



Monthly Report

February 2004

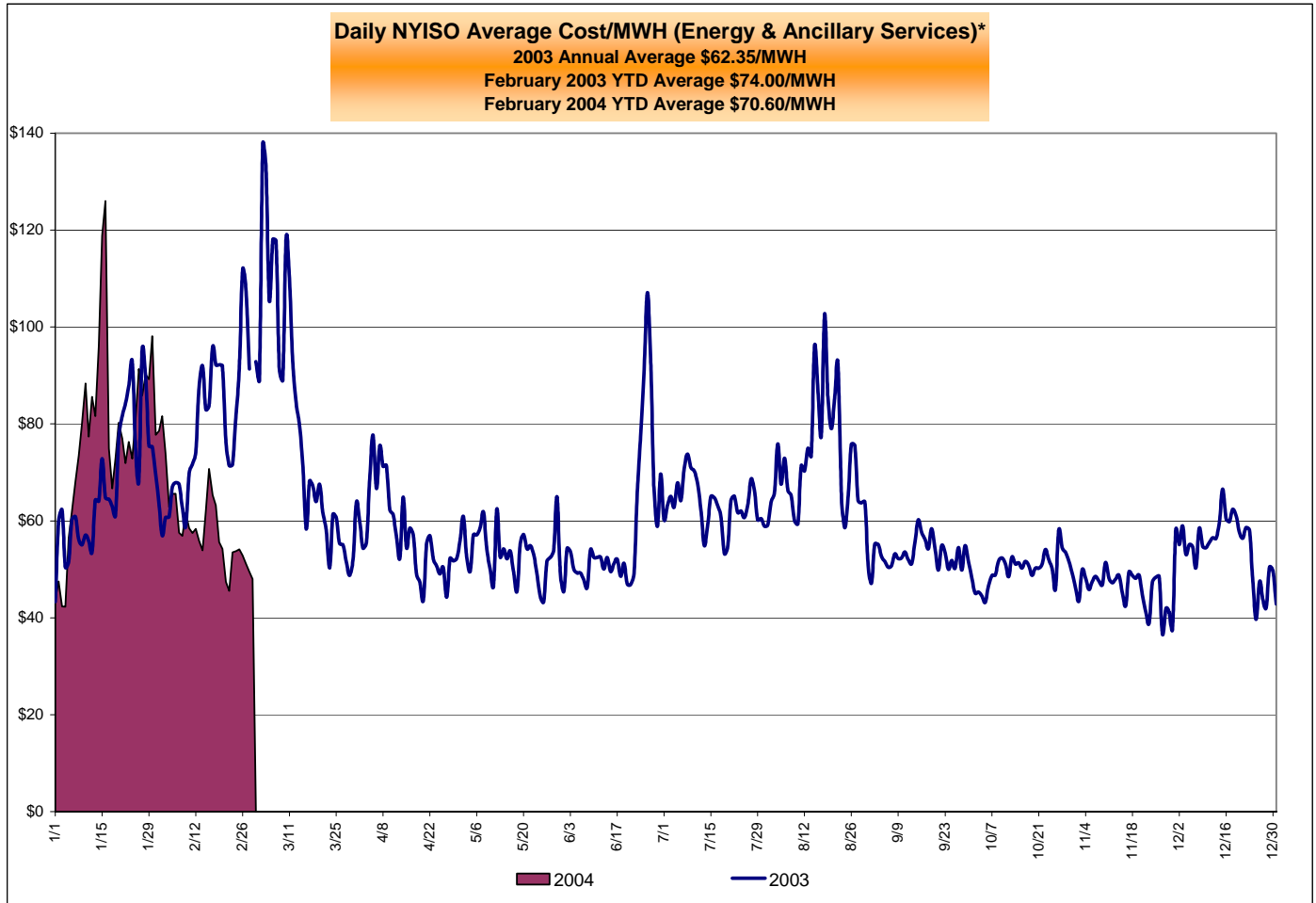
Frank Frankowski

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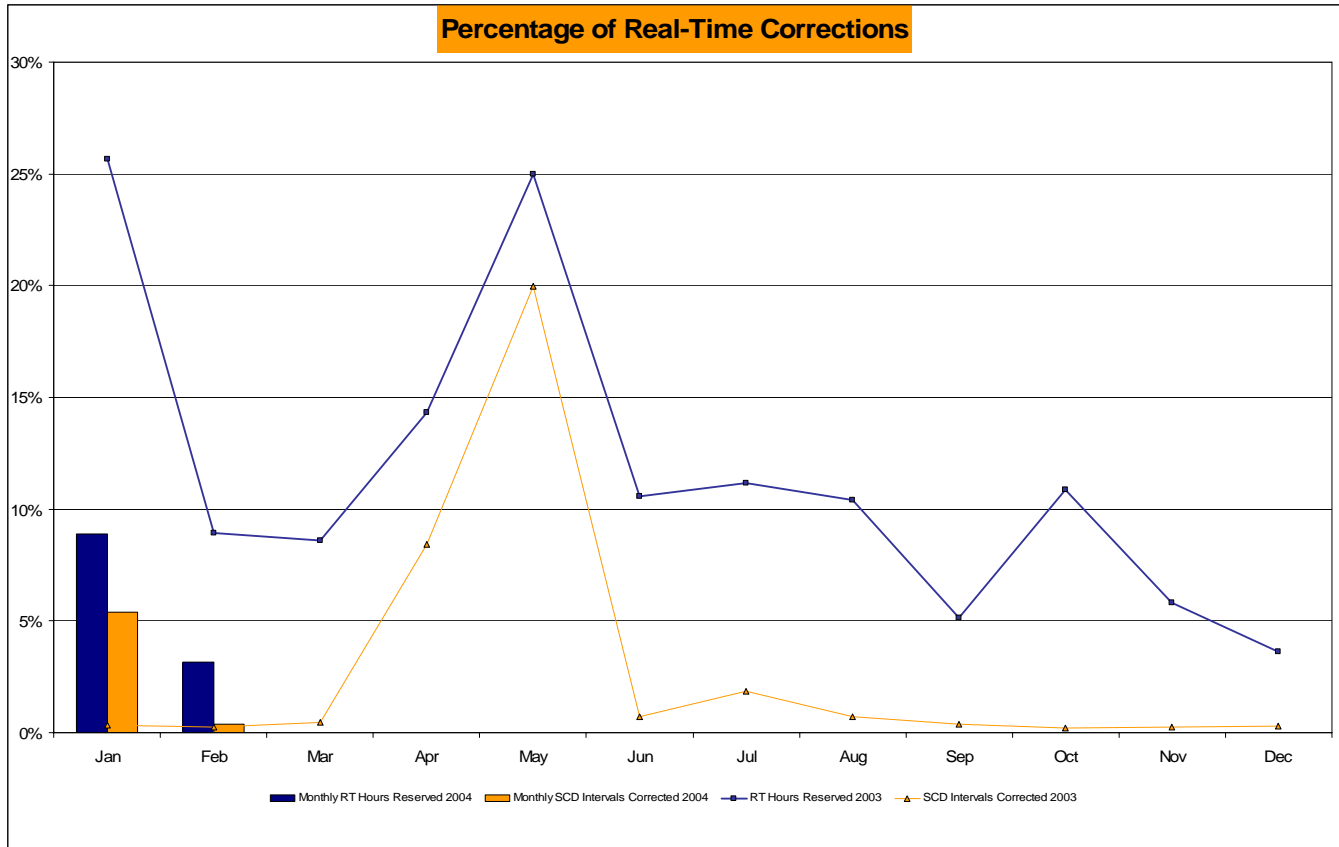
1. Executive Summary

Comparatively moderate temperatures and natural gas prices substantially below those in the previous month resulted in energy prices comparable to those for the same period last year. Prices for ancillary services, as well as price reservations and corrections, were within historic levels.



The PSC issued its interim report on last August's blackout, concluding that New York's system operated properly and did not contribute to either the blackout or its consequences. The PSC concluded that New York State did not have any warning of impending problems that might have allowed actions to be taken to mitigate the impact.

