

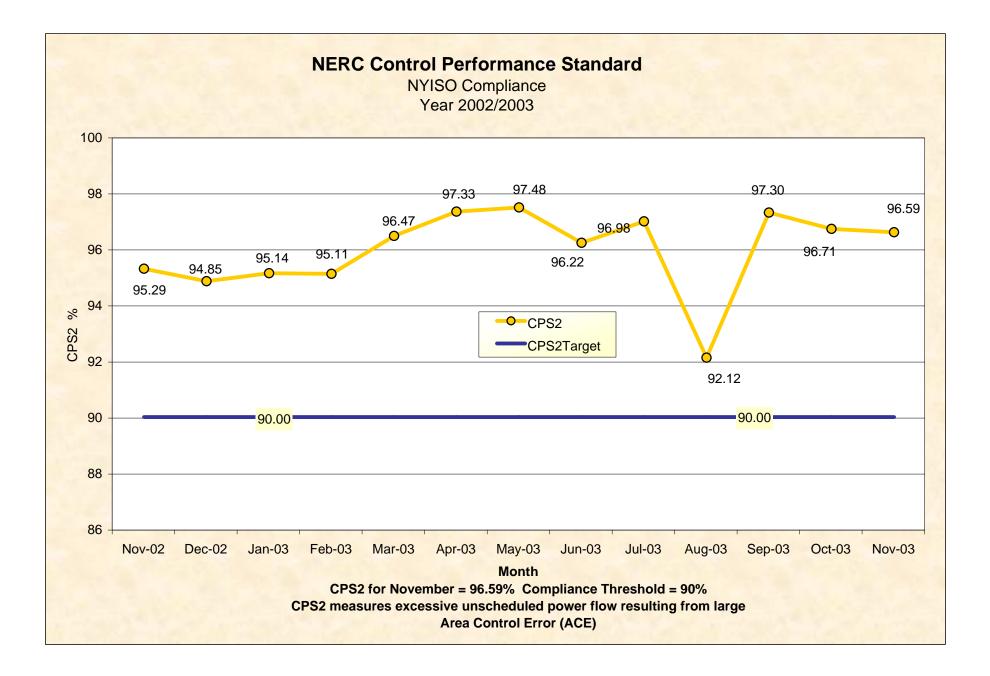
NYISO Market Operations Report

Business Issues Committee Meeting December 3, 2003

Agenda #4

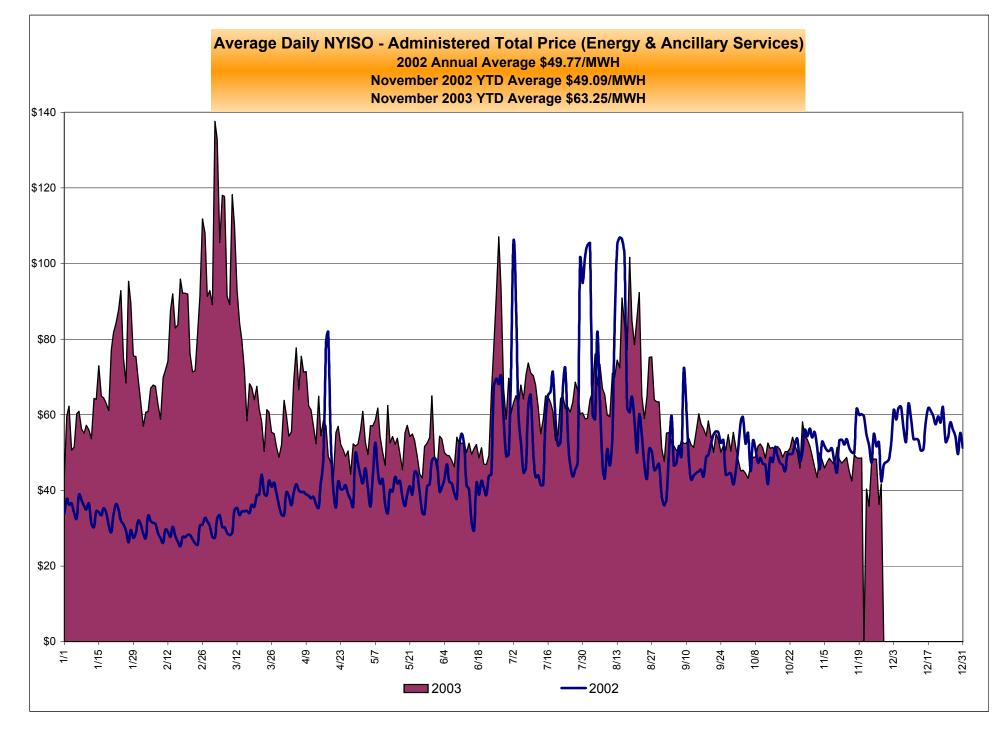
Report Items

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



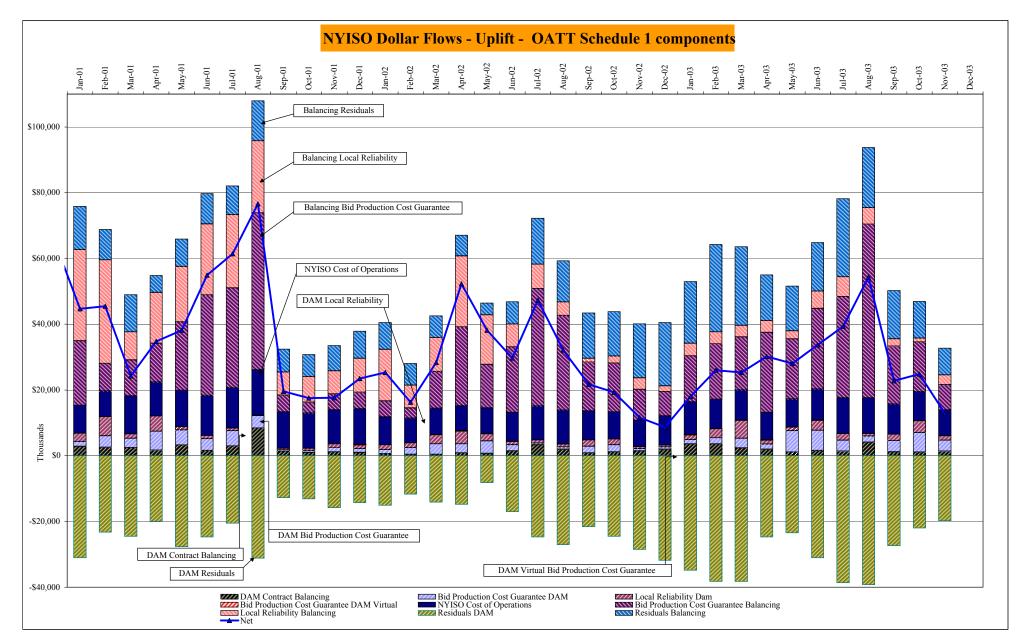
Market Performance Highlights for November, 2003

- Energy prices were moderate in November due to lower load-levels and mild weather.
- > The seasonal drop in uplift costs is noted.
- Price reservations and corrections have dropped compared with October. There were no price reservations in November attributed to TLR activity.



Market Monitoring Prepared: 12/02/2003 13:00

NYISO Administered Total Price (Energy and Ancillary Services) from the LBMP Customer point of view												
2003	Ionuoru	February	March	April	-	June		August	Santambar	October	November	December
LBMP	January	-	78.37	54.27	May	57.37	July	August 68.14	September 50.82	47.02	43.82	December
NTAC	66.40 0.41	76.65 0.35	0.66	0.45	49.76 0.44	0.39	60.11 0.53	0.36	0.24	0.29	43.82 0.51	
Reserve	0.41	0.35	0.00	0.43	0.44	0.39	0.55	0.30	0.24	0.29	0.19	
	0.40	0.33	0.43	0.39	0.47	0.24	0.13	0.22	0.13	0.10	0.19	
Regulation NYISO Cost of Operations	0.20	0.27	0.38	0.51	0.63	0.51	0.19	0.17	0.51	0.49	0.43	
Uplift	0.08	1.08	1.01	1.68	1.48	1.67	1.76	2.44	0.08	1.16	0.08	
	0.32		0.33	0.33	0.34	0.33		0.34		0.34	0.32	
Voltage Support and Black Start		0.33	0.33 81.88			61.00	0.34	0.34 72.36	0.33	0.34 50.08	46.29	
Avg Monthly Price	68.87	79.71	81.88	58.13	53.82	01.00	63.77	/2.30	53.45	30.08	40.29	
Avg YTD Price	68.87	74.05	76.62	72.22	68.82	67.42	66.76	67.65	66.13	64.64	63.25	
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	-		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



