 50% 47% 1% 1% 1%

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

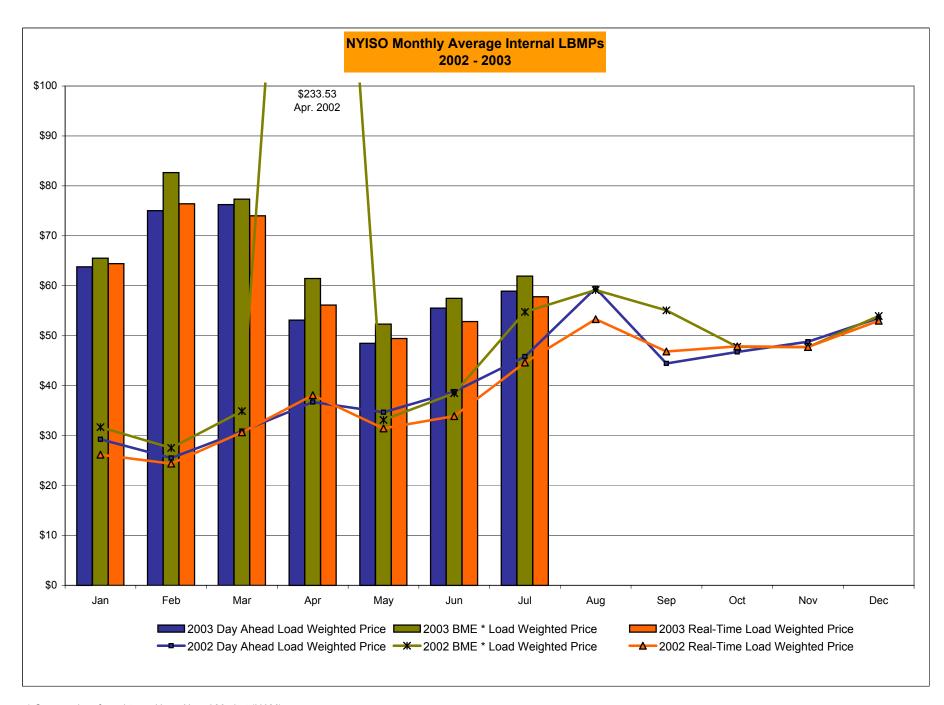
Note: Virtual Transactions are not reflected in this chart.

<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 2003 Energy Statistics**

DAY AHEAD LBMP	January	February	March	April	May	June	July	August	September	October	November	December
Unweighted Price	\$61.33	\$72.81	\$73.18	\$51.58	\$46.43	\$51.45	\$57.10					
Standard Deviation	\$20.09	\$21.12	\$29.70	\$12.47	\$14.03	\$21.27	\$11.88					
Load Wtg.Price	\$63.81	\$75.03	\$76.25	\$53.14	\$48.47	\$55.52	\$58.93					
Load Wig.i fice	ψ05.01	Ψ1 3.03	Ψ10.20	Ψ55.14	ψ <del>τ</del> υ.τ <i>ι</i>	ψ00.02	Ψ00.90					
BME * LBMP												
Unweighted Price	\$63.19	\$80.25	\$74.27	\$59.22	\$50.27	\$53.84	\$59.99					
Standard Deviation	\$25.43	\$41.53	\$32.77	\$25.00	\$16.37	\$22.27	\$14.82					
Load Wtg.Price	\$65.54	\$82.65	\$77.33	\$61.45	\$52.31	\$57.49	\$61.94					
	Ψσσ.σ.	ψοσσ	ψσσ	ψοσ	Ψ0=.0.	<b>400</b>	Ψσσ.					
REAL TIME LBMP												
Unweighted Price	\$61.53	\$74.03	\$70.54	\$53.94	\$46.74	\$48.96	\$55.94					
Standard Deviation	\$30.16	\$37.46	\$37.97	\$28.70	\$23.03	\$21.57	\$13.68					
Load Wtg.Price	\$64.43	\$76.41	\$74.02	\$56.14	\$49.44	\$52.82	\$57.79					
•												
Average Daily Energy Sendout/Month GWh	458	450	418	393	382	432	497					
		NYISO	) Markets	s 2002 Ene	rgy Statis	stics						
	lanuani		Morob	A peril	Mov	luna	luba	August	Contombor	Ostobor	November	Dagambar
DAY AHEAD I RMP	January	February	March	April	May	June	July	August	September	October	November	December
DAY AHEAD LBMP	ŕ	February		·	•		•	· ·	·			
Unweighted Price	\$28.39	February \$24.93	\$30.07	\$35.25	\$33.36	\$38.96	\$51.07	\$54.86	\$42.58	\$45.16	\$47.30	\$52.01
Unweighted Price Standard Deviation	\$28.39 \$7.26	February \$24.93 \$4.61	\$30.07 \$7.28	\$35.25 \$11.57	\$33.36 \$8.76	\$38.96 \$15.32	\$51.07 \$23.15	\$54.86 \$29.88	\$42.58 \$11.72	\$45.16 \$11.61	\$47.30 \$11.72	\$52.01 \$12.28
Unweighted Price	\$28.39	February \$24.93	\$30.07	\$35.25	\$33.36	\$38.96	\$51.07	\$54.86	\$42.58	\$45.16	\$47.30	\$52.01
Unweighted Price Standard Deviation Load Wtg.Price	\$28.39 \$7.26	February \$24.93 \$4.61	\$30.07 \$7.28	\$35.25 \$11.57	\$33.36 \$8.76	\$38.96 \$15.32	\$51.07 \$23.15	\$54.86 \$29.88	\$42.58 \$11.72	\$45.16 \$11.61	\$47.30 \$11.72	\$52.01 \$12.28
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP	\$28.39 \$7.26 \$29.25	\$24.93 \$4.61 \$25.50	\$30.07 \$7.28 \$30.88	\$35.25 \$11.57 \$36.72	\$33.36 \$8.76 \$34.66	\$38.96 \$15.32 \$38.81	\$51.07 \$23.15 \$45.81	\$54.86 \$29.88 \$59.54	\$42.58 \$11.72 \$44.43	\$45.16 \$11.61 \$46.76	\$47.30 \$11.72 \$48.79	\$52.01 \$12.28 \$53.54
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price	\$28.39 \$7.26 \$29.25 \$30.66	\$24.93 \$4.61 \$25.50 \$26.84	\$30.07 \$7.28 \$30.88	\$35.25 \$11.57 \$36.72 \$191.03	\$33.36 \$8.76 \$34.66	\$38.96 \$15.32 \$38.81 \$38.57	\$51.07 \$23.15 \$45.81 \$63.19	\$54.86 \$29.88 \$59.54 \$55.27	\$42.58 \$11.72 \$44.43 \$51.96	\$45.16 \$11.61 \$46.76 \$45.90	\$47.30 \$11.72 \$48.79 \$46.53	\$52.01 \$12.28 \$53.54 \$52.44
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price Standard Deviation	\$28.39 \$7.26 \$29.25 \$30.66 \$11.22	\$24.93 \$4.61 \$25.50 \$26.84 \$7.60	\$30.07 \$7.28 \$30.88 \$33.53 \$13.84	\$35.25 \$11.57 \$36.72 \$191.03 \$1,020.88	\$33.36 \$8.76 \$34.66 \$31.43 \$13.91	\$38.96 \$15.32 \$38.81 \$38.57 \$54.74	\$51.07 \$23.15 \$45.81 \$63.19 \$181.17	\$54.86 \$29.88 \$59.54 \$55.27 \$29.34	\$42.58 \$11.72 \$44.43 \$51.96 \$147.55	\$45.16 \$11.61 \$46.76 \$45.90 \$12.10	\$47.30 \$11.72 \$48.79 \$46.53 \$11.07	\$52.01 \$12.28 \$53.54 \$52.44 \$14.74
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price	\$28.39 \$7.26 \$29.25 \$30.66	\$24.93 \$4.61 \$25.50 \$26.84	\$30.07 \$7.28 \$30.88	\$35.25 \$11.57 \$36.72 \$191.03	\$33.36 \$8.76 \$34.66	\$38.96 \$15.32 \$38.81 \$38.57	\$51.07 \$23.15 \$45.81 \$63.19	\$54.86 \$29.88 \$59.54 \$55.27	\$42.58 \$11.72 \$44.43 \$51.96	\$45.16 \$11.61 \$46.76 \$45.90	\$47.30 \$11.72 \$48.79 \$46.53	\$52.01 \$12.28 \$53.54 \$52.44
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price Standard Deviation	\$28.39 \$7.26 \$29.25 \$30.66 \$11.22	\$24.93 \$4.61 \$25.50 \$26.84 \$7.60	\$30.07 \$7.28 \$30.88 \$33.53 \$13.84	\$35.25 \$11.57 \$36.72 \$191.03 \$1,020.88	\$33.36 \$8.76 \$34.66 \$31.43 \$13.91	\$38.96 \$15.32 \$38.81 \$38.57 \$54.74	\$51.07 \$23.15 \$45.81 \$63.19 \$181.17	\$54.86 \$29.88 \$59.54 \$55.27 \$29.34	\$42.58 \$11.72 \$44.43 \$51.96 \$147.55	\$45.16 \$11.61 \$46.76 \$45.90 \$12.10	\$47.30 \$11.72 \$48.79 \$46.53 \$11.07	\$52.01 \$12.28 \$53.54 \$52.44 \$14.74
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price Standard Deviation Load Wtg.Price	\$28.39 \$7.26 \$29.25 \$30.66 \$11.22	\$24.93 \$4.61 \$25.50 \$26.84 \$7.60	\$30.07 \$7.28 \$30.88 \$33.53 \$13.84	\$35.25 \$11.57 \$36.72 \$191.03 \$1,020.88	\$33.36 \$8.76 \$34.66 \$31.43 \$13.91	\$38.96 \$15.32 \$38.81 \$38.57 \$54.74	\$51.07 \$23.15 \$45.81 \$63.19 \$181.17	\$54.86 \$29.88 \$59.54 \$55.27 \$29.34	\$42.58 \$11.72 \$44.43 \$51.96 \$147.55	\$45.16 \$11.61 \$46.76 \$45.90 \$12.10	\$47.30 \$11.72 \$48.79 \$46.53 \$11.07	\$52.01 \$12.28 \$53.54 \$52.44 \$14.74
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price Standard Deviation Load Wtg.Price  REAL TIME LBMP	\$28.39 \$7.26 \$29.25 \$30.66 \$11.22 \$31.67	\$24.93 \$4.61 \$25.50 \$26.84 \$7.60 \$27.54	\$30.07 \$7.28 \$30.88 \$33.53 \$13.84 \$34.88	\$35.25 \$11.57 \$36.72 \$191.03 \$1,020.88 \$233.53	\$33.36 \$8.76 \$34.66 \$31.43 \$13.91 \$33.12	\$38.96 \$15.32 \$38.81 \$38.57 \$54.74 \$38.49	\$51.07 \$23.15 \$45.81 \$63.19 \$181.17 \$54.76	\$54.86 \$29.88 \$59.54 \$55.27 \$29.34 \$59.15	\$42.58 \$11.72 \$44.43 \$51.96 \$147.55 \$55.08	\$45.16 \$11.61 \$46.76 \$45.90 \$12.10 \$47.76	\$47.30 \$11.72 \$48.79 \$46.53 \$11.07 \$47.70	\$52.01 \$12.28 \$53.54 \$52.44 \$14.74 \$53.95
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price Standard Deviation Load Wtg.Price  REAL TIME LBMP Unweighted Price	\$28.39 \$7.26 \$29.25 \$30.66 \$11.22 \$31.67	\$24.93 \$4.61 \$25.50 \$26.84 \$7.60 \$27.54	\$30.07 \$7.28 \$30.88 \$33.53 \$13.84 \$34.88	\$35.25 \$11.57 \$36.72 \$191.03 \$1,020.88 \$233.53	\$33.36 \$8.76 \$34.66 \$31.43 \$13.91 \$33.12	\$38.96 \$15.32 \$38.81 \$38.57 \$54.74 \$38.49	\$51.07 \$23.15 \$45.81 \$63.19 \$181.17 \$54.76	\$54.86 \$29.88 \$59.54 \$55.27 \$29.34 \$59.15	\$42.58 \$11.72 \$44.43 \$51.96 \$147.55 \$55.08	\$45.16 \$11.61 \$46.76 \$45.90 \$12.10 \$47.76	\$47.30 \$11.72 \$48.79 \$46.53 \$11.07 \$47.70	\$52.01 \$12.28 \$53.54 \$52.44 \$14.74 \$53.95
Unweighted Price Standard Deviation Load Wtg.Price  BME * LBMP Unweighted Price Standard Deviation Load Wtg.Price  REAL TIME LBMP Unweighted Price Standard Deviation	\$28.39 \$7.26 \$29.25 \$30.66 \$11.22 \$31.67 \$25.36 \$8.27	\$24.93 \$4.61 \$25.50 \$26.84 \$7.60 \$27.54 \$23.73 \$8.83	\$30.07 \$7.28 \$30.88 \$33.53 \$13.84 \$34.88 \$29.78 \$10.97	\$35.25 \$11.57 \$36.72 \$191.03 \$1,020.88 \$233.53 \$35.44 \$25.85	\$33.36 \$8.76 \$34.66 \$31.43 \$13.91 \$33.12 \$29.80 \$13.32	\$38.96 \$15.32 \$38.81 \$38.57 \$54.74 \$38.49 \$33.98 \$16.92	\$51.07 \$23.15 \$45.81 \$63.19 \$181.17 \$54.76 \$53.70 \$66.25	\$54.86 \$29.88 \$59.54 \$55.27 \$29.34 \$59.15 \$49.74 \$24.86	\$42.58 \$11.72 \$44.43 \$51.96 \$147.55 \$55.08	\$45.16 \$11.61 \$46.76 \$45.90 \$12.10 \$47.76	\$47.30 \$11.72 \$48.79 \$46.53 \$11.07 \$47.70 \$46.13 \$18.25	\$52.01 \$12.28 \$53.54 \$52.44 \$14.74 \$53.95 \$51.04 \$22.41