In February, FERC issued an order conditionally approving the tariff amendments for the implementation of the new Real-Time Scheduling software and complimentary market rules. FERC also conditionally accepted the Congestion Rent Shortfall Reduction Methodology. The NYISO and the TOs submitted two joint filings related to Interconnection Procedures: one for clarification and the other in response to comments and protests filed to a previous joint filing on this subject.



Software development for Phase 2 of the SMD2 project was on track in February and the internal portion of Market Trial testing was ongoing at NYISO facilities. Integration testing between ABB products and NYISO applications has been successful.

2. System Operations

Management Summary

A 22,943 MW Peak load for the month occurred on Tuesday, February 3. No Major Emergencies were declared during the month. Alert states were declared on seven occasions, with five attributable to system frequency excursions. There were 15 occasions when reserve energy was activated during February; with eight due to large control area errors and three due to activation of shared reserves. CPS1 was 181%; CPS2 was 96.9%. One DCS event occurred on February 9, 2004 at 06:19, when Roseton 2 tripped loaded at 530 MW and RPU terminated at 06:29. The NYISO received approval from NERC in February for four System Operator courses for Continuing Education certification. The Reliability Coordinators WG and Operations Reliability Subcommittee have rewritten NERC Policies 5, 6, and 9 under NYISO and IMO leadership. All three NERC Policies were approved by both the RCWG and ORS. The policies have been forwarded to the NERC Operating Committee for approval at its March meeting, and the NERC Board of Trustees at the May meeting. Staff continues to prepare responses for sections of the Control Area pre-audit self-assessment questionnaire.

Staff provided continuing support to the ongoing NERC and NPCC investigation process in the MEN Benchmark analysis and participated with NERC investigation review teams as they develop their final report and recommendations. Staff is also working with the SOAS and SPAS in follow-up activities to develop responses to the NERC Recommendations and remedial actions. Staff distributed the preliminary 2004 representation for the Fault Current Assessment to the SPAS data contacts, and comments are due by March 1. The revised Load Power Factor Assessment report has received extensive questions from OSTF and other transmission owner representatives, including "follow-up" questions from previous responses. A summary of the questions/responses and additional report revisions will be available for the March SOAS meeting. Staff distributed the preliminary results of the Summer 2004 thermal transfer limit analysis for internal NYISO interfaces and several appendices for OSTF review. Inter-Area transfer limits assessment will be distributed to the Operating Studies Task Force for review and comment during the first week in March. NOAA/SEC reported one GIC event ($K_p=6$ or greater observed) during the month. There were seven $K_p=5$ events. During the month, three events resulted in excursions of more than 30 MHz or a loss of greater than 1000 MW.

Staff continues to meet with IT to create a hardware platform that Operations can use and control. This will allow Operations to verify SPRs, run other functional tests, bring the network model up to date, develop a model load procedure and start tuning the State Estimator. Meetings with IT have been held on a weekly basis to prioritize the work and report on issues. Little progress has been made on unstructured functionality testing due to the access and control of the needed software and hardware platforms. Staff continued working on the network data and the model load process on the RANGER system. There was a single instance of success with a model load that has been achieved since the FAT. Long execution times and poor or no error messages have added to the problems. The database was frozen and control was turned over to ABB for them to add Map board and RTU data values. The updated database will be returned to NYISO control during the first week of March. Staff participated in several meetings for the software design of the Day-Ahead AMP on the SPIDER platform this spring. Most of the SPIDER software modifications are complete and are being tested. Staff worked with ISO-NE staff to produce a document detailing ISO-NE and NYISO Scheduling Rules for transactions over the New York-New England interconnections. Operations staff, as well as Market Relations and Regulatory staff, continues to meet with LIPA, Northeast Utilities, and ISO-NE representatives to respond to concerns related to the Northport-Norwalk Harbor and Cross Sound Cable interconnection scheduling. In February, scheduling staff processed 295 requests for generating unit DMNC testing and unit maintenance outages, confirmed 1,755 external control area transactions in the Day-Ahead Market checkout, and scheduled 538 NYS transmission facility maintenance outages.

The following table shows the number of reserve activations and the number that did not result in crossing zero, and the number of alert states in the current and past two years.