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

ransactions by Market 2003	January	February	March	April	May	June	July	ě.	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	15,759,082	13,003,309	12,507,780	11,937,118	
DAM LSE Internal LBMP Energy Sales	46%	48%	46%	49%	46%	48%	55%	57%	49%	48%	47%	
DAM External TC LBMP Energy Sales	1%	1%	1%	1%	2%	2%	1%	0%	1%	2%	2%	
DAM Bilateral - Internal Bilaterals	50%	49%	50%	46%	49%	46%	43%	40%	48%	47%	48%	
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%	
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	2%	2%	2%	1%	1%	1%	1%	1%	
Balancing Energy Market MWH	347,539	285,381	376,222	235,800	278,939	291,519	208,142	-55,913	394,363	338,562	407,295	
Balancing Energy LSE Internal LBMP Energy Sales	58%	35%	52%	72%	48%	39%	53%	-146%	65%	53%	45%	
Balancing Energy External TC LBMP Energy Sales	58%	80%	95%	73%	69%	78%	79%	242%	44%	61%	57%	
Balancing Energy Bilateral - Internal Bilaterals	-6%	-10%	-2%	0%	-5%	5%	-2%	-75%	1%	3%	0%	
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	4%	1%	1%	1%	1%	0%	0%	2%	0%	0%	0%	
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	0%	0%	-38%	0%	0%	0%	0%	-14%	0%	0%	0%	
Balancing Energy Bilateral - Wheel Through Bilaterals	-14%	-7%	-8%	-46%	-14%	-23%	-31%	-109%	-10%	-16%	-2%	
Transactions Summary 2003												
LBMP	49%	50%	49%	52%	49%	52%	56%	58%	51%	52%	51%	
Internal Bilaterals	48%	47%	48%	45%	48%	46%	42%	40%	46%	46%	47%	
Import Bilaterals	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	
Export Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	
Wheels Through	1%	1%	1%	1%	1%	1%	1%	1%	0%	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%	100.4%	97.1%	97.4%	96.7%	
Balancing Energy +	2.4%	2.2%	2.8%	1.9%	2.3%	2.1%	1.3%	-0.4%		2.6%	3.3%	
Total MWH	14,535,291		13,502,785			13,633,350	15,652,999	15,703,169				
Average Daily Energy Sendout/Month GWh	458	450	418	393	382	432	497	498	433	397	402	
Wordge Bany Energy Condearmonal CVIII	100	100	110	000	002	102	107	100	100	001	102	
ransactions 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
DAM LSE Internal LBMP Energy Sales	44%	42%	43%	45%	40%	43%	50%	51%	46%	46%	49%	47%
DAM External TC LBMP Energy Sales	0%	1%	1%	1%	1%	2%	3%	1%	2%	1%	1%	2%
DAM Bilateral - Internal Bilaterals	51%	52%	51%	49%	55%	51%	45%	45%	49%	50%	46%	49%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	1%						0%	0%	00/			19
DAM Dileteral Expert/Nen L DMD Market Dileter-I-	1 70	1%	1%	0%	0%	0%	0%	070	0%	0%	0%	1/
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1% 1%	1% 1%	0% 1%	0% 1%	0% 1%	0% 1%	0% 1%	0% 1%	0% 1%	0% 1%	
DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals												1%
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	1% 3%	1%	1%	1%	1% 2%	1% 2%	1%	1%	19 19
DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWH	1% <u>3%</u> -214,495	1% <u>3%</u> -30,504	1% <u>3%</u> 32,311	1% <u>3%</u> 224,671	1% 2% -98,746	1% 2% -69,632	1% 1% 88,020	1% 2% 79,918	1% 2% 112,928	1% 1% 350,988	1% 1% 339,372	19 <u>19</u> 514,17
DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWH Balancing Energy LSE Internal LBMP Energy Sales	1% <u>3%</u> -214,495 -17%	1% <u>3%</u> -30,504 410%	1% <u>3%</u> 32,311 821%	1% <u>3%</u> 224,671 182%	1% 2% -98,746 -10%	1% 2% -69,632 148%	1% 1% 88,020 311%	1% 2%	1% 2% 112,928 -77%	1% 1%	1% 1% 339,372 52%	19 <u>19</u> 514,17 599
DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWH Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	1% <u>3%</u> -214,495 -17% 5%	1% <u>3%</u> -30,504 410% 39%	1% <u>3%</u> 32,311 821% -36%	1% <u>3%</u> 224,671 182% -15%	1% 2% -98,746 -10% 44%	1% 2% -69,632 148% -95%	1% <u>1%</u> 88,020 311% -165%	1% 2% 79,918 18% 89%	1% <u>2%</u> 112,928 -77% 189%	1% <u>1%</u> 350,988 61% 37%	1% 1% 339,372 52% 44%	19 <u>19</u> 514,179 599 309
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	1% 3% -214,495 -17% 5% 1%	1% 3% -30,504 410% 39% -51%	1% <u>3%</u> 32,311 821% -36% 8%	1% <u>3%</u> 224,671 182% -15% 12%	1% 2% -98,746 -10% 44% 10%	1% 2% -69,632 148% -95% 14%	1% 1% 88,020 311% -165% -19%	1% 2% 79,918 18% 89% 27%	1% 2% 112,928 -77% 189% 17%	1% 1% 350,988 61% 37% -2%	1% 1% 339,372 52% 44% 3%	19 <u>19</u> 514,179 599 309 39
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	1% 3% -214,495 -17% 5% 1% 13%	1% 3% -30,504 410% 39% -51% 27%	1% 3% 32,311 821% -36% 8% 24%	1% 3% 224,671 182% -15% 12% 3%	1% 2% -98,746 -10% 44% 10% 8%	1% 2% -69,632 148% -95% 14% 15%	1% 1% 88,020 311% -165% -19% 24%	1% 2% 79,918 18% 89% 27% 19%	1% 2% 112,928 -77% 189% 17% 14%	1% 1% 350,988 61% 37% -2% 8%	1% 1% 339,372 52% 44% 3% 9%	19 <u>19</u> 514,179 599 309 309 99
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	1% <u>3%</u> -214,495 -17% 5% 1% 13% 0%	1% 3% -30,504 410% 39% -51% 27% 0%	1% 3% 32,311 821% -36% 8% 24% 0%	1% 3% 224,671 182% -15% 12% 3% 0%	1% 2% -98,746 -10% 44% 10% 8% 1%	1% 2% -69,632 148% -95% 14% 15% 2%	1% 1% 88,020 311% -165% -19% 24% 0%	1% 2% 79,918 18% 89% 27% 19% 1%	1% 2% 112,928 -77% 189% 17% 14% 0%	1% 1% 350,988 61% 37% -2% 8% 0%	1% 1% 339,372 52% 44% 3% 9% 0%	19 <u>19</u> 514,17 599 309 39 99
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	1% 3% -214,495 -17% 5% 1% 13%	1% 3% -30,504 410% 39% -51% 27%	1% 3% 32,311 821% -36% 8% 24%	1% 3% 224,671 182% -15% 12% 3%	1% 2% -98,746 -10% 44% 10% 8%	1% 2% -69,632 148% -95% 14% 15%	1% 1% 88,020 311% -165% -19% 24%	1% 2% 79,918 18% 89% 27% 19%	1% 2% 112,928 -77% 189% 17% 14%	1% 1% 350,988 61% 37% -2% 8%	1% 1% 339,372 52% 44% 3% 9%	19 <u>19</u> 514,17 599 309 39 99
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	1% <u>3%</u> -214,495 -17% 5% 1% 13% 0% -103%	1% <u>3%</u> -30,504 410% 39% -51% 27% 0% -524%	1% <u>3%</u> 32,311 821% -36% 8% 24% 0% -717%	1% 3% 224,671 182% -15% 12% 3% 0% -84%	1% 2% -98,746 -10% 44% 10% 8% 1% -154%	1% 2% -69,632 148% -95% 14% 15% 2% -183%	1% 1% 88,020 311% -165% -19% 24% 0% -52%	1% 2% 79,918 18% 89% 27% 19% 1% -55%	1% 2% 112,928 -77% 189% 17% 14% 0% -42%	1% 1% 350,988 61% 37% -2% 8% 0% -4%	1% 1% 339,372 52% 44% 3% 9% 0% -8%	19 <u>19</u> 514,17: 599 309 39 99 09 -29
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	1% 3% -214,495 -17% 5% 1% 13% 0% -103%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46%	1% 3% 224,671 182% -15% 12% 3% 0% -84%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42%	1% 2% -69,632 148% -95% 14% 15% 2% -183%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49%	1% 1% 350,988 61% 37% -2% 8% 0% -4%	1% 1% 339,372 52% 44% 3% 9% 0% -8%	19 19 514,17 599 309 39 99 09 -29 509
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	1% 3% -214,495 -17% 5% 1% 1% 0% -103% 45% 52%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55%	1% 2% -69,632 148% -95% 14% 15% 2% -183%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 48%	1% 1% 339,372 52% 44% 3% 9% 0% -8% 52% 45%	19 19 514,17 599 309 39 99 09 -29 509 479
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 - ImportI/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	1% 3% -214,495 -17% 5% 1% 0% -103% 45% 52% 1%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0%	1% 2% -69,632 148% -95% 14% 15% 2% -183% 46% 51% 0%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45% 0%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45% 0%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 48% 48% 1%	1% 1% 339,372 52% 44% 3% 9% 0% -8% 52% 45% 1%	19 19 514,17 599 309 39 99 -29 509 479 19
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 - Import/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	1% 3% -214,495 -17% 5% 1% -10% -103% 45% 52% 1% 1%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1% 1%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0% 1%	1% 2% -69,632 148% -95% 14% 15% 2% -183% 46% 51% 0% 1%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45% 0% 1%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45% 0% 1%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0% 0% 1%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 48% 48% 1%	1% 1% 339,372 52% 44% 3% 9% 0% 0% -8% 52% 45% 1% 1%	19 19 514,17 599 309 39 99 -29 -29 509 479 19
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 Export Bilaterals Export Bilaterals Wheels Through	1% 3% -214,495 -17% 5% 1% 0% -103% 45% 52% 1%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0%	1% 2% -69,632 148% -95% 14% 15% 2% -183% 46% 51% 0%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45% 0%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45% 0%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 48% 48% 1%	1% 1% 339,372 52% 44% 3% 9% 0% -8% 52% 45% 1%	19 19 514,17 599 309 39 99 -29 -29 509 479 19
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 - Import/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary 2002 LBMP Internal Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load 2002	1% 3% -214,495 -17% 5% 1% -103% -103% 45% 52% 1% 1% 1%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1% 1% 2%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1% 1%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0% 1%	1% 2% -69,632 148% -95% 14% 15% 2% -183% 46% 51% 0% 1% 2%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45% 0% 1%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45% 0% 1% 1%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0% 0% 1%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1%	1% 1% 1% 339,372 52% 44% 3% 9% 0% -8% 52% 45% 1% 1% 1%	19 19 514,17 599 309 399 09 -29 509 479 19 19 19
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 Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load 2002 Day Ahead Market	1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1% 1%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1% 1% 2% 2%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1% 1% 1% 1% 99.7%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1% 1% 98.1%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0% 1% 1% 1%	1% 2% -69,632 148% -95% 14% 15% 2% -183% 46% 51% 0% 1% 2% 100.5%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45% 0% 1% 1% 99.5%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45% 0% 1% 1% 1%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0% 1% 1% 99.2%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1% 1% 97.3%	1% 1% 1% 339,372 52% 44% 3% 9% 0% -8% 52% 45% 1% 1% 1% 1% 97.4%	19 19 514,175 599 309 399 09 09 -29 509 479 19 19 19
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 Wheels Through Market Share of Total Load 2002 Day Ahead Market Balancing Energy +	1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1% 1% 101.6% -1.6%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1% 1% 2%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1% 1% 1% 1% 99.7% 0.3%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1% 1% 98.1% 1.9%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0% 1% 1% 1% 100.8% -0.8%	1% 2% -69,632 148% -95% 14% 15% 2% -183% 46% 51% 0% 1% 2% 100.5% • -0.5%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45% 0% 1% 1% 1% 99.5% 0.5%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45% 0% 1% 1% 1% 99.5% 0.5%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0% 1% 1% 99.2% 0.8%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1% 1% 1% 2.7%	1% 1% 1% 339,372 52% 44% 3% 9% 0% -8% 52% 45% 1% 1% 1% 1% 97.4% 2.6%	19 19 514,17 599 309 399 09 09 -29 509 479 19 19 19 19 296,49 3,69
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 Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load 2002 Day Ahead Market	1% 3% -214,495 -17% 5% 1% 13% 0% -103% 45% 52% 1% 1% 1% 101.6% -1.6%	1% 3% -30,504 410% 39% -51% 27% 0% -524% 44% 52% 1% 1% 2% 2%	1% 38 32,311 821% -36% 8% 24% 0% -717% 46% 51% 1% 1% 1% 1% 99.7% 0.3%	1% 3% 224,671 182% -15% 12% 3% 0% -84% 48% 49% 0% 1% 1% 98.1%	1% 2% -98,746 -10% 44% 10% 8% 1% -154% 42% 55% 0% 1% 1% 1% 100.8% -0.8%	1% 2% -69,632 148% -95% 14% 15% 2% -183% 46% 51% 0% 1% 2% 100.5%	1% 1% 88,020 311% -165% -19% 24% 0% -52% 53% 45% 0% 1% 1% 1% 99.5% 0.5%	1% 2% 79,918 18% 89% 27% 19% 1% -55% 52% 45% 0% 1% 1% 1% 99.5% 0.5%	1% 2% 112,928 -77% 189% 17% 14% 0% -42% 49% 48% 0% 1% 1% 99.2% 0.8%	1% 1% 350,988 61% 37% -2% 8% 0% -4% 49% 48% 1% 1% 1% 97.3%	1% 1% 1% 339,372 52% 44% 3% 9% 0% -8% 52% 45% 1% 1% 1% 1% 97.4% 2.6%	17 19 19 514,17 59% 30% 3% 9% 0% -2% 50% 47% 1% 1% 1% 1% 14,094,39% 44(