<sup>\*</sup> Commonly referred as Hour Ahead Market (HAM)

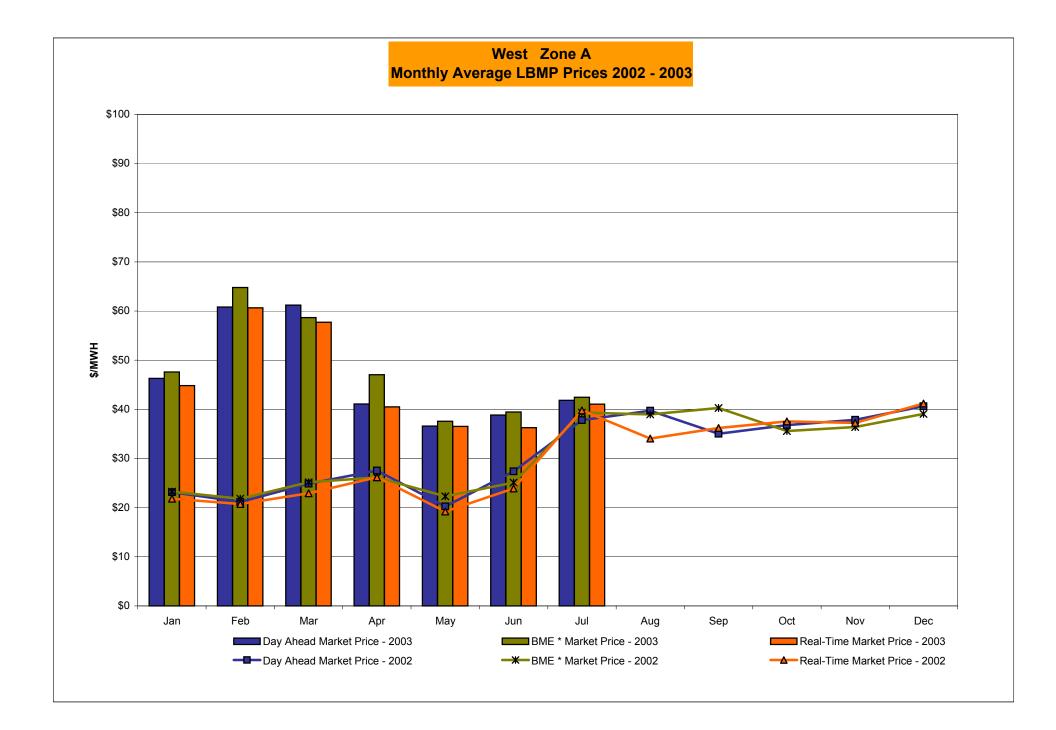


<sup>\*</sup> Commonly referred to as Hour Ahead Market (HAM)

#### July 2003 Zonal Statistics for NYISO (\$/MWH)

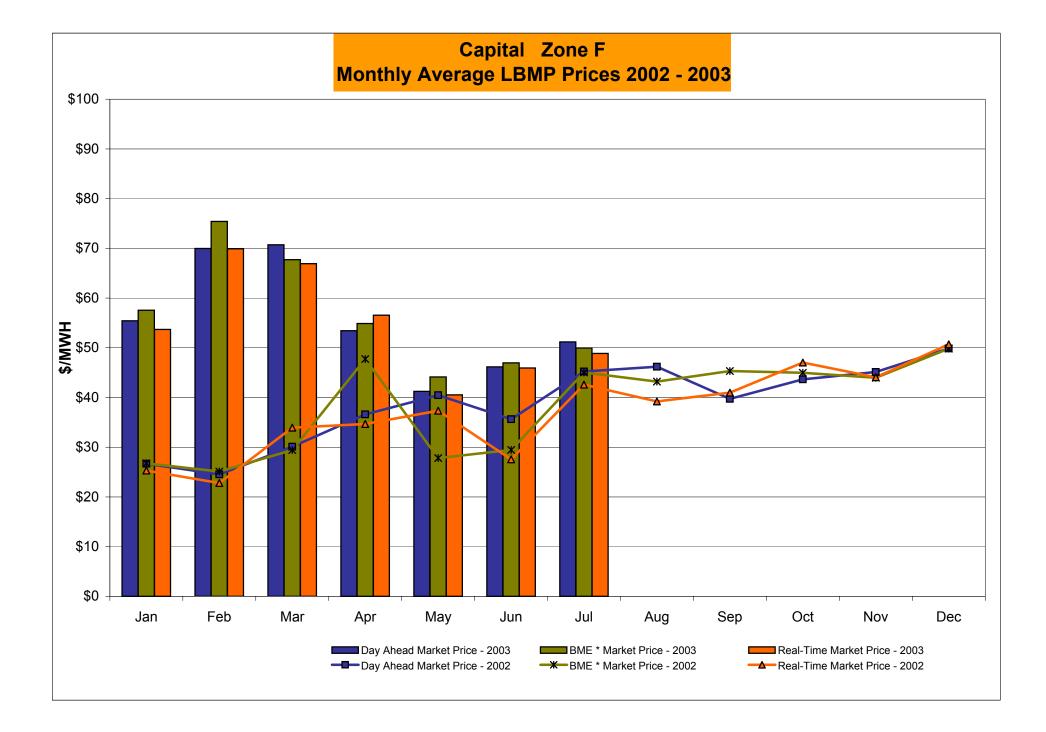
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL Zone C	MOHAWK VALLEY Zone E	CAPITAL Zone F	HUDSON VALLEY Zone G	MILLWOOD Zone H	DUNWOODIE Zone I	NEW YORK CITY Zone J	LONG ISLAND Zone K
DAY AHEAD LBMP											
Unweighted Price	41.84	45.01	46.20	46.18	47.94	51.16	54.75	54.98	55.73	65.60	65.87
Standard Deviation	8.06	8.61	8.25	8.86	9.01	10.42	13.04	13.51	13.78	14.93	14.86
BME * LBMP											
Unweighted Price	42.45	44.31	46.83	46.76	48.69	49.96	50.99	52.10	52.98	75.18	65.98
Standard Deviation	10.73	10.85	10.24	11.27	11.38	11.57	11.93	13.45	13.51	23.31	17.32
REAL TIME LBMP											
Unweighted Price	41.06	43.93	43.80	43.40	45.14	48.87	49.76	52.41	53.26	67.52	62.98
Standard Deviation	10.74	11.30	11.56	11.30	11.85	13.29	13.55	15.78	15.98	20.77	17.18
	ONTARIO	HYDRO		NEW							
	HYDRO	QUEBEC	PJM	ENGLAND							
	Zone O	Zone M	Zone P	Zone N							
DAY AHEAD LBMP											
Unweighted Price	40.33	46.00	41.93	51.75							
Standard Deviation	8.51	8.70	11.52	11.21							
BME * LBMP											
Unweighted Price	40.68	38.53	41.54	49.31							
Standard Deviation	28.21	86.15	47.47	12.00							
REAL TIME LBMP											
Unweighted Price	36.61	36.58	38.99	47.70							
Standard Deviation	27.71	86.08	46.91	12.79							