	2002			2003			2004		
	No. of Reserve Activations	No. of Alert States	Non-Zero Crossing	No. of Reserve Activations	No. of Alert States	Non-Zero Crossing	No. of Reserve Activations	No. of Alert States	Non-Zero Crossing
January	5	9	0	30	24	10	36	21	6
February	20	24	3	23	21	5	15	7	3
March	24	31	6	24	10	7			
April	25	25	9	16	24	2			
May	11	19	2	10	13	2			
June	13	14	3	15	12	2			
July	66	33	41	12	18	1			
August	25	10	12	24	22	4			
September	23	20	9	12	6	0			
October	28	24	11	25	21	3			
November	25	26	4	17	12	3			
December	32	27	8	40	16	4			
Totals	297	262	108	248	199	43	51	28	9

Attachments

Attachment 2-A, NERC Control Performance Standard

3. Market Services

Management Summary

Customer Relations:

No new customers were added during February and, therefore, the total number of NYISO Customers remains at 218.

As part of our Customer support efforts, the NYISO continues to track its responsiveness to Customer inquiries. For 2004, the Customer Relations goal for the percentage of all Customers who are satisfied with the NYISO's responsiveness has been set at 95%. For February, the Customer Resolution Survey was sent out with 113 answers to Customers' inquiries, one response was received. Therefore, a 99.1% rate was achieved for the month. (See Attachment 3-A)

Another of Customer Relations' goals is to trend the backlog of open inquiries. Attachment 3-B is a graph of open and closed tracking tickets; Attachment 3-C shows the length of time that tickets have been open, and Attachment 3-D shows the number of days that inquiries have been open as of the end of February.

During the month, Customer Relations continued meeting with Customer organizations as part of efforts to learn more about our Customers' businesses and their objectives for interactions with the NYISO. Eight of these Customer visits took place in February.

Customer Technical Services:

This month's significant communications to Market Participants included solicitation of comments in response to FERC's letter on the SMD Technical Conference; the February 13th issue of the NYISO's Market Participant Newsletter, "NYISO Insider;" announcement of an introductory on-line WebEx course on the NYISO Decision Support System (DSS); solicitation of customer input regarding potential refinements to the current settlement and credit rules; deployment of a Billing and Accounting System (BAS) upgrade; the release of updated Technical Bulletin #42 clarifying generator operator requests for out-of-merit generation; the release of updated Technical Bulletin #72 to reflect operation of both on and off-dispatch units; the release of updated Technical Bulletin #77 to clarify eligibility for start-up cost guarantees in the Day-Ahead Market; and, the release of new Technical Bulletin #107 that describes new upload/download functionality.

The following Technical Bulletins were revised and distributed to Market Participants: #42, revised to clarify generator operator requests for out-of merit generation; #72 revised to reflect operation of both on and off - dispatch units; #77 revised to clarify eligibility for start-up cost guarantees. Additionally, new Technical Bulletin # 107, explaining enhanced upload/download functionality, was released to the marketplace.

CTS staff participated in the Issue Management Committee (IMC), the Issue Resolution Team (IRT), and the Committee Coordination Team (CCT), and the Compliance Task Force. CTS Staff also participated in the Market Participants Metering Task Force and Generator Issues Task Force meetings; as well as took meeting minutes for the February BIC.

CTS hosted an internal seminar conducted by The Center for the Advancement of Energy Markets (CAEM) on February 6 regarding retail access and competitive electricity markets.

CTS staff worked on organizing and supporting the ERCOT conference for ISO Client Services topics. Several presentations and documents were prepared and presented at the conference.

CTS made a presentation on "transmission issues" at the Center of Environmental Sciences and Management R&D workshop on Superconductivity.

CTS made a presentation on Customer Satisfaction and the August 14th blackout at the Market Services Group meeting.

CTS worked on the Quarterly Strategic Plan Performance report -- several meetings took place with NYISO managers to gain input on the chosen metrics, and secure data for analysis.

CTS completed and issued two separate web traffic reports – a weekly analysis posted on our intranet site, and a monthly, in-depth analysis.

CTS completed work on Market Services Portal Requirements and delivered them to IT for inclusion in the Phase 2 portal FRS.

CTS met with representatives of the IMO to discuss modeling of combined-cycle units.