+ Balancing Energy: Load(MW) purchased at Real Time LBMP.

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

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

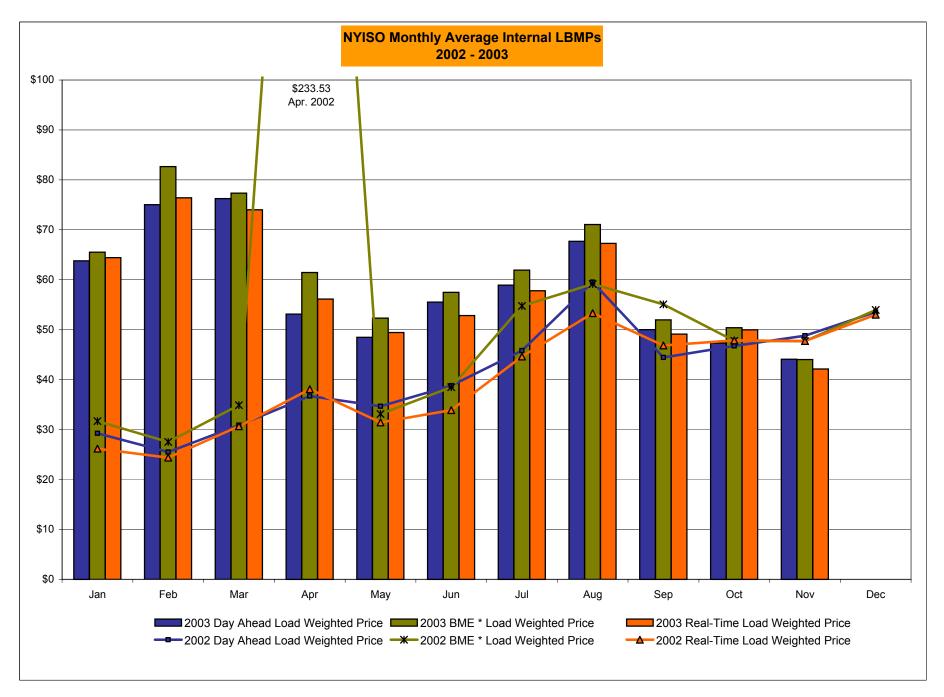
Virtual Transactions are not reflected in this chart.

NYISO Markets 2003 Energy Statistics

	January	February	March	April	May	June	July	August	September	October	November	December
DAY AHEAD LBMP												
Unweighted Price	\$61.33	\$72.81	\$73.18	\$51.58	\$46.43	\$51.45	\$57.10	\$64.94	\$48.29	\$45.81	\$42.42	
Standard Deviation	\$20.09	\$21.12	\$29.70	\$12.47	\$14.03	\$21.27	\$11.88	\$18.06	\$11.04	\$10.91	\$12.16	
Load Wtg.Price	\$63.81	\$75.03	\$76.25	\$53.14	\$48.47	\$55.52	\$58.93	\$67.71	\$50.02	\$47.34	\$44.08	
BME * LBMP												
Unweighted Price	\$63.19	\$80.25	\$74.27	\$59.22	\$50.27	\$53.84	\$59.99	\$67.63	\$50.34	\$48.74	\$41.94	
Standard Deviation	\$25.43	\$41.53	\$32.77	\$25.00	\$16.37	\$22.27	\$14.82	\$72.20	\$14.01	\$15.35	\$19.14	
Load Wtg.Price	\$65.54	\$82.65	\$77.33	\$61.45	\$52.31	\$57.49	\$61.94	\$71.07	\$51.96	\$50.39	\$44.03	
REAL TIME LBMP												
Unweighted Price	\$61.53	\$74.03	\$70.54	\$53.94	\$46.74	\$48.96	\$55.94	\$64.32	\$47.24	\$48.57	\$39.86	
Standard Deviation	\$30.16	\$37.46	\$37.97	\$28.70	\$23.03	\$21.57	\$13.68	\$34.91	\$15.52	\$25.74	\$23.19	
Load Wtg.Price	\$64.43	\$76.41	\$74.02	\$56.14	\$49.44	\$52.82	\$57.79	\$67.27	\$49.12	\$49.98	\$42.14	
Average Daily Energy Sendout/Month GWh	458	450	418	393	382	432	497	498	433	397	402	