<sup>\*</sup>Commonly Referred as Hour Ahead Market (HAM)



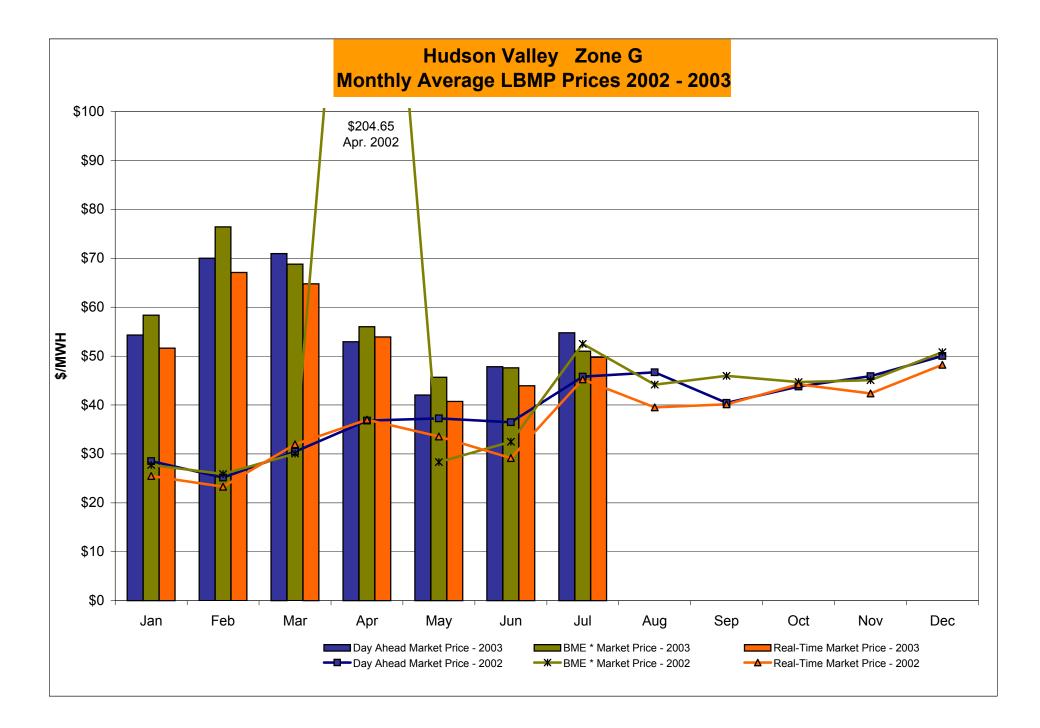
<sup>\*</sup> Commonly referred to as Hour Ahead Market (HAM)

Market Monitoring Prepared: 8/7/2003 10:30

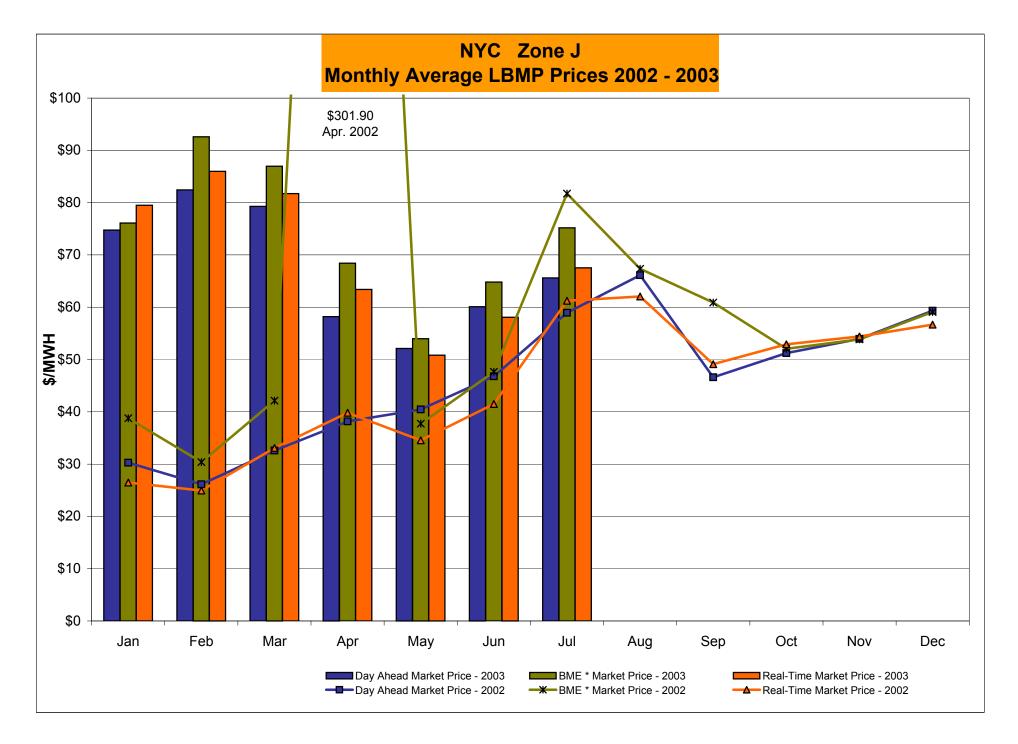


<sup>\*</sup> Commonly referred to as Hour Ahead Market (HAM)

Prepared: 8/7/2003 10:30

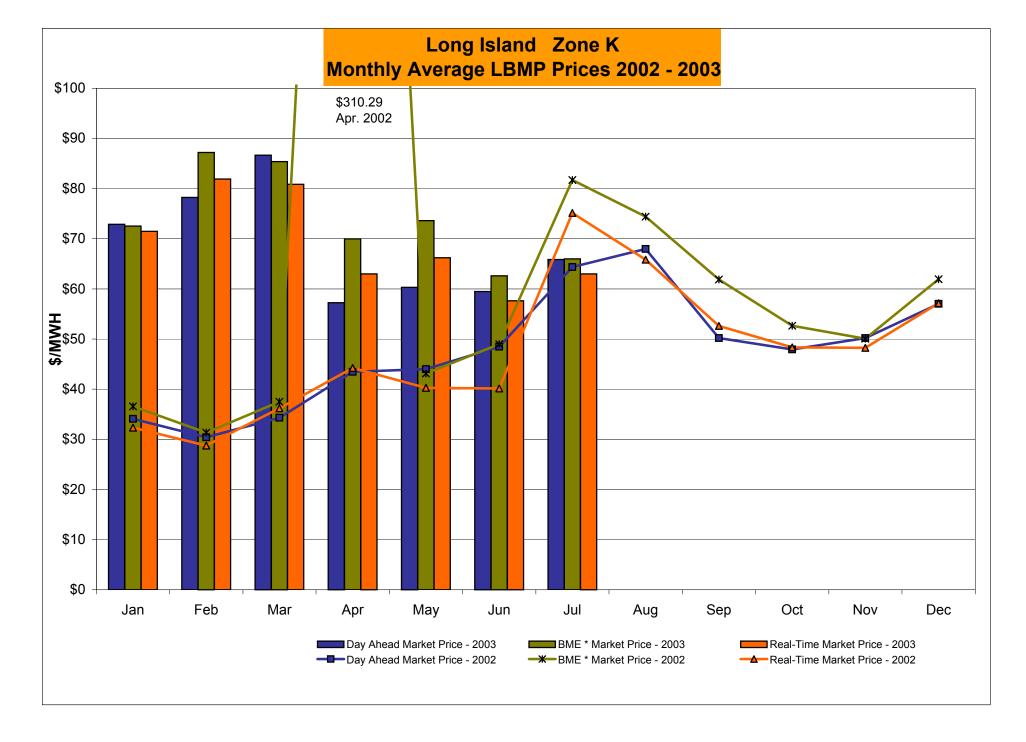


<sup>\*</sup> Commonly referred to as Hour Ahead Market (HAM)



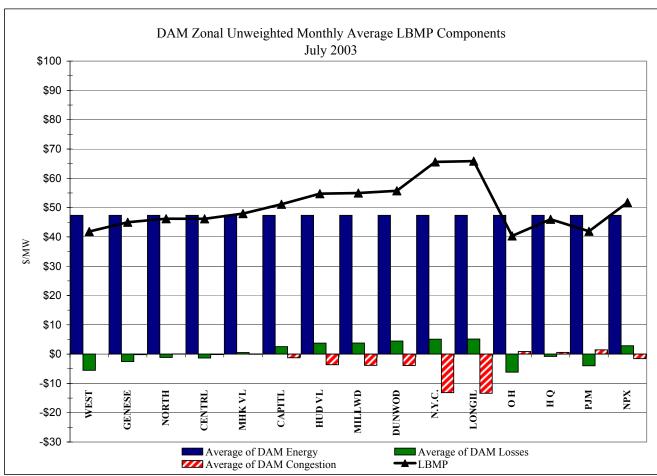
<sup>\*</sup> Commonly referred to as Hour Ahead Market (HAM)

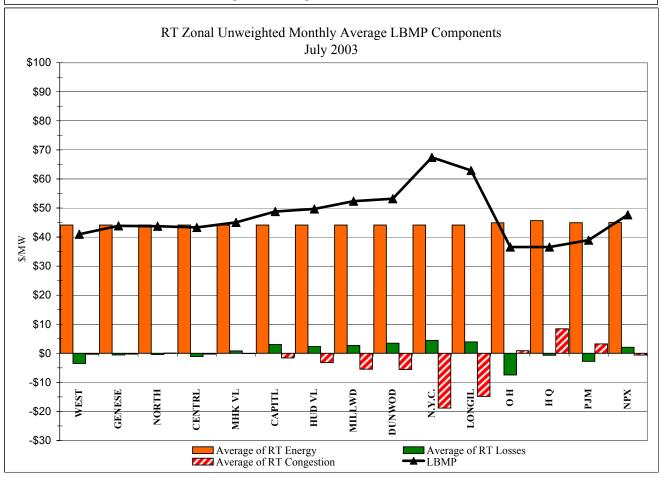
Market Monitoring Prepared: 8/7/2003 10:30