CTS participated in the following R & D related activities: handled billing and management issues for PSERC, EPRI, CEATI; conducted a meeting of the R&D Steering Team; represented NYISO in an EPRI teleconference on ISO/RTO research priorities; initiated definition of R&D Steering Team intranet web site; represented NYISO at the kick-off meeting of the EPRI Infrastructure Security Initiative (ISI); and represented NYISO at the superconductivity outreach workshop.

CTS met with Internal Audit staff to review the process for evaluating MCS Survey results.

CTS updated the DSS web-based quick start guide based on changes resulting from the January DSS deployment.

CTS finalized 6 draft technical bulletins on Station Power. CTS drafted new Technical Bulletins on Transmission Loading Relief and Extraordinary Corrective Action-B.

CTS released version 1.0 of the Web-based Reconciliation User's Guide. CTS initiated documentation on the UCAP automation project.

CTS provided a comparison of NYISO and ISO-NE procedures for the review of the 85/15 cost allocation issue and its impact on certain uplift variables.

Product Development

◆ Environmental:

Prepared and delivered a quarterly environmental disclosure dataset to the PSC.

◆ Demand Response Programs:

- Assisted in registration of DADRP and EDRP customers; sent out EDRP renewal notices to all CSPs.
- Modified existing EDRP procedures, created new procedures to respond to NYISO audit requirements.
- Developed modifications to DADRP incentive payment rule, which expires on 10/31/2004; updated EDRP and DADRP manuals to reflect proposed changes to programs in 2004.
- Met with NYSERDA and PSC to develop program for statewide demand response workshops in March.
- John Charlton attended EPRI Distributed Generation R&D project meeting.

◆ ICAP:

- Developed forward market resource adequacy proposal; made presentation at 2/12 ICAPWG meeting.
- Participated in RAM regional meeting at Bradley Airport, 2/27.

◆ New Issues:

- Worked on interim solution for Cross Sound Cable project.

- Developed Concept of Operations document for internal Controllable Lines; made presentations at S&PWG meeting on 2/10.
- Participated in GITF prep and MP meetings; assisted in formulating technical response to FERC SMD compliance order relative to 15 minute scheduling and demand response participation in real-time reserves market.
- Participated in FCO and e-Tagging Fusion kickoff meeting, interviews and workshop.

Resource Adequacy

◆ Resource Reliability:

Staff completed the March 2004 monthly ICAP and Spot Market Auctions. The third iteration of construction for the UCAP Automation project was completed, with all deliverables for the third iteration provided on schedule. An initial demonstration of the UCAP application was provided to the Customer Relations Department.

◆ Transmission Congestion Contracts:

Staff completed the March 2004 Reconfiguration Auction and rounds one and two of the Spring 2004 TCC Auction. In early February, FERC approved the DAM congestion rent shortfall reduction methodology. This methodology was implemented for the Spring 2004 TCC Auction. Transmission Owners were allowed to reserve 400 MW of TCCs from this auction. The Spring 2004 TCC Auction power flow model was provided to ten Market Participants.

Look Ahead

Customer Technical Services:

CTS will release 6 Technical Bulletins on Station Power; and new Technical Bulletins on ECA-B, TLRs, and OSS tagging.

CTS will continue to provide documentation for the UCAP Automation project.

CTS will update the DSS User's Guide.

CTS staff will attend Documentum end-user training.

CTS staff will continue to work on the Web portal FRS.

CTS staff will continue to work on the new strategic plan performance report.

CTS will document the issues and problems surrounding commitment and scheduling of combined-cycle generating units.

CTS will attend a course in Visualization of Data.

CTS will assist CRD with generator interviews re: base points and persistent under-generation.

CTS staff will participate in the Issue Management Committee (IMC), Issue Resolution Team (IRT) and Committee Coordination Team (CCT).

Product Development:

- Will submit the EDRP manual for BIC approval in March.

- DADRP program changes will be reviewed with MPs in March with anticipated BIC review and vote in April. Tariff changes will require MC and BOD approval and a FERC filing, but changes will not need to be effective until Nov. 1, 2004.
- Participating in CBI Demand Response Workshop, March 25-26 in Alexandria, VA.
- Participating in four statewide demand response workshops in March along with NYSERDA and PSC.
- Scheduling meetings with ISO-NE, PJM and MPs to obtain input prior to updating FERC seams report.