NYISO Markets 2002 Energy Statistics

	January	February	March	April	Мау	June	July	August	September	October	November	December
DAY AHEAD LBMP												
Unweighted Price	\$28.39	\$24.93	\$30.07	\$35.25	\$33.36	\$38.96	\$51.07	\$54.86	\$42.58	\$45.16	\$47.30	\$52.01
Standard Deviation	\$7.26	\$4.61	\$7.28	\$11.57	\$8.76	\$15.32	\$23.15	\$29.88	\$11.72	\$11.61	\$11.72	\$12.28
Load Wtg.Price	\$29.25	\$25.50	\$30.88	\$36.72	\$34.66	\$38.81	\$45.81	\$59.54	\$44.43	\$46.76	\$48.79	\$53.54
BME * LBMP												
Unweighted Price	\$30.66	\$26.84	\$33.53	\$191.03	\$31.43	\$38.57	\$63.19	\$55.27	\$51.96	\$45.90	\$46.53	\$52.44
Standard Deviation	\$11.22	\$7.60	\$13.84	\$1,020.88	\$13.91	\$54.74	\$181.17	\$29.34	\$147.55	\$12.10	\$11.07	\$14.74
Load Wtg.Price	\$31.67	\$27.54	\$34.88	\$233.53	\$33.12	\$38.49	\$54.76	\$59.15	\$55.08	\$47.76	\$47.70	\$53.95
REAL TIME LBMP												
Unweighted Price	\$25.36	\$23.73	\$29.78	\$35.44	\$29.80	\$33.98	\$53.70	\$49.74	\$44.08	\$46.16	\$46.13	\$51.04
Standard Deviation	\$8.27	\$8.83	\$10.97	\$25.85	\$13.32	\$16.92	\$66.25	\$24.86	\$34.24	\$17.61	\$18.25	\$22.41
Load Wtg.Price	\$26.17	\$24.39	\$30.67	\$38.10	\$31.42	\$33.91	\$44.63	\$53.32	\$46.85	\$47.88	\$47.75	\$53.01
Average Daily Energy Sendout/Month GWh	427	418	403	397	388	449	513	511	444	412	413	440



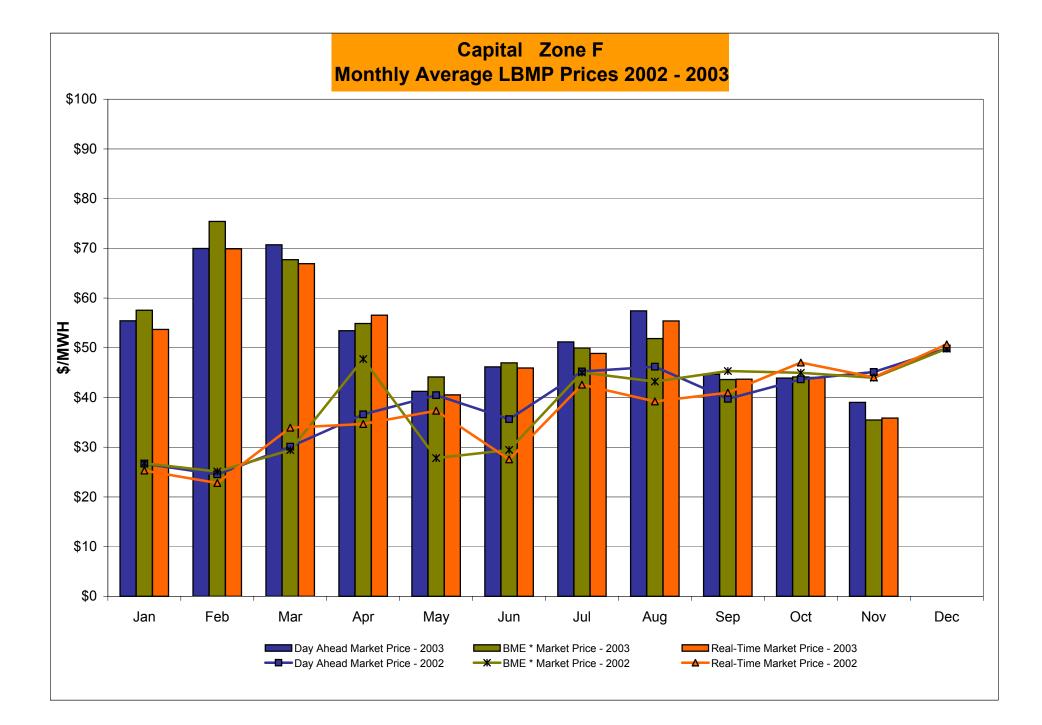
* Commonly referred to as Hour Ahead Market (HAM)

November 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	33.67	35.67	36.35	35.66	36.81	39.02	38.89	38.78	39.45	48.77	45.47
Standard Deviation	9.29	9.89	9.92	10.03	10.29	11.14	11.06	11.22	11.58	16.09	12.48
BME * LBMP											
Unweighted Price	30.16	31.64	34.16	33.34	34.44	35.45	36.08	35.96	36.46	49.63	51.65
Standard Deviation	13.84	14.63	15.24	15.37	15.75	16.13	16.51	16.47	16.71	28.45	26.54
REAL TIME LBMP											
Unweighted Price	31.28	33.88	33.91	33.16	34.43	35.84	34.85	35.18	35.74	44.99	43.27
Standard Deviation	19.45	20.96	20.84	20.54	21.19	22.05	21.56	21.79	22.15	28.04	24.62

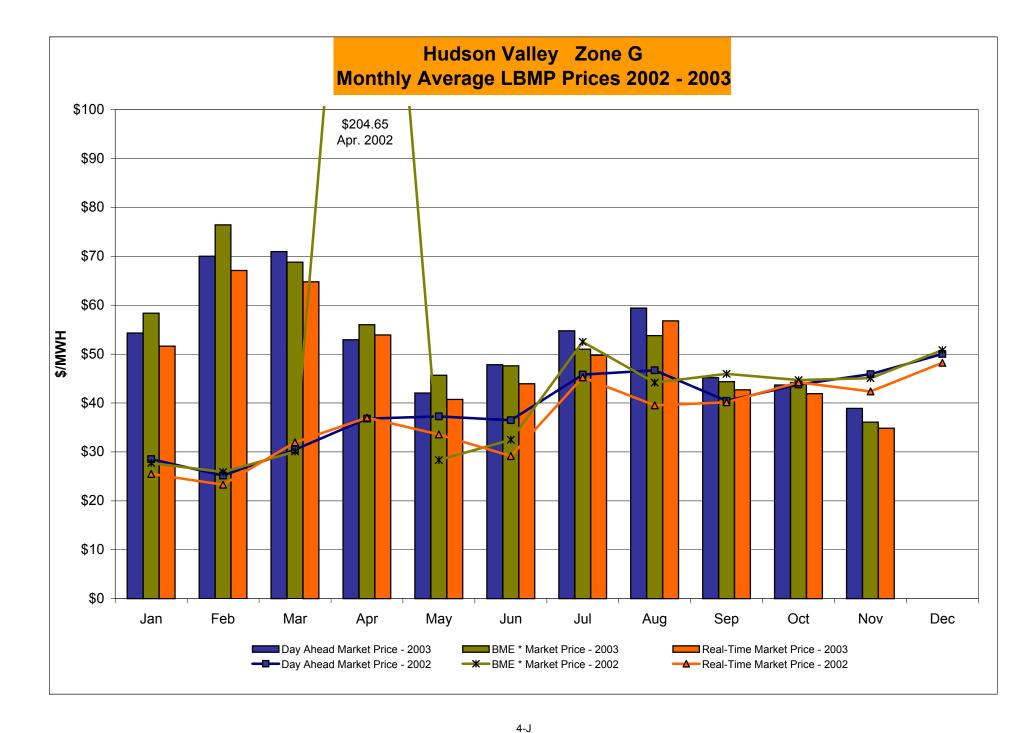
	ONTARIO HYDRO	HYDRO QUEBEC	РЈМ	NEW ENGLAND
	Zone O	Zone M	Zone P	Zone N
DAY AHEAD LBMP				
Unweighted Price	33.24	36.32	33.11	39.09
Standard Deviation	8.94	10.21	10.92	11.13
BME * LBMP Unweighted Price Standard Deviation	29.56 12.04	34.03 13.95	31.21 13.85	36.35 14.22
REAL TIME LBMP Unweighted Price Standard Deviation	31.48 19.66	34.22 21.13	31.72 20.27	36.26 21.54