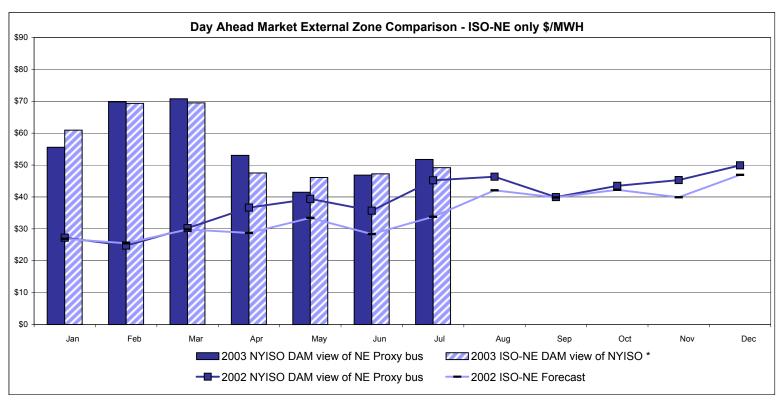
<sup>\*</sup> Commonly referred to as Hour Ahead Market (HAM)

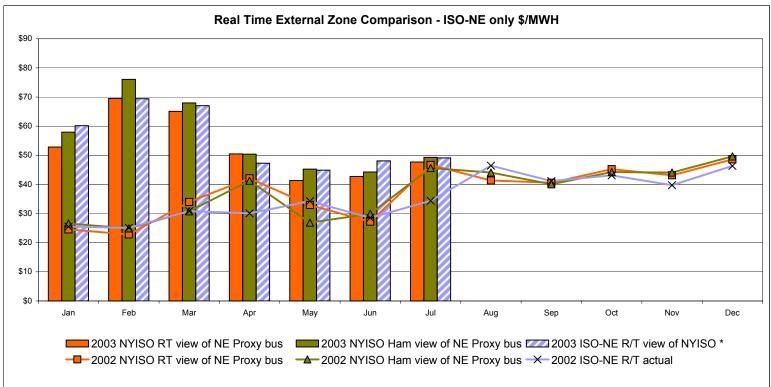
Market Monitoring Prepared: 8/7/2003 10:30





#### **External Comparison ISO-NE**



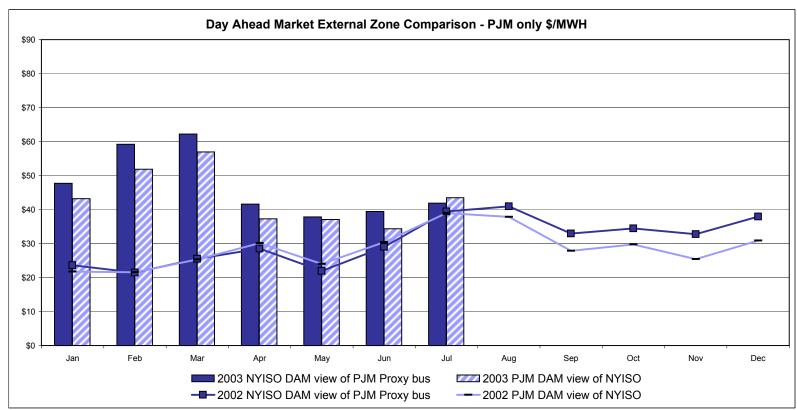


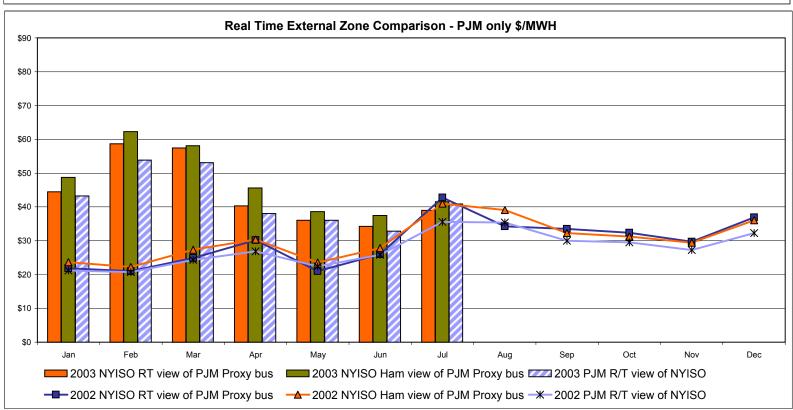
#### Note:

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

<sup>\*</sup> Effective 3/1/2003 SMD implemented by ISO-NE. The DAM and R/T prices at the Roseton interface are now used.

#### **External Comparison PJM**

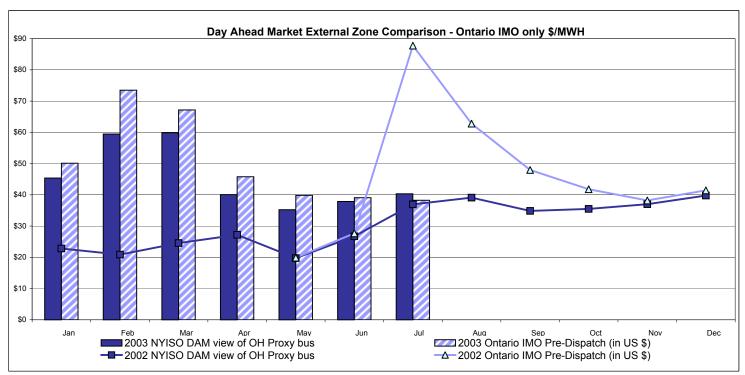


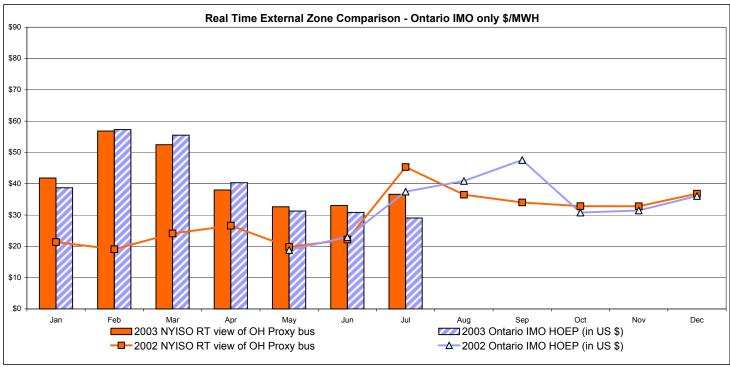


Note:

After 5/1/02 PJM lists only one interface as NYIS

#### **External Comparison Ontario IMO**





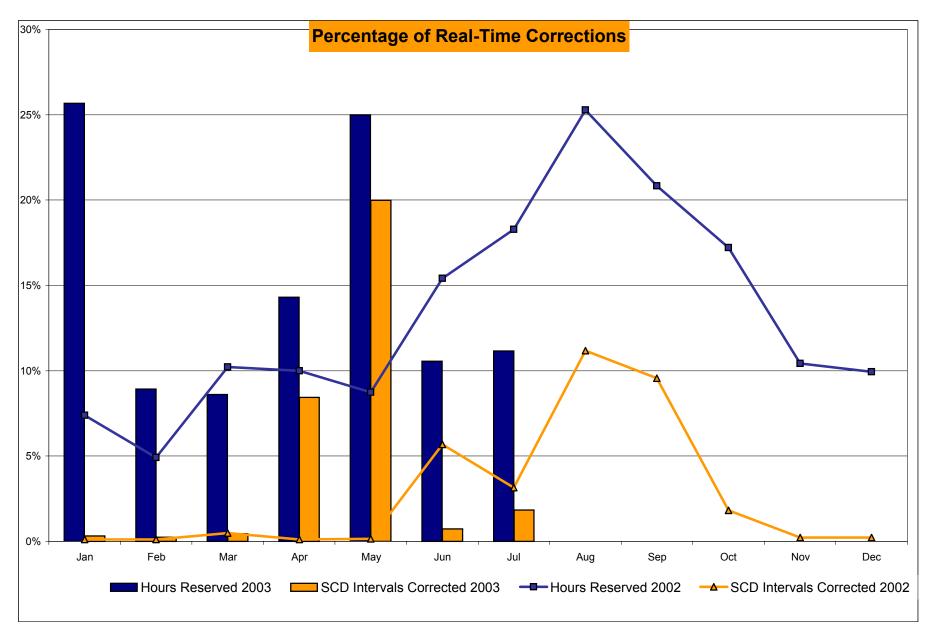
Notes: Exchange factor used for July 2003 was .72 to US \$

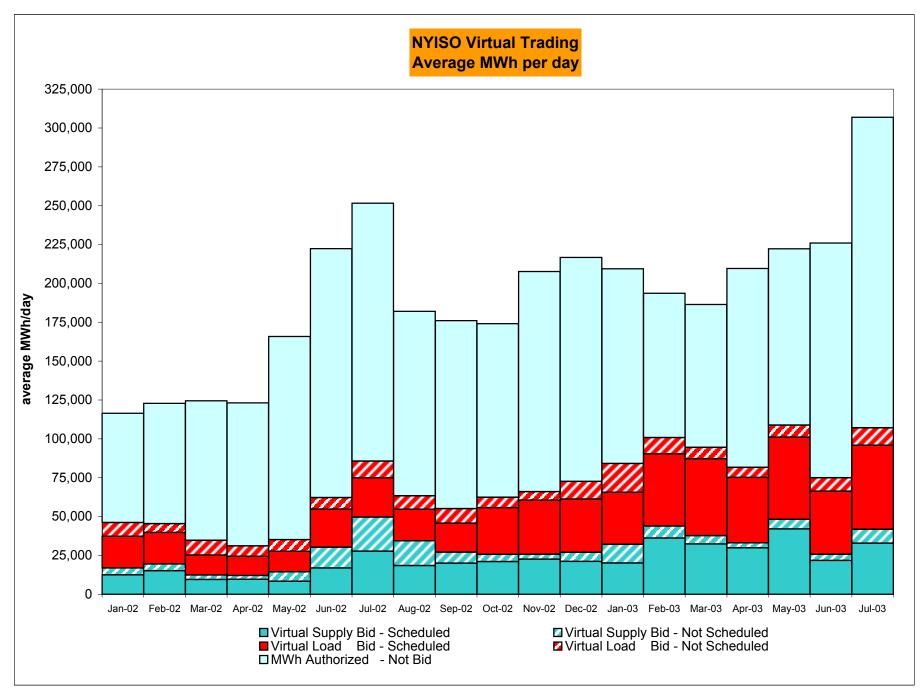
HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price