Resource Adequacy

◆ Resource Reliability:

Complete the regular monthly ICAP auctions for March including the Spot Market Auction. A WEBEX demonstration of the UCAP application will be provided to Market Participants on April 1. Develop a plan to rollout the UCAP application. This plan will include a transition from the old process to the new, training of internal and external customers, and producing a User's Guide. As the interface with Market Participants, Customer Relations will be involved in the training and rollout.

◆ Transmission Congestion Contracts:

Work with the Market Structures Working Group (MSWG) to develop a methodology for the release of transmission capacity back into the monthly TCC auctions reserved in the Capability Period TCC auction by the Transmission Owners. Work with the MSWG and NYISO consultants on a process to introduce TCC options on the control area borders in the TCC auctions.

Attachments

- Attachment 3-A, Customer Resolution Survey
- Attachment 3-B, Tickets Open, Tickets Closed as of End of February 2004
- Attachment 3-C, Open Tickets by Month 2004
- Attachment 3-D, Number of Tickets Open by Days February 2004

4. Corporate and Market Risk Management

Management Summary

Risk Assessment:

The Enterprise Risk Management (ERM) department continued to provide reports to the CEO and Board Audit and Compliance Committee. Staff continued the process of monthly risk assessment reports and prepared recommendations. The internal risk committee met in February to review the progress of the program and assess the risk exposure in January and measure the effectiveness of mitigation efforts.

Industry Affairs

- ISO/RTO Council:

The ISO/RTO Council ("IRC") met in February. Key issues that were discussed included the August 14 Blackout aftermath, including NERC's blackout recommendations, NAESB coordination and support, and reliability legislation. The Council also met with EPRI and DOE to discuss the status and future plans of the Department of Homeland Security ("DHS") NESEC System. The IRC accepted charters for a new Markets Committee and Planning Committee under the IRC to coordinate in areas of mutual interest with regard to electric Market development and Planning matters affecting ISOs and RTOs.

- NERC-NAESB-ISO/RTO Coordination:

A meeting of the Joint Interface Committee ("JIC") was held in February to review the annual plans of NAESB, NERC, and the ISO/RTO Council, as well as to discuss other coordination issues. NAESB and NERC will work out a mechanism to coordinate the activities on the NAESB Gas-Electric Coordination Task Force and the NERC Gas/Electricity Interdependency Task Force. The JIC also reviewed three "Request[s] for Initiation of a NAESB Standard" related to OASIS and the Seams Catalog developed by the NAESB Seams Subcommittee.

- Seams Issues:

The JIC reviewed the current seams catalog at their February meeting. The issues are divided into National and Regional types. It was noted that out of the 134 issues, 33 items had disparate organization assignments between NERC and NAESB. The IRC members were in general agreement with the organization assignments, with the exception of five issues. The regional assignments generally fell under the purview of the various ISO and RTOs. The IRC recommended that the following five issues be reclassified as regional:

- Standardize Prices at Market Interfaces;
- Coordinate Hedging Instruments at Market Interfaces;
- Green power attributes trading;
- Reactive Power Compensation; and,
- Generator Interconnection - Affected Systems.

The JIC concluded that the issues will be worked on, as needed, by the appropriate organizations. The 37 issues that had disparate organizational designations would be designated as unassigned. This subset of the Seams Matrix and related materials are posted on the NAESB Web site (http://naesb.org/weq/weq_ec.asp), and may be reviewed in the future as appropriate.

- OASIS Standards

Three OASIS-related business practice standard proposals were presented to the JIC and approved for assignment to the NAESB process for development:

- i. Acceptance of the current OASIS Phase 1A Business Practices, Standards and Communication Protocol Standards (S&CP), and standards referenced in various FERC orders, including 889 and 605.
- ii. Acceptance of the NAESB IT subcommittee's recommended actions on the OASIS 1A issues that were left over from the OASIS Scheduling Collaborative ("OSC").
- iii. Review existing OASIS standards and Commission proceedings and develop a body of standards that would be considered OASIS Phase 2.