West Zone A Monthly Average LBMP Prices 2002 - 2003 \$100 \$90 \$80 \$70 \$60 \$/MWH \$50 \$40 \$30 宻 ж \$20 \$10 \$0 Jan Jul Sep Oct Feb Mar Apr May Jun Aug Nov Dec Day Ahead Market Price - 2003 Real-Time Market Price - 2003 BME * Market Price - 2003 -Day Ahead Market Price - 2002 Real-Time Market Price - 2002

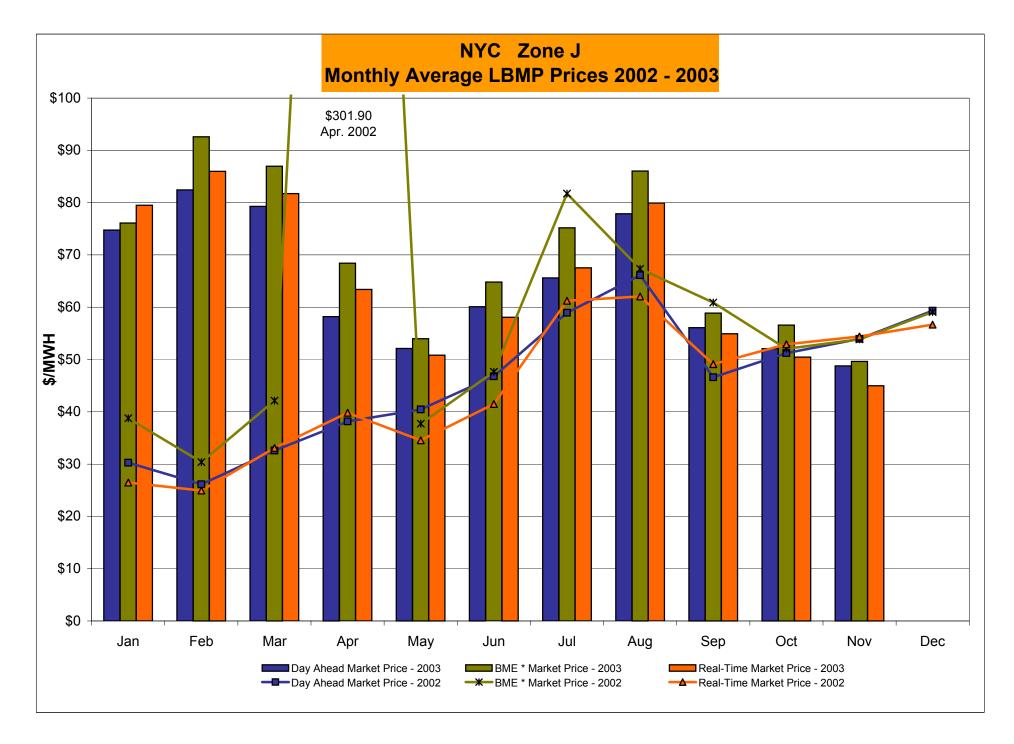


* Commonly referred to as Hour Ahead Market (HAM)

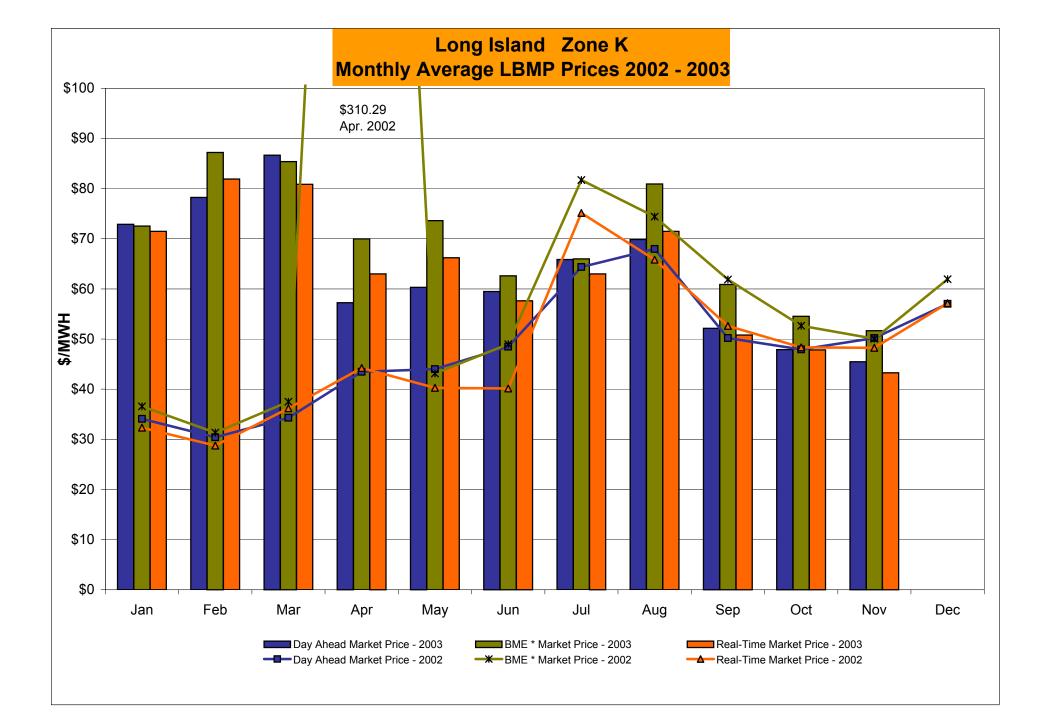
4-I



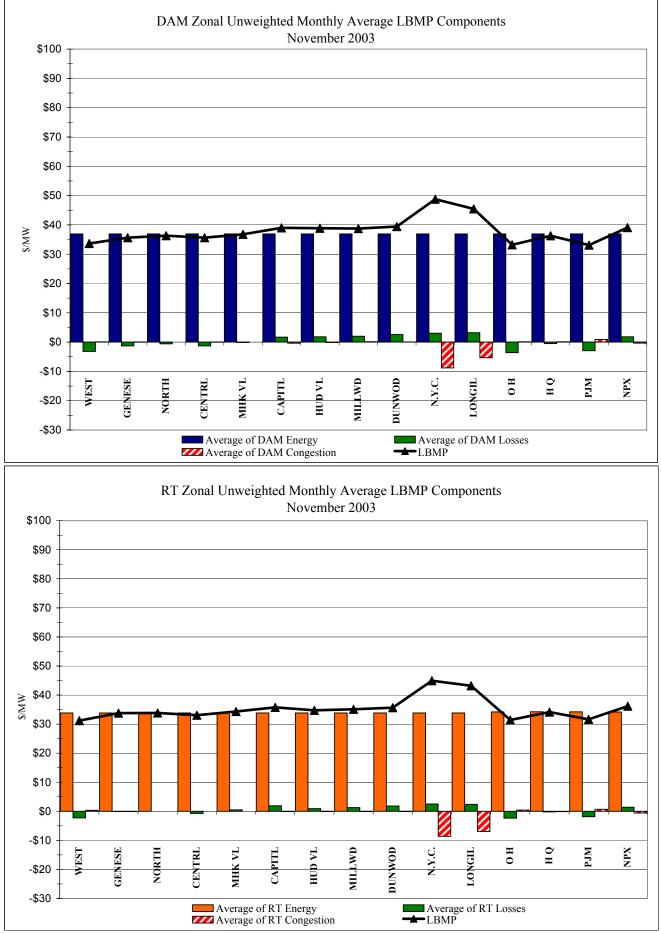
Market Monitoring Prepared: 12/02/2003 8:00



* Commonly referred to as Hour Ahead Market (HAM)



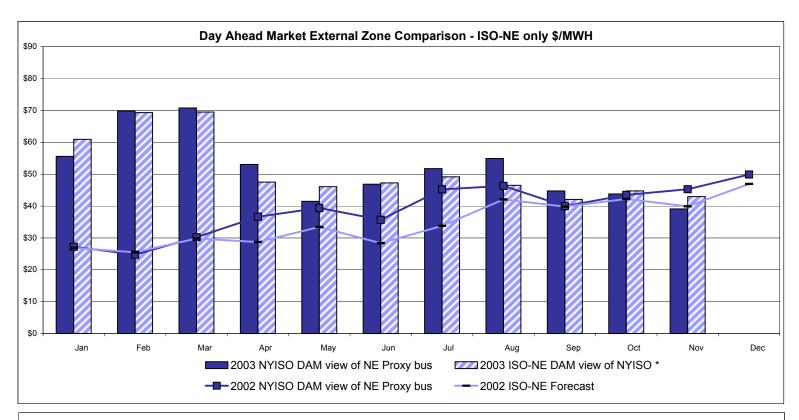
* Commonly referred to as Hour Ahead Market (HAM)