#### **NYISO Price Correction Statistics**

#### **NYISO Price Corrections 2003**

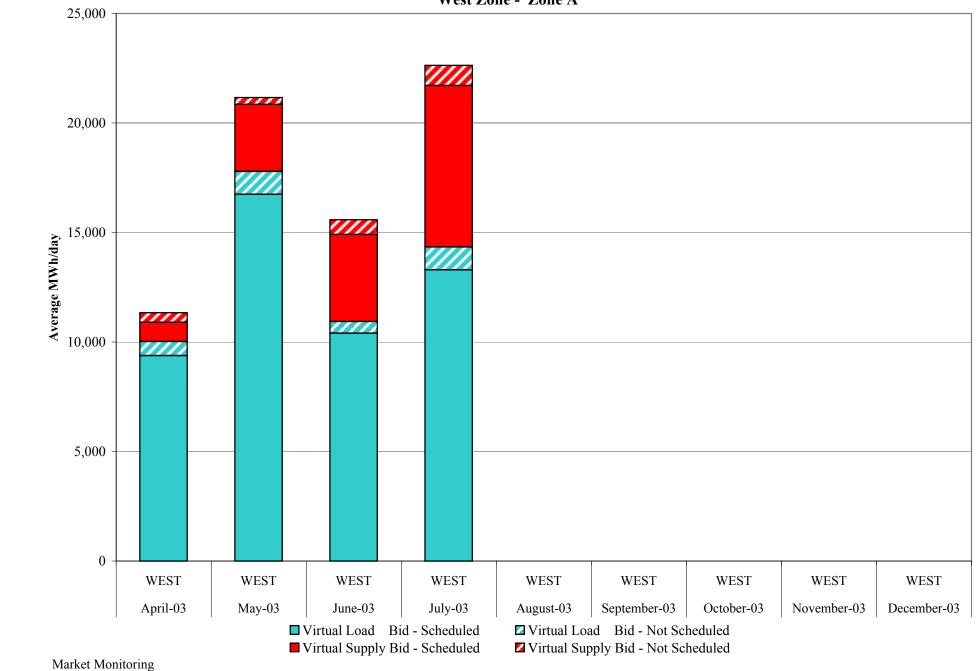
Interval Corrections	January	February	March	April	May	June	July	August	September	October	November	December
Number of Intervals corrected in the month	36	25	49	891	2,254	79	202					
Number of Intervals in the month	10,986	10,197	10,918	10,554	11,274	10,729	10,998					
Percentage of intervals corrected in the month	0.32%	0.25%	0.45%	8.44%	19.99%	0.74%	1.84%					
Number of Intervals corrected Year-to-date	36	61	110	1,001	3,255	3,334	3,536					
Number of Intervals Year-to-date	10,986	21,183	32,101	42,655	53,929	64,658	75,656					
Percentage of intervals corrected Year-to-date	0.32%	0.28%	0.34%	2.35%	6.04%	5.16%	4.67%					
Hours Reserved												
Number of hours reserved in the month	191	60	64	103	186	76	83					
Number of hours in the month	744	672	744	720	744	720	744					
Percentage of hours reserved in the month	25.67%	8.93%	8.60%	14.31%	25.00%	10.56%	11.16%					
Number of hours reserved Year-to-date	191	251	315	418	604	680	763					
Number of hours Year-to-date	744	1,416	2,160	2,880	3,624	4,344	5,088					
Percentage of hours reserved Year-to-date	25.67%	15.74%	14.58%	14.51%	16.67%	15.65%	15.00%					
Days Without Corrections												
Days without price corrections in the month	17	15	14	9	8	8	7					
Days without price corrections Year-to-date	17	32	46	55	63	71	78					
<b>NYISO Price Corrections 2002</b>												
Interval Corrections	January	February	March	April	May	June	July	August	September	October	November	December
Number of Intervals corrected in the month	12	11	55	13	16	616	346	1,261	1,016	201	23	24
Number of Intervals in the month	11,129	10,111	11,231	11,075	11,330	10,845	11,014	11,291	10,632	11,068	10,568	11,043
Percentage of intervals corrected in the month	0.11%	0.11%	0.49%	0.12%	0.14%	5.68%	2.28%	11.17%	9.56%	1.82%	0.22%	0.22%
Number of Intervals corrected Year-to-date	12	23	78	91	107	723	1,069	2,330	3,346	3,547	3,570	3,594
Number of Intervals Year-to-date	11,129	21,240	32,471	43,546	54,876	65,721	76,735	88,026	98,658	109,726	120,294	131,337
Percentage of intervals corrected Year-to-date	0.11%	0.11%	0.24%	0.21%	0.19%	1.10%	1.27%	2.65%	3.39%	3.23%	2.97%	2.74%
Hours Reserved												
Number of hours reserved in the month	55	33	76	72	65	111	136	188	150	128	75	74
Number of hours in the month	744	672	744	720	744	720	744	744	720	744	720	744
Percentage of hours reserved in the month	7.26%	4.91%	10.22%	10.00%	8.74%	15.42%	18.28%	25.27%	20.83%	17.20%	10.42%	9.95%
Number of hours reserved Year-to-date	55	88	164	236	301	412	548	736	886	1,014	1,089	1,163
Number of hours Year-to-date	744	1,416	2,160	2,880	3,624	4,344	5,088	5,832	6,552	7,296	8,016	8,760
Percentage of hours reserved Year-to-date	7.26%	6.14%	7.55%	8.16%	8.31%	9.48%	10.77%	12.62%	13.52%	13.90%	13.59%	13.28%
Days Without Corrections												
Days without price corrections in the month	25	20	27	23	20	12	11	5	10	15	19	17
Days without price corrections Year-to-date	25	45	72	95	115	127	138	143	153	168	187	204





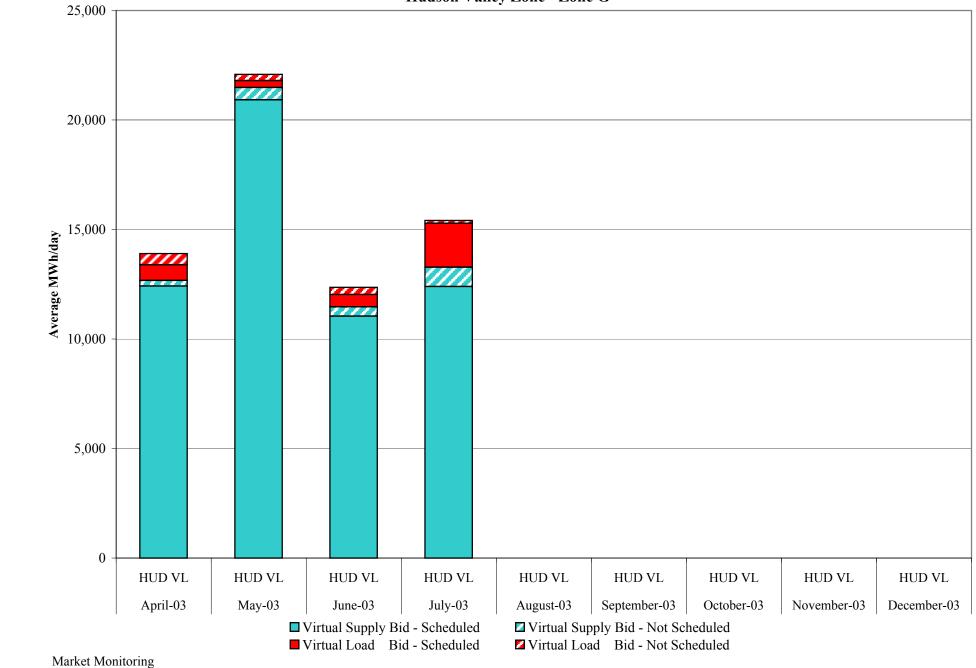
Market Monitoring Prepared: 8/5/2003 15:30

#### Virtual Load and Supply Zonal Trend Statistics 2003 West Zone - Zone A



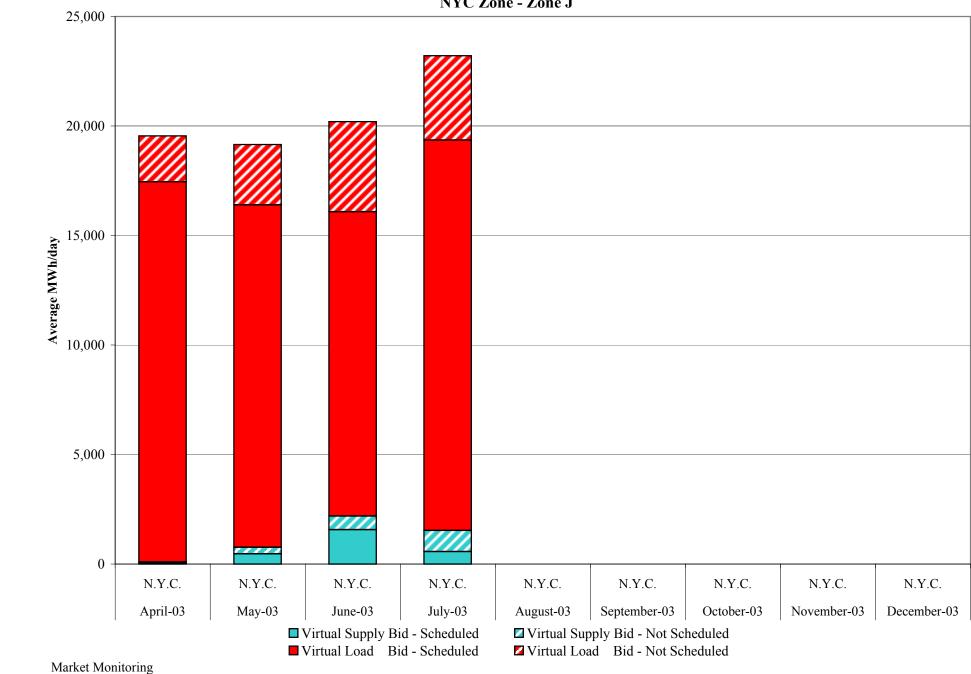
Market Monitoring Prepared: 8/11/2003 11:00