NAESB Standard Posted:

NAESB posted its Coordinate Interchange Business Practice Standard for comment. This is the first of the Business Practice Standards anticipated to be developed in conjunction with the transition of NERC Policies to Reliability Standards and associated Business Practice Standards by NAESB. This standard represents Business Practices that are consistent with the current version of NERC Policy 3. The intent is for this standard to complement NERC compliance templates associated with Policy 3, and ultimately facilitate the implementation of the NERC Coordinate Interchange Reliability Standard currently under development as part of the NERC Standards process.

All comments should be submitted to the NAESB office (naesb@naesb.org or 713-356-0067 – fax) by the close of business on April 2, 2004. NAESB's WEQ Executive Committee is expected to take action on this recommendation at its May meeting.

- NERC Standards Development and Review:

The NYISO coordinated its position and comments on the second version of NERC's '*Coordinate Operations*' and '*Coordinate Interchange*' standards and the NERC Functional Model that were posted for industry review and comment with the ISO/RTO Standards Review Committee ("SRC"). IRC consensus comments were prepared and submitted to NERC by the SRC. Each of the ISO/RTOs also submitted their individual comments. The NYISO also supported the NPCC regional comments, which were prepared in conjunction with NPCC task forces and working groups.

NERC posted a revised version of the proposed *Operate Within Interconnection Reliability Limits* standard-200 for industry review and comment. NYISO will coordinate consensus positions and comments with the various industry groups.

Internal Audit:

During February, an audit report was issued for:

- Creditworthiness

A project process Scorecard was issued for:

- SMD2.0 (Standard Market Design) (continuing review)

Draft reports and/or report reviews were in progress for:

- Grouped GT Base points (focused review)
- Market Monitoring Unit: Mitigation
- Line Losses
- Quality Assurance

Fieldwork and/or planning were in process for reviews of:

- Bid Production Cost Guarantee/Residuals – account accuracy
- Curtailments (focused review)
- Insurance (focused review)

- IT Configuration Standards
- KPMG Billing Issues Recommendations
- LECG Oversight
- MIS Application Security
- Payroll
- Regulation – account accuracy
- Transmission/Interconnection

The January through November 2004 SAS 70 Type 2 audit scope period is underway, all subject to review by KPMG, the SAS 70 external auditors.

Monitoring of Year 2004 Corporate Incentive Goals continued during February.

Market Monitoring:

◆ Market Review for February 2004:

Prices in the Day-Ahead Market (DAM) and Real-Time (RT) Market decreased this month due to the decrease in Natural Gas prices and the low daily sendout. Prices decreased by 24.1% in the DAM and by 29.3% in RT in February 2004 compared to January 2004. Natural Gas prices decreased by 43.8% to \$6.37/MMBtu and the average daily sendout fell 5.2% to 440 GWh/day in February 2004 (compared to January 2004).

Prices:

The February 2004 Average Monthly cost was \$59.54, down from \$79.60 last month (Attachment 4, Table 4-B). The Year-to-Date Average Cost of \$70.60 in February 2004 is lower than the February 2003 YTD price of \$74.00 (Attachment 4, Chart 4-A).

LBMPs in the NYCA decreased in all markets from January 2004 to February 2004. Prices in all three markets are also down compared to February 2003. The load weighted average DAM price fell from \$75.01/MWh in January 2004 to \$56.90/MWh in February 2004, a decrease of 24.1%. The load-weighted RT price decreased from \$76.85/MWh in January 2004 to \$54.33/MWh in February 2004, a decrease of 29.3%. DAM, HAM and RT prices are lower than the prices in February 2003 (Table 4.1 below and Attachment 4, Table 4-E).

Table 4.1 Monthly Price Summary

	February 2004		
	DAM LBMP	HAM LBMP	RT LBMP
Price	\$55.31/MWh	\$54.41/MWh	\$52.95/MWh
Standard Deviation	\$14.40	\$15.73	\$15.04
Load-weighted Price	\$56.90/MWh	\$55.89/MWh	\$54.33/MWh
Percent change over January 2004	-24.1%	-30.6%	-29.3%
Percent change over February 2003	-24.2%	-32.4%	-28.9%

Uplift decreased substantially this month from \$40,285,111 in January 2004 to \$16,791,107 in February 2004. Although many of the categories have changed from last month, most of the change stems from a large decrease in the Bid Production Cost Guarantee Balancing (Attachment 4, Chart 4-C).