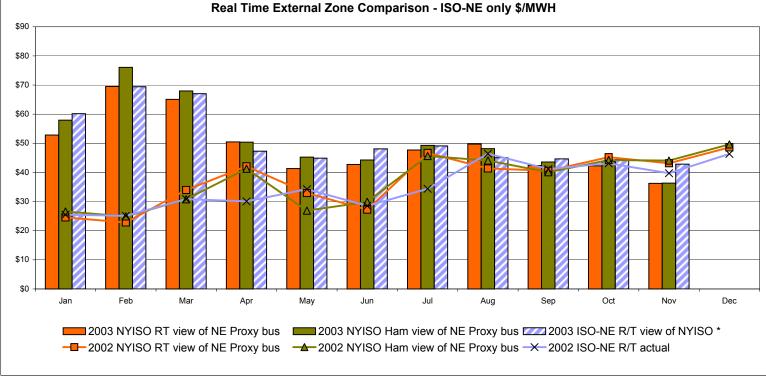


4-M

Market Monitoring Prepared: 12/02/2003 8:00

External Comparison ISO-NE



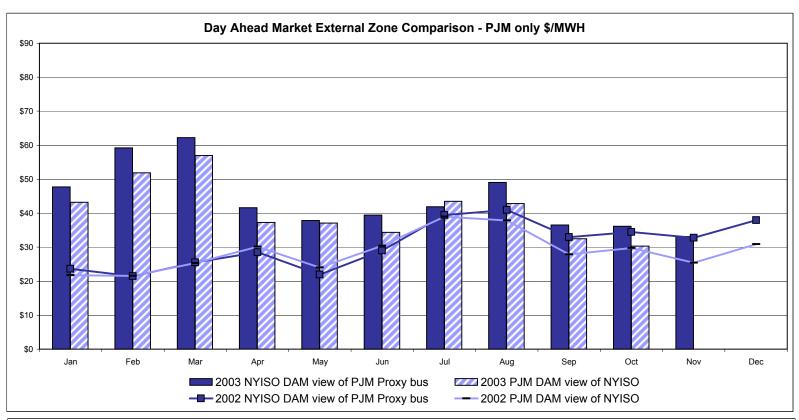


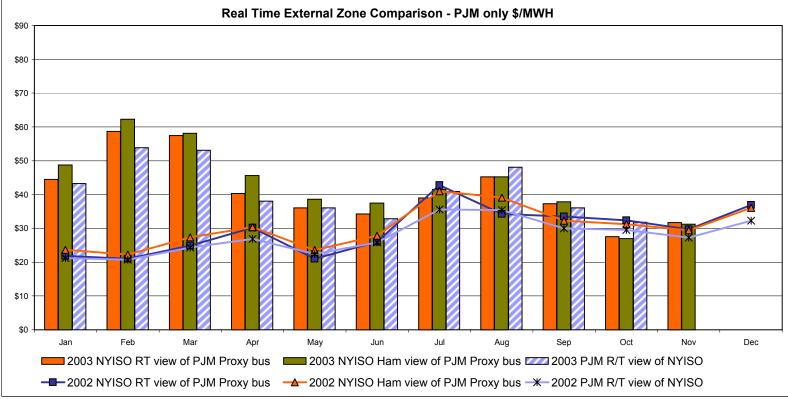
Note:

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

* 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

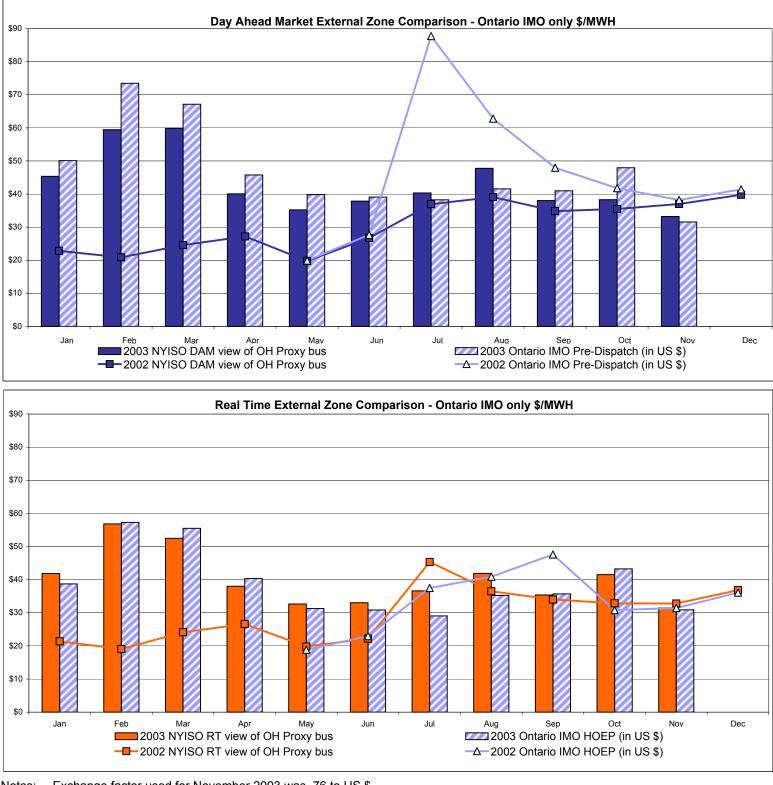




Note:

After 5/1/02 PJM lists only one interface as NYIS November 2003 data not yet posted by PJM

External Comparison Ontario IMO



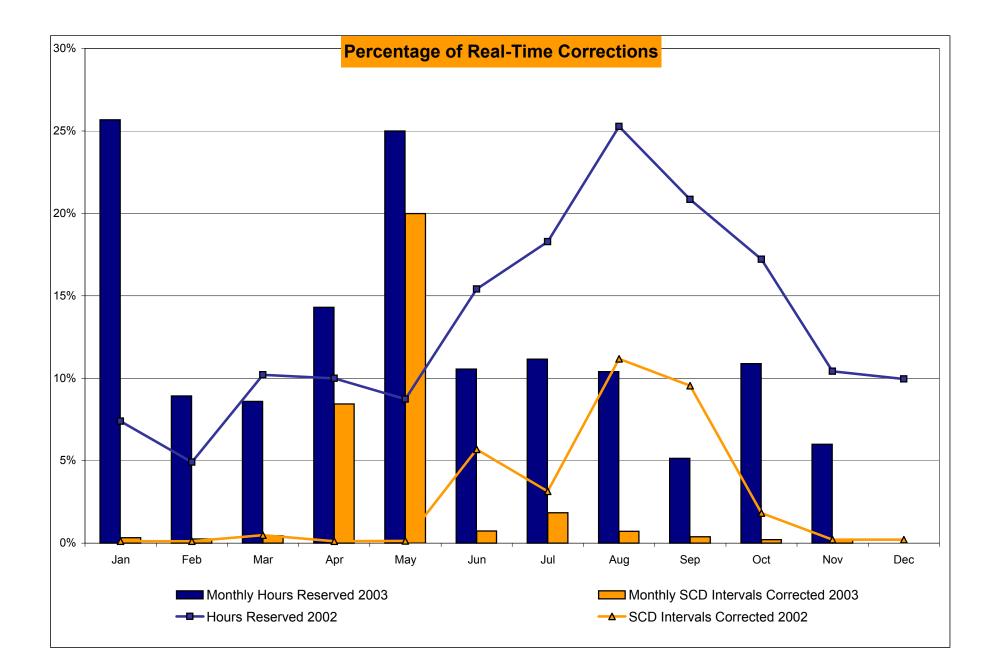
Notes: Exchange factor used for November 2003 was .76 to US \$ HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price Pre-Dispatch data from 8/14/03 Hr 15 thru 8/21/03 not included