#### Virtual Load and Supply Zonal Trend Statistics 2003 Hudson Valley Zone - Zone G



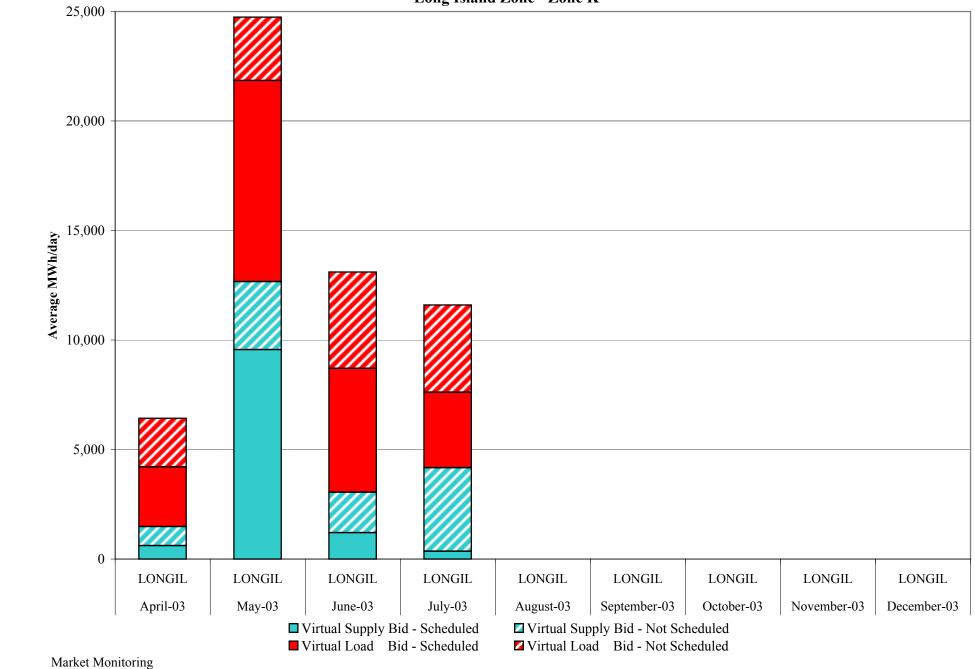
Market Monitoring Prepared: 8/11/2003 11:00

#### Virtual Load and Supply Zonal Trend Statistics 2003 NYC Zone - Zone J



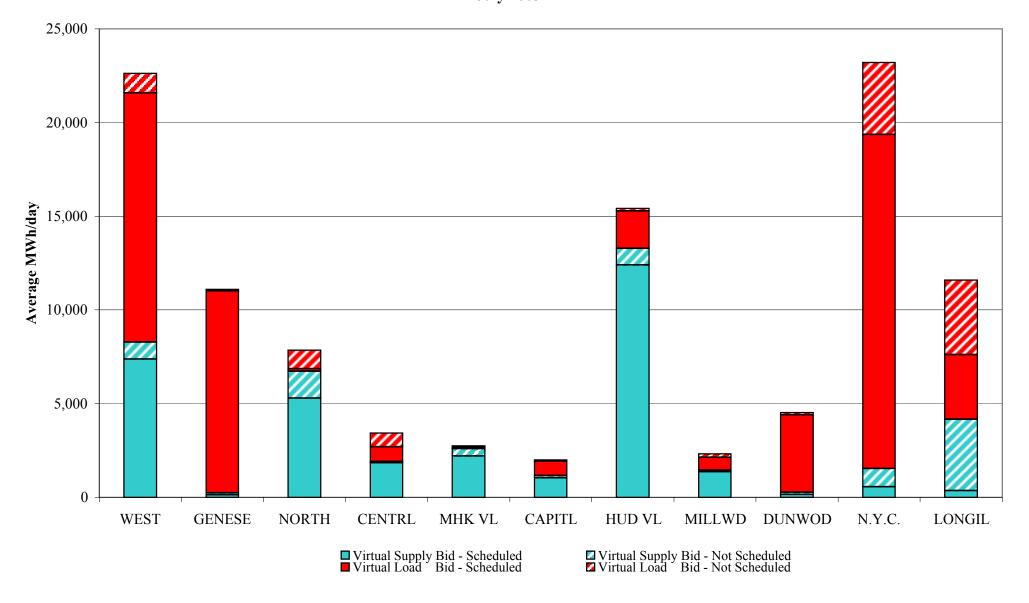
Market Monitoring Prepared: 8/11/2003 11:00

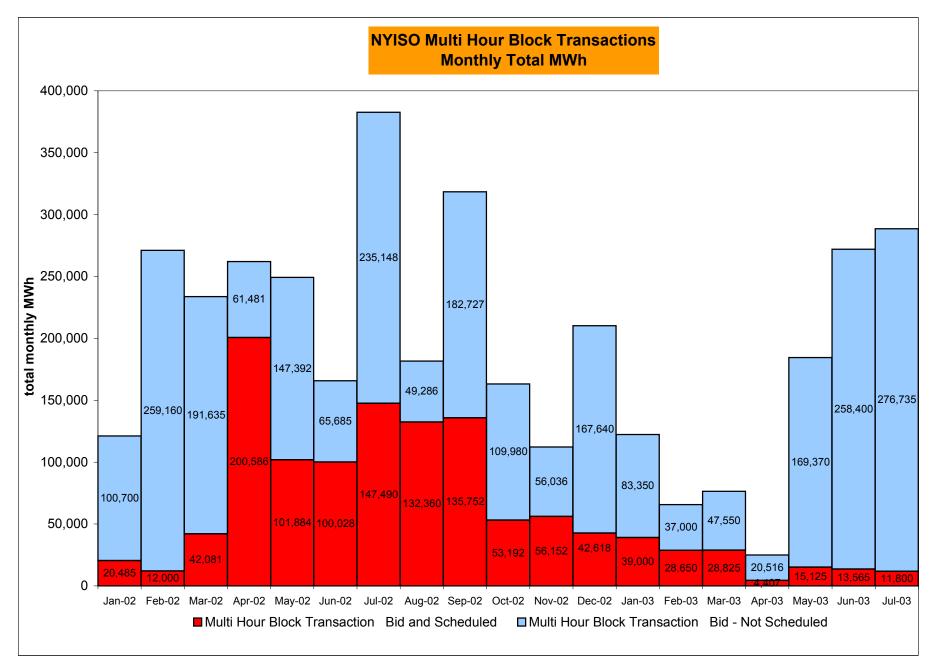
#### Virtual Load and Supply Zonal Trend Statistics 2003 Long Island Zone - Zone K

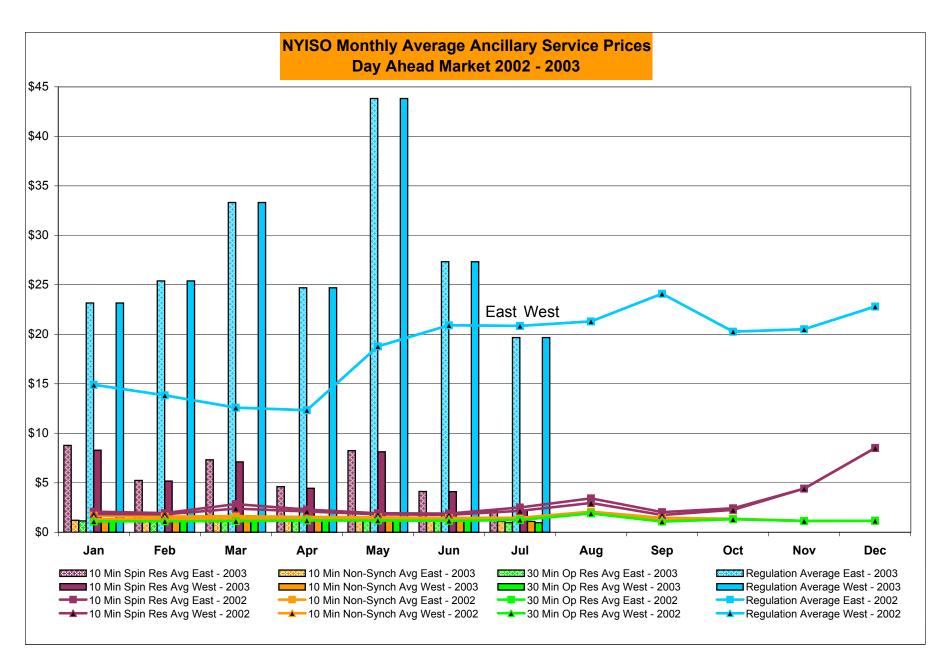


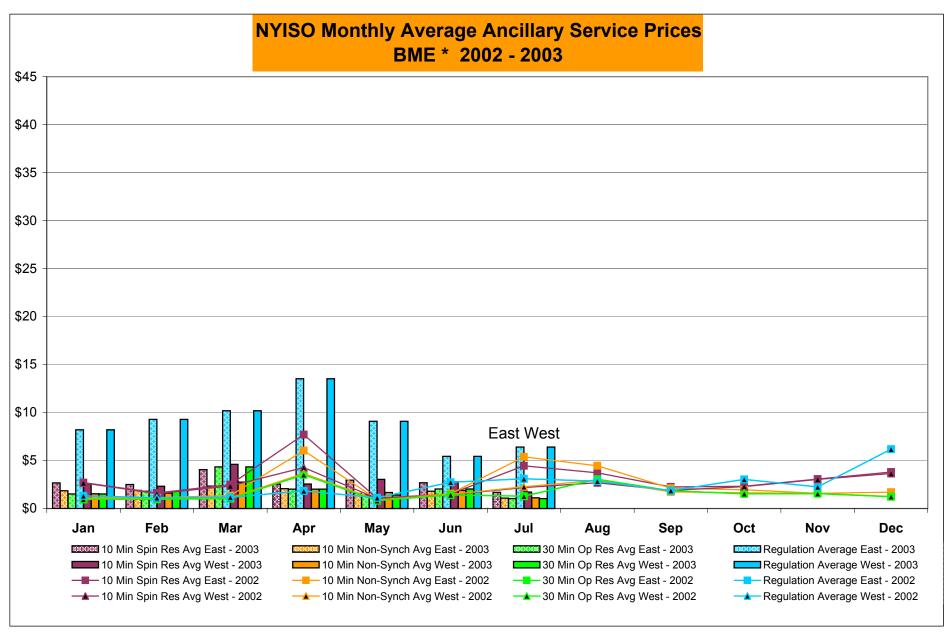
Prepared: 8/11/2003 11:00

#### Virtual Load and Supply Zonal Statistics July 2003









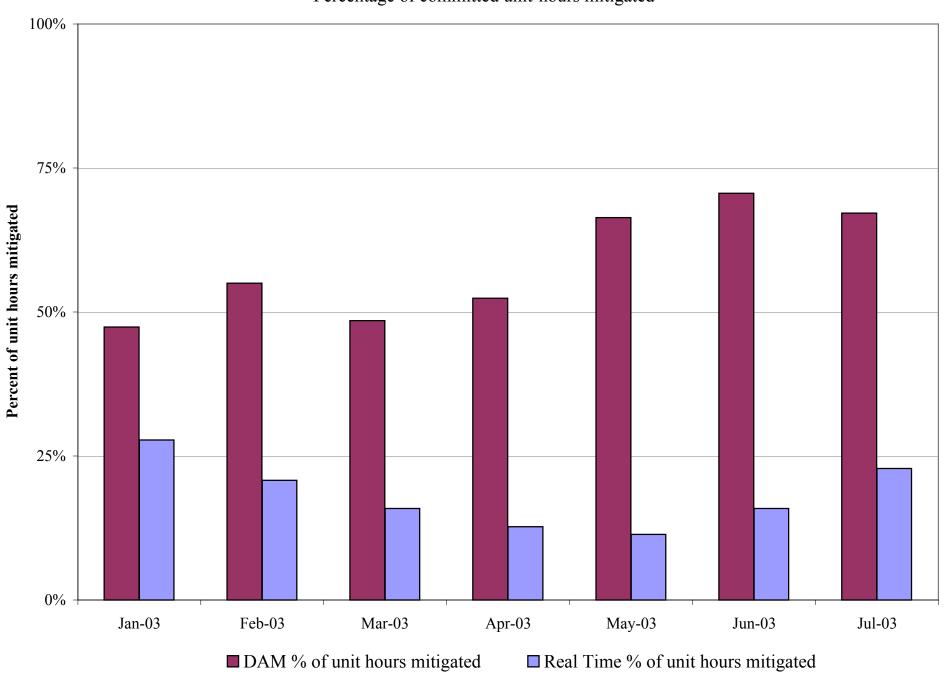
<sup>\*</sup> Commonly referred to as Hour Ahead Market (HAM)