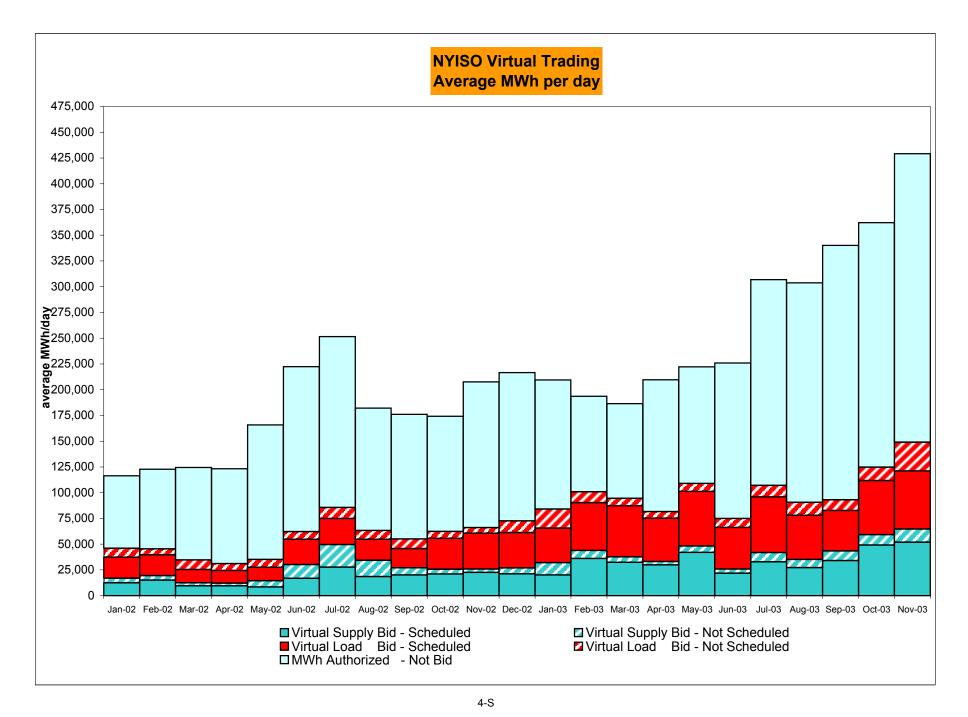
NYISO Price Correction Statistics

NYISO Price Corrections 2003

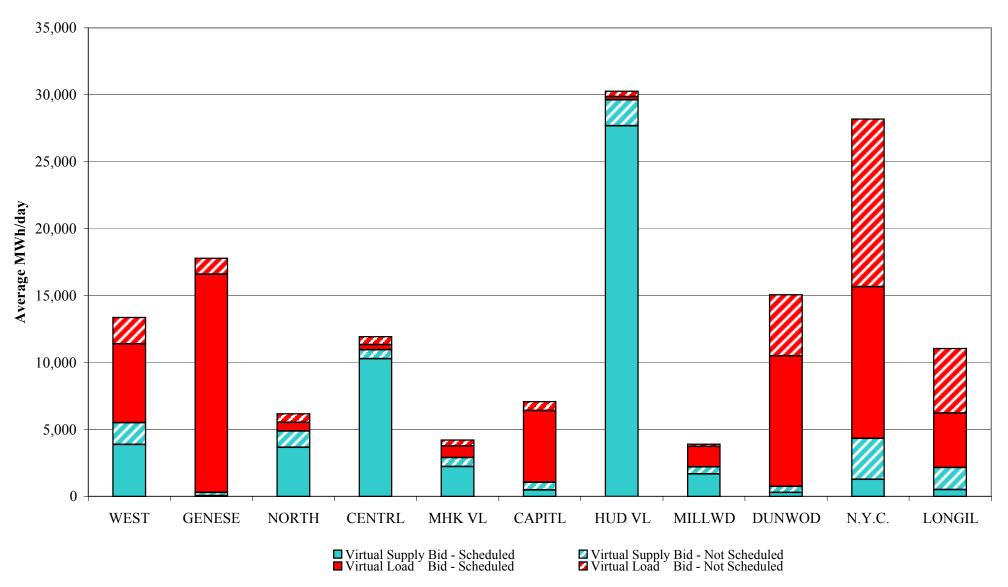
Interval Corrections	January	February	March	April	May	June	July	August	September	October	November	December
Number of Intervals corrected in the month	36	25	49	891	2,254	79	202	71	41	25	20	
Number of Intervals in the month	10,986	10,197	10,918	10,554	11,274	10,729	10,998	9,973	10,620	11,248	8,809	
Percentage of intervals corrected in the month	0.32%	0.25%	0.45%	8.44%	19.99%	0.74%	1.84%	0.71%	0.39%	0.22%	0.23%	
Number of Intervals corrected Year-to-date	36	61	110	1.001	3.255	3.334	3.536	3.607	3.648	3.673	3.693	
Number of Intervals Year-to-date	10,986	21,183	32,101	42,655	53,929	64,658	75,656	85,629	96,249	107,497	116,306	
Percentage of intervals corrected Year-to-date	0.32%	0.28%	0.34%	2.35%	6.04%	5.16%	4.67%	4.21%	3.79%	3.42%	3.18%	
Hours Reserved												
Number of hours reserved in the month	191	60	64	103	186	76	83	69	37	81	36	
Number of hours in the month	744	672	744	720	744	70	744	664 ⁴		744	600	
Percentage of hours reserved in the month	25.67%	8.93%	8.60%	14.31%	25.00%	10.56%	11.16%	10.39%	5.14%	10.89%	6.00%	
reitentage of hours reserved in the month	25.07 /0	0.9370	0.00 /0	14.5176	25.00 /0	10.50 %	11.1070	10.39%	5.1470	10.09%	0.00 %	
Number of hours reserved Year-to-date	191	251	315	418	604	680	763	832	869	950	986	
Number of hours Year-to-date	744	1,416	2,160	2,880	3,624	4,344	5,088	5,752	6,472	7,216	7,816	
Percentage of hours reserved Year-to-date	25.67%	15.74%	14.58%	14.51%	16.67%	15.65%	15.00%	14.46%	13.43%	13.17%	12.62%	
Days Without Corrections												
Days without price corrections in the month	17	15	14	9	8	8	7	5	9	17	13	
Days without price corrections Year-to-date	17	32	46	55	63	71	78	83	92	109	122	
		02	10	00	00		10	00	02	100		
NYISO Price Corrections 2002												
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%
C C												
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%
Dava Without Connections												
Days Without Corrections	05	00	07	00	00	40		-	40	4 -	40	47
Days without price corrections in the month	25 25	20 45	27 72	23 95	20 115	12 127	11 138	5 143	10 153	15 168	19 187	17 204
Days without price corrections Year-to-date	25	40	12	90	115	127	138	143	103	801	187	204

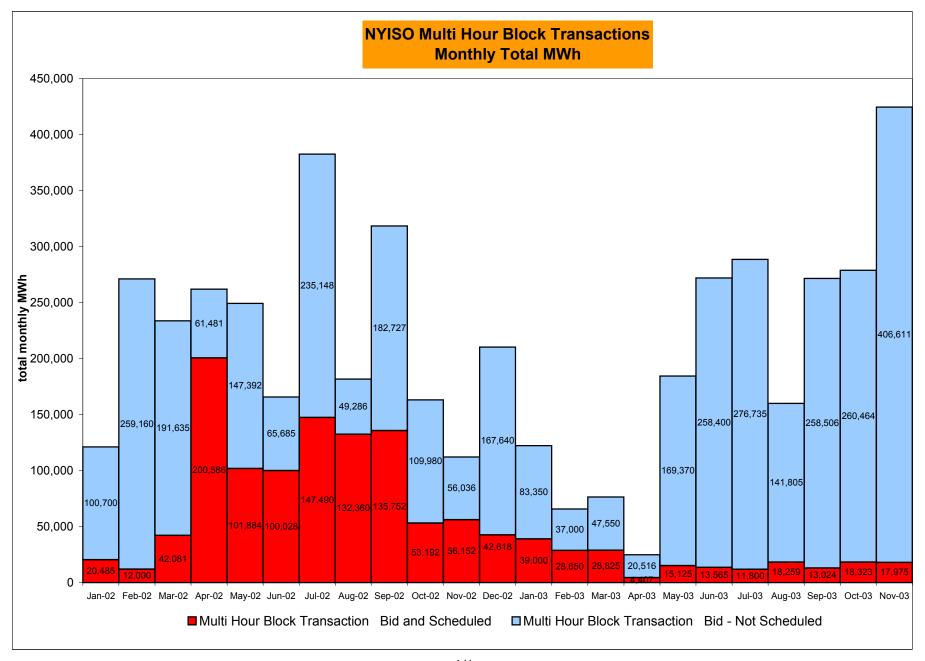
* 80 hours not included due to suspended market during system disruption