#### **NYISO Markets Ancillary Services Statistics**

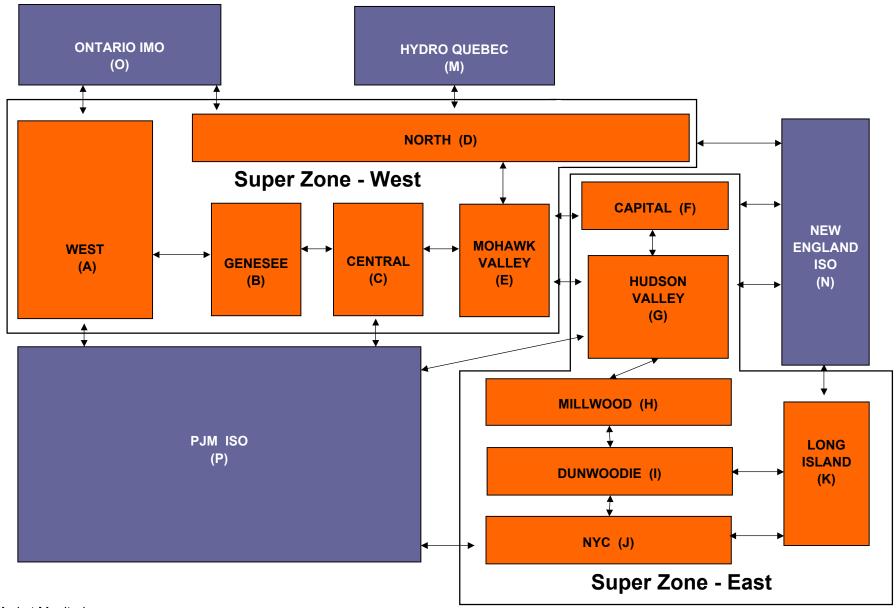
Part		January	February	March	April	May	June	July	August	September	October	November	December
To Min Spin East	ANCILLARY SERVICES Unweigh	nted Price (\$/M	WH) 2003										
To Min Spin East	Day Ahead Market												
10 Min Spin West 8.30 5.17 7.12 4.45 8.12 4.11 2.18 10 Min Non Synch East 1.22 1.36 1.60 1.61 1.48 1.40 1.09 10 Min Non Synch West 1.15 1.32 1.45 1.64 1.46 1.49 1.09 30 Min East 1.14 1.30 1.41 1.48 1.42 1.35 0.97 30 Min West 1.14 1.30 1.41 1.48 1.42 1.35 0.97 Regulation East 2.317 25.39 33.31 24.70 4.382 27.33 19.67 Regulation West 2.3.17 25.39 33.31 24.70 43.82 27.33 19.67  BME* Market 10 Min Spin West 2.2.59 2.50 4.05 2.54 2.95 2.89 1.69 10 Min Spin West 2.2.59 2.32 4.61 2.55 3.04 2.78 1.72 10 Min Spin West 2.2.59 2.32 4.61 2.55 3.04 2.78 1.72 10 Min Non Synch East 1.85 1.89 2.34 2.07 1.57 1.80 1.09 10 Min Spin West 1.53 1.59 2.75 2.02 1.67 1.88 1.11 30 Min East 1.52 1.80 4.34 2.02 1.40 2.03 1.04 30 Min West 1.52 1.80 4.34 2.02 1.40 2.03 1.04 30 Min West 1.52 1.80 4.34 2.02 1.40 2.03 1.04 30 Min West 8.2.1 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41   ANCILLARY SERVICES Unweighted Price (\$MWH) 2002   ANCILLARY SERVICES Unweighted Price (\$MWH) 2002  Day Ahead Market 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 6.52 1.00 Min Spin West 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 6.52 1.00 Min Spin West 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 6.52 1.00 Min Spin West 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 6.52 1.00 Min Spin West 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 6.52 1.00 Min Spin West 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 6.52 1.00 Min Spin West 1.09 1.11 1.13 1.19 1.20 1.17 1.24 1.90 1.09 1.32 1.15 1.16 1.00 Min Non Synch West 1.09 1.11 1.13 1.19 1.20 1.17 1.24 1.90 1.09 1.32 1.15 1.16 1.00 Min Spin West 1.09 1.31 1.35 1.30 1.29 1.23 18.78 2.09 2.05 2.131 2.410 2.027 2.051 2.280 Regulation East 1.19 1.33 1.259 1.233 18.78 2.092 2.055 2.131 2.410 2.027 2.051 2.280 Regulation East 1.19 1.35 2.35 2.33 18.78 2.092 2.055 2.131 2.410 2.027 2.051 2.280 Regulation East 1.19 1.35 5.00 0.09 1.10 4.42 2.79 2.94 1.74 1.63 1.58 1.28 1.00 Min Spin West 2.67 1.55 2.24 4.26 1.03 1.49 2.27 2.94 1.74		8 78	5 24	7 33	4 60	8 24	4 12	2 18					
10 Min Non Synch East													
10 Min Non Synch West 1.15 1.32 1.45 1.54 1.45 1.39 1.09 30 Min East 1.14 1.30 1.41 1.48 1.42 1.35 0.97   30 Min West 1.14 1.30 1.41 1.48 1.42 1.35 0.97   Regulation East 2.3.17 2.5.39 33.31 24.70 43.82 27.33 19.67													
30 Min East													
30 Min West	-												
Regulation East 23.17 25.39 33.31 24.70 43.82 27.33 19.67 Regulation West 23.17 25.39 33.31 24.70 43.82 27.33 19.67    BME*Market													
Regulation West   23.17   25.39   33.31   24.70   43.82   27.33   19.67													
To Min Spin East	•												
To Min Spin East	RMF* Market												
10 Min Spin West		2 67	2 50	4.05	2 54	2 95	2 60	1 60					
10 Min Non Synch East 1.85 1.89 2.34 2.07 1.57 1.80 1.09 10 Min Non Synch West 1.53 1.59 2.75 2.02 1.67 1.88 1.11 30 Min East 1.52 1.80 4.34 2.02 1.40 2.03 1.04 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 Regulation East 9.09 1.95 2.85 2.29 1.93 1.90 2.51 3.43 2.04 2.43 4.42 8.52 10 Min Spin East 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 8.52 10 Min Spin West 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 8.52 10 Min Non Synch East 1.68 1.58 1.64 1.55 1.52 1.46 1.47 2.09 1.46 1.37 1.15 1.16 10 Min Non Synch West 1.34 1.36 1.39 1.40 1.34 1.32 1.35 1.96 1.27 1.33 1.15 1.16 1.00 Min East 1.09 1.11 1.13 1.19 1.20 1.17 1.24 1.90 1.09 1.32 1.15 1.16 1.00 Min West 1.09 1.11 1.13 1.19 1.20 1.17 1.24 1.90 1.09 1.32 1.15 1.16 1.00 Min West 1.49 13.83 12.59 12.33 18.78 2.0.92 2.0.85 21.31 24.10 2.0.27 20.51 22.80 Regulation East 1.4.90 13.83 12.59 12.33 18.78 2.0.92 2.0.85 21.31 24.10 2.0.27 20.51 22.80 Regulation West 1.4.90 13.83 12.59 12.33 18.78 2.0.92 2.0.85 21.31 24.10 2.0.27 20.51 22.80 Regulation West 1.11 1.13 1.35 6.03 0.94 1.56 5.38 4.45 2.12 1.96 1.58 1.70 10 Min Non Synch East 1.11 1.13 1.35 6.03 0.94 1.56 5.38 4.45 2.12 1.96 1.58 1.70 10 Min Non Synch East 1.11 1.13 1.35 6.03 0.94 1.56 5.38 4.45 2.12 1.96 1.58 1.54 1.55 1.24 30 Min West 0.95 0.97 1.01 3.54 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 30 Min West 0.95 0.97 1.01 3.54 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 30 Min West 0.95 0.97 1.01 3.54 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 30 Min West 0.95 0.97													
10 Min Non Synch West 1.53 1.59 2.75 2.02 1.67 1.88 1.11 30 Min East 1.52 1.80 4.34 2.02 1.40 2.03 1.04 30 Min West 1.52 1.80 4.34 2.02 1.40 2.03 1.04 Regulation East 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.21 9.28 10.19 13.52 9.08 5.44 6.41 8.52 10.19 13.19 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1													
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Regulation West   8.21   9.28   10.19   13.52   9.08   5.44   6.41													
ANCILLARY SERVICES Unweighted Price (\$/MWH) 2002    Day Ahead Market   10 Min Spin East   2.09   1.95   2.85   2.29   1.93   1.90   2.51   3.43   2.04   2.43   4.42   8.52   10 Min Spin West   1.85   1.81   2.40   2.11   1.81   1.75   2.16   2.96   1.74   2.26   4.41   8.52   10 Min Non Synch East   1.68   1.58   1.64   1.55   1.52   1.46   1.47   2.09   1.46   1.37   1.15   1.16   10 Min Non Synch West   1.34   1.36   1.39   1.40   1.34   1.32   1.35   1.96   1.27   1.33   1.15   1.16   1.30   1.11   1.13   1.19   1.20   1.17   1.24   1.90   1.09   1.32   1.15   1.16   1.30   1.10   1.11   1.13   1.19   1.20   1.17   1.24   1.90   1.09   1.32   1.15   1.16   1.30   1.30   1.30   1.33   1.259   12.33   18.78   20.92   20.85   21.31   24.10   20.27   20.51   22.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80   20.80	•												
10 Min Spin East 2.09 1.95 2.85 2.29 1.93 1.90 2.51 3.43 2.04 2.43 4.42 8.52 10 Min Spin West 1.85 1.81 2.40 2.11 1.81 1.75 2.16 2.96 1.74 2.26 4.41 8.52 10 Min Non Synch East 1.68 1.58 1.64 1.55 1.52 1.46 1.47 2.09 1.46 1.37 1.15 1.16 10 Min Non Synch West 1.34 1.36 1.39 1.40 1.34 1.32 1.35 1.96 1.27 1.33 1.15 1.16 30 Min East 1.09 1.11 1.13 1.19 1.20 1.17 1.24 1.90 1.09 1.32 1.15 1.16 30 Min West 1.09 1.11 1.13 1.19 1.20 1.17 1.24 1.90 1.09 1.32 1.15 1.16 Regulation East 14.90 13.83 12.59 12.33 18.78 20.92 20.85 21.31 24.10 20.27 20.51 22.80 Regulation West 14.90 13.83 12.59 12.33 18.78 20.92 20.85 21.31 24.10 20.27 20.51 22.80 Regulation Spin East 2.70 1.62 2.51 7.71 1.06 1.53 4.45 3.71 2.25 2.32 3.07 3.81 10 Min Spin West 2.67 1.55 2.34 4.26 1.03 1.43 2.19 2.69 1.88 2.29 3.04 3.66 10 Min Non Synch East 1.11 1.13 1.35 6.03 0.94 1.56 5.38 4.45 2.12 1.96 1.58 1.70 10 Min Non Synch West 0.99 1.05 1.12 3.65 0.91 1.46 2.27 2.94 1.74 1.63 1.58 1.26 30 Min East 0.95 0.97 1.01 3.54 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 Regulation East 1.32 1.12 1.17 1.84 1.12 2.73 3.11 2.85 1.86 3.03 2.25 6.18		nted Price (\$/M	WH) 2002										
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30 Min West 1.09 1.11 1.13 1.19 1.20 1.17 1.24 1.90 1.09 1.32 1.15 1.16 Regulation East 14.90 13.83 12.59 12.33 18.78 20.92 20.85 21.31 24.10 20.27 20.51 22.80 Regulation West 14.90 13.83 12.59 12.33 18.78 20.92 20.85 21.31 24.10 20.27 20.51 22.80 Regulation West 2.70 1.62 2.51 7.71 1.06 1.53 4.45 3.71 2.25 2.32 3.07 3.81 10 Min Spin West 2.67 1.55 2.34 4.26 1.03 1.43 2.19 2.69 1.88 2.29 3.04 3.66 10 Min Non Synch East 1.11 1.13 1.35 6.03 0.94 1.56 5.38 4.45 2.12 1.96 1.58 1.70 10 Min Non Synch West 0.99 1.05 1.12 3.65 0.91 1.46 2.27 2.94 1.74 1.63 1.58 1.26 30 Min East 0.95 0.97 1.01 3.54 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 Regulation East 1.32 1.12 1.17 1.84 1.12 2.73 3.11 2.85 1.86 3.03 2.25 6.18	•												
Regulation East Regulation East Regulation West         14.90         13.83         12.59         12.33         18.78         20.92         20.85         21.31         24.10         20.27         20.51         22.80           BME* Market           10 Min Spin East         2.70         1.62         2.51         7.71         1.06         1.53         4.45         3.71         2.25         2.32         3.07         3.81           10 Min Spin West         2.67         1.55         2.34         4.26         1.03         1.43         2.19         2.69         1.88         2.29         3.04         3.66           10 Min Non Synch East         1.11         1.13         1.35         6.03         0.94         1.56         5.38         4.45         2.12         1.96         1.58         1.70           10 Min Non Synch West         0.99         1.05         1.12         3.65         0.91         1.46         2.27         2.94         1.74         1.63         1.58         1.26           30 Min East         0.95         0.97         1.01         3.54         0.82         1.41         1.28         3.05         1.85         1.54         1.55         1.24           30 Min West </td <td></td>													
Regulation West         14.90         13.83         12.59         12.33         18.78         20.92         20.85         21.31         24.10         20.27         20.51         22.80           BME* Market           10 Min Spin East         2.70         1.62         2.51         7.71         1.06         1.53         4.45         3.71         2.25         2.32         3.07         3.81           10 Min Spin West         2.67         1.55         2.34         4.26         1.03         1.43         2.19         2.69         1.88         2.29         3.04         3.66           10 Min Non Synch East         1.11         1.13         1.35         6.03         0.94         1.56         5.38         4.45         2.12         1.96         1.58         1.70           10 Min Non Synch West         0.99         1.05         1.12         3.65         0.91         1.46         2.27         2.94         1.74         1.63         1.58         1.26           30 Min East         0.95         0.97         1.01         3.54         0.82         1.41         1.28         3.05         1.85         1.54         1.55         1.24           30 Min West         0.95													
10 Min Spin East       2.70       1.62       2.51       7.71       1.06       1.53       4.45       3.71       2.25       2.32       3.07       3.81         10 Min Spin West       2.67       1.55       2.34       4.26       1.03       1.43       2.19       2.69       1.88       2.29       3.04       3.66         10 Min Non Synch East       1.11       1.13       1.35       6.03       0.94       1.56       5.38       4.45       2.12       1.96       1.58       1.70         10 Min Non Synch West       0.99       1.05       1.12       3.65       0.91       1.46       2.27       2.94       1.74       1.63       1.58       1.26         30 Min East       0.95       0.97       1.01       3.54       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         30 Min West       0.95       0.97       1.01       3.51       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         Regulation East       1.32       1.12       1.17       1.84       1.12       2.73       3.11       2.85       1.86       3.03       2.25       6.18 <td>•</td> <td></td>	•												
10 Min Spin East       2.70       1.62       2.51       7.71       1.06       1.53       4.45       3.71       2.25       2.32       3.07       3.81         10 Min Spin West       2.67       1.55       2.34       4.26       1.03       1.43       2.19       2.69       1.88       2.29       3.04       3.66         10 Min Non Synch East       1.11       1.13       1.35       6.03       0.94       1.56       5.38       4.45       2.12       1.96       1.58       1.70         10 Min Non Synch West       0.99       1.05       1.12       3.65       0.91       1.46       2.27       2.94       1.74       1.63       1.58       1.26         30 Min East       0.95       0.97       1.01       3.54       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         30 Min West       0.95       0.97       1.01       3.51       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         Regulation East       1.32       1.12       1.17       1.84       1.12       2.73       3.11       2.85       1.86       3.03       2.25       6.18 <td>DMC* Mouleot</td> <td></td>	DMC* Mouleot												
10 Min Spin West       2.67       1.55       2.34       4.26       1.03       1.43       2.19       2.69       1.88       2.29       3.04       3.66         10 Min Non Synch East       1.11       1.13       1.35       6.03       0.94       1.56       5.38       4.45       2.12       1.96       1.58       1.70         10 Min Non Synch West       0.99       1.05       1.12       3.65       0.91       1.46       2.27       2.94       1.74       1.63       1.58       1.26         30 Min East       0.95       0.97       1.01       3.54       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         30 Min West       0.95       0.97       1.01       3.51       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         Regulation East       1.32       1.12       1.17       1.84       1.12       2.73       3.11       2.85       1.86       3.03       2.25       6.18		0.70	4.00	0.54	7 74	4.00	4.50	4.45	0.74	0.05	0.00	2.07	2.04
10 Min Non Synch East       1.11       1.13       1.35       6.03       0.94       1.56       5.38       4.45       2.12       1.96       1.58       1.70         10 Min Non Synch West       0.99       1.05       1.12       3.65       0.91       1.46       2.27       2.94       1.74       1.63       1.58       1.26         30 Min East       0.95       0.97       1.01       3.54       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         30 Min West       0.95       0.97       1.01       3.51       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         Regulation East       1.32       1.12       1.17       1.84       1.12       2.73       3.11       2.85       1.86       3.03       2.25       6.18													
10 Min Non Synch West       0.99       1.05       1.12       3.65       0.91       1.46       2.27       2.94       1.74       1.63       1.58       1.26         30 Min East       0.95       0.97       1.01       3.54       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         30 Min West       0.95       0.97       1.01       3.51       0.82       1.41       1.28       3.05       1.85       1.54       1.55       1.24         Regulation East       1.32       1.12       1.17       1.84       1.12       2.73       3.11       2.85       1.86       3.03       2.25       6.18	•												
30 Min East 0.95 0.97 1.01 3.54 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 30 Min West 0.95 0.97 1.01 3.51 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 Regulation East 1.32 1.12 1.17 1.84 1.12 2.73 3.11 2.85 1.86 3.03 2.25 6.18													
30 Min West 0.95 0.97 1.01 3.51 0.82 1.41 1.28 3.05 1.85 1.54 1.55 1.24 Regulation East 1.32 1.12 1.17 1.84 1.12 2.73 3.11 2.85 1.86 3.03 2.25 6.18													
Regulation East 1.32 1.12 1.17 1.84 1.12 2.73 3.11 2.85 1.86 3.03 2.25 6.18													
Regulation west 1.32 1.12 1.1/ 1.84 1.12 2.73 3.11 2.85 1.86 3.03 2.25 6.18													
	•			1.1/	1.84	1.12	2.73	3.11	2.85	1.86	3.03	2.25	6.18

<sup>\*</sup> Commonly Referred to as Hour Ahead Market (HAM)

#### NYISO In City Mitigation - 2003 Percentage of committed unit-hours mitigated



## NYISO LBMP ZONES



Market Monitoring Prepared: 8/6/2003 14:30