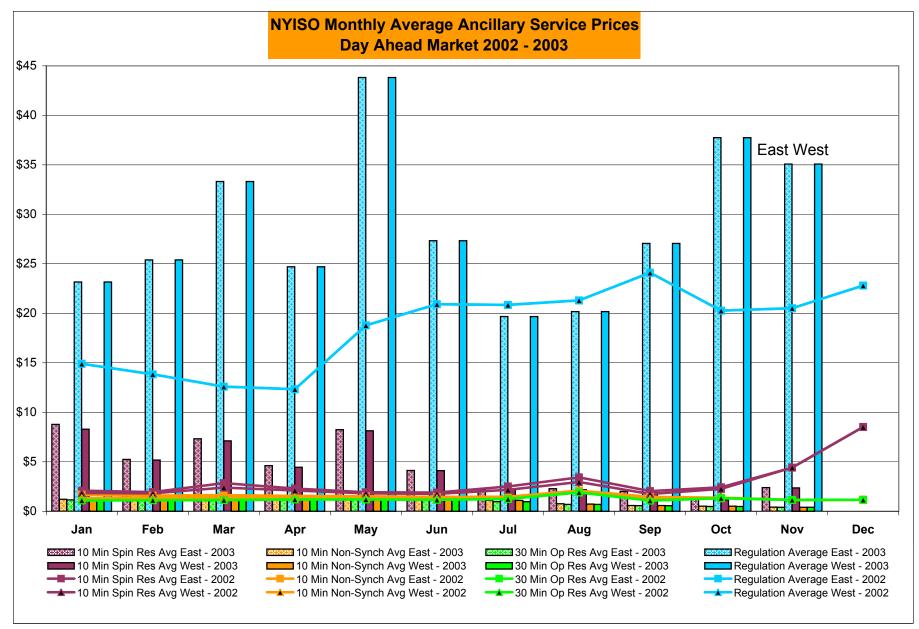


Virtual Load and Supply Zonal Statistics November 2003

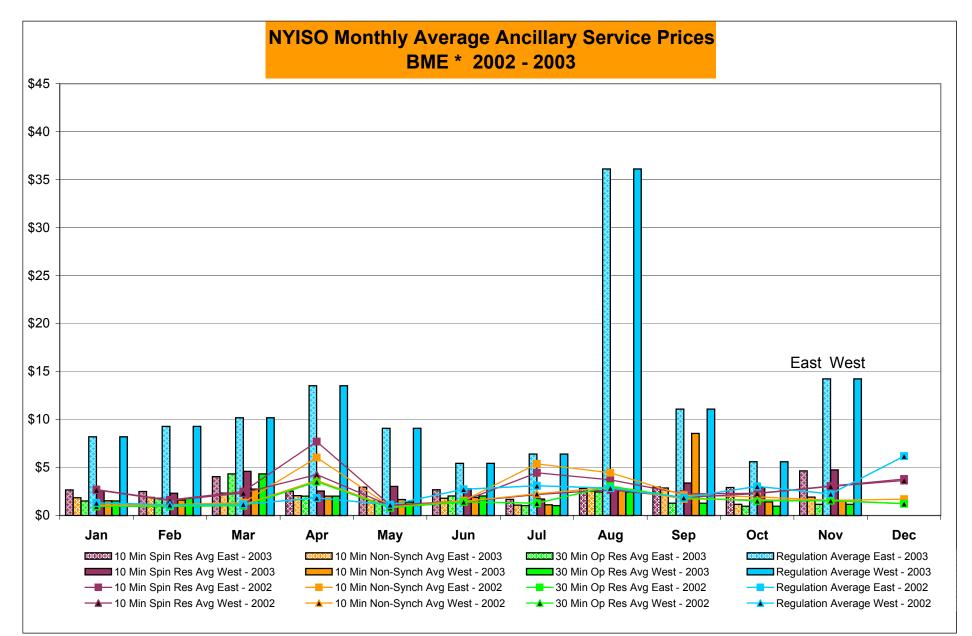




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Market Monitoring Prepared 12/02/2003 10:30



* Commonly referred to as Hour Ahead Market (HAM)

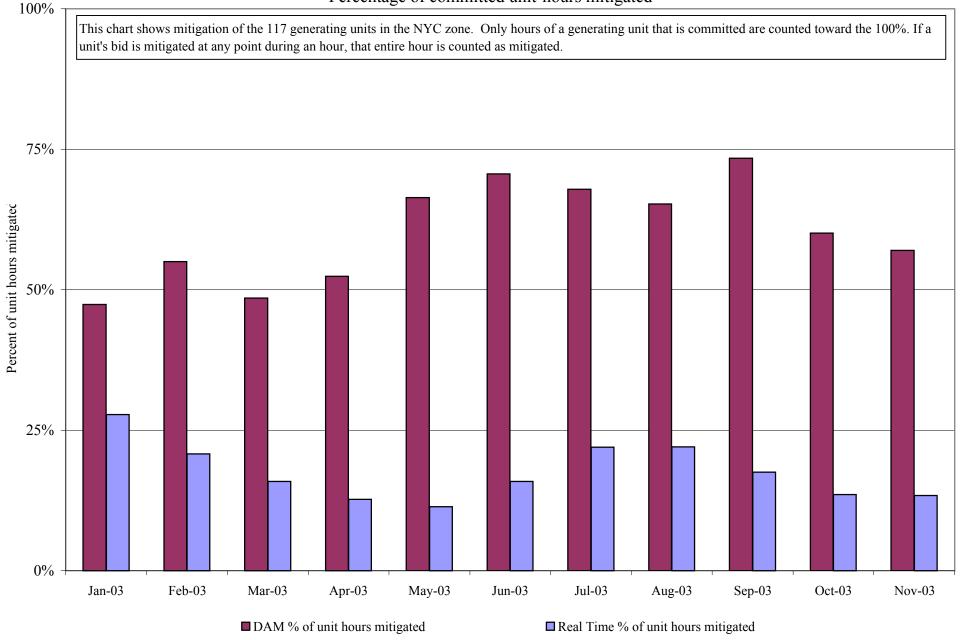
NYISO Markets Ancillary Services Statistics

	January	February	March	April	May	June	July	August	September	October	November	December
ANCILLARY SERVICES Unweight	ed Price (\$/M	<u>WH) 2003</u>										
Day Ahead Market												
10 Min Spin East	8.78	5.24	7.33	4.60	8.24	4.12	2.18	2.28	2.01	1.17	2.39	
10 Min Spin West	8.30	5.17	7.12	4.45	8.12	4.11	2.18	2.18	2.00	1.17	2.37	
10 Min Non Synch East	1.22	1.36	1.60	1.61	1.48	1.40	1.09	0.76	0.58	0.52	0.41	
10 Min Non Synch West	1.15	1.32	1.45	1.54	1.45	1.39	1.09	0.72	0.58	0.52	0.40	
30 Min East	1.14	1.30	1.41	1.48	1.42	1.35	0.97	0.69	0.56	0.48	0.40	
30 Min West	1.14	1.30	1.41	1.48	1.42	1.35	0.97	0.69	0.56	0.48	0.40	
Regulation East	23.17	25.39	33.31	24.70	43.82	27.33	19.67	20.17	27.06	37.74	35.07	
Regulation West	23.17	25.39	33.31	24.70	43.82	27.33	19.67	20.17	27.06	37.74	35.07	
BME* Market												
10 Min Spin East	2.67	2.50	4.05	2.54	2.95	2.69	1.69	2.82	2.96	2.92	4.65	
10 Min Spin West	2.59	2.32	4.61	2.55	3.04	2.78	1.72	2.91	3.38	2.94	4.76	
10 Min Non Synch East	1.85	1.89	2.34	2.07	1.57	1.80	1.09	2.53	2.87	1.17	1.92	
10 Min Non Synch West	1.53	1.59	2.75	2.02	1.67	1.88	1.11	2.58	8.55	1.41	1.57	
30 Min East	1.52	1.80	4.34	2.02	1.40	2.03	1.04	2.46	1.28	0.97	1.17	
30 Min West	1.52	1.80	4.34	2.02	1.40	2.03	1.04	2.46	1.28	0.97	1.17	
Regulation East	8.21	9.28	10.19	13.52	9.08	5.44	6.41	36.11	11.09	5.60	14.24	
Regulation West	8.21	9.28	10.19	13.52	9.08	5.44	6.41	36.11	11.09	5.60	14.24	
	od Drice (¢/M	M(L) 2002										
ANCILLARY SERVICES Unweight		<u>vvn) 2002</u>										
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
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
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	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 West	1.32	1.12	1.17	1.84	1.12	2.73	3.11	2.85	1.86	3.03	2.25	6.18

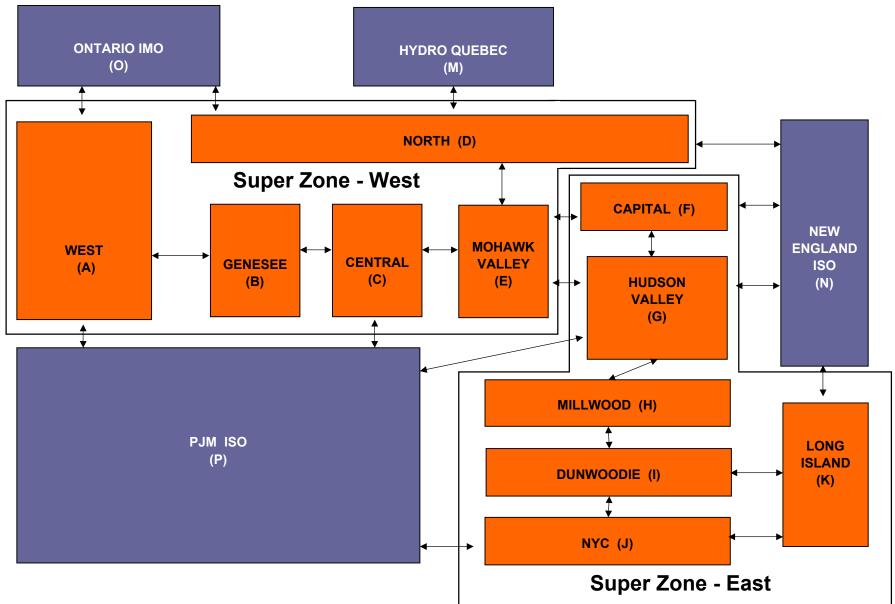
* Commonly Referred to as Hour Ahead Market (HAM)

Market Monitoring Prepared 12/02/2003 10:30

NYISO In City Mitigation (NYC Zone) - 2003 Percentage of committed unit-hours mitigated



NYISO LBMP ZONES



Market Monitoring Prepared: 11/21/2003 8:00