Transactions:

Most energy transactions were either internal bilaterals (44% this month, up from 40% from last month) or LBMP purchases (54% this month, down from 58% last month). The percentage of DAM transactions increased slightly from 97.5% in January 2004 to 97.9% in February 2004 (Attachment 4, Table 4-D).

Sendout:

The February 2004 sendout was 12,746 GWh. The February 2004 daily average sendout of 440 GWh/day was lower than the January 2004 daily average sendout of 464 GWh/day. Compared to February 2003, the average daily sendout this month was down by 2.2% (Table 4.2 below).

Table 4.2 Monthly Summary Comparisons

	<i>February 2004</i>	<i>January 2004</i>	<i>December 2003</i>	<i>November 2003</i>	<i>October 2003</i>
Monthly Peak (Hourly Load): MW	22,944	25,262	23,483	21,647	21,077
Average Daily Sendout: GWh	440	464	435	402	397
Percent change over the previous year	-2.2%	+1.3%	-1.1%	-2.7%	-3.6%
Monthly Sendout: GWh	12,746	14,384	13,494	12,066	12,316

Fuel Costs:

Fuel prices are generally down this month relative to the prices last month and all prices are substantially down compared to prices in February 2003.

Natural Gas prices saw the largest decrease (43.8%) relative to January 2004, followed by No. 2 Fuel Oil, and Kerosene (5.9%, and 2.1% respectively). No. 6 Fuel Oil saw a slight price increase (0.8%).

All fuel prices are lower than the prices in February 2003. Natural Gas is showing the largest price decrease relative to last year (38.8% lower than in February 2003), followed by No. 6 Fuel Oil (25.5% lower than in February 2003) and No. 2 Fuel Oil (17.6% lower than in February 2003) and Kerosene (10.0% lower than in February 2003). All fuel prices are stated in \$/MMBtu (Table 4.3 below).

Table 4.3 Summary of Fuel Costs for February 2004

	No. 6 Fuel Oil	Natural Gas	No. 2 Fuel Oil	Kerosene
Price: \$/MMBtu	\$5.48	\$6.37	\$6.52	\$7.55
Change from January 2004	+ 0.8%	-43.8%	- 5.9%	- 2.1%
Change from February 2003	- 25.5%	-38.8%	-17.6%	-10.0%

Ancillary Services:

DAM 10 Min Spinning Reserves decreased by 37.1% in the East and 39.5% in the West from January 2004 to February 2004. On a year-to-year comparison, DAM 10 Min Spinning Reserves are down 35.8% in the East and 38.1% in the West in February 2004.

DAM Regulation prices are up 33.2% this month compared to January 2004. Compared to February 2003, the DAM Regulation prices are up by 13.0% (Attachment 4, Chart 4-W and Table 4-X).

◆ Price Reservations and Corrections:

The percentage of hours reserved decreased this month, as did the percentage of intervals corrected. The percentage of hours reserved this month was 3.16%, down from 8.87% in January 2004. The percentage of intervals corrected decreased from 5.38% in January 2004 to 0.38% this month. There were 20 days without price corrections during February. (Attachment 4, Table 4-Q and Chart 4-R).

◆ Investigation and Physical Audit:

During the month of February 2004, four new audits were conducted and one audit started in 2004 was closed. No new investigations were started and none closed.

◆ Mitigations and Penalties:

DAM In-city mitigations occurred every day in February 2004. In-city RT Mitigation operated on all days this month. The DAM Automated Mitigation Procedure (AMP) did not arm during February 2004. There were no other mitigations during February 2004.

Look Ahead

Risk Assessment:

Staff has developed methodologies for including more prospective analysis in future risk reports. Staff is also working on a continual process improvement program that includes a real-time risk response capability and enhancing risk awareness across the NYISO. These enhancements are to be implemented throughout 2004.

Market Monitoring:

MMP staff will continue to meet with NYC gas local distribution companies (LDC) to identify the potential benefits of better communications. Information requests to Generators supporting reference price updates are in progress and will be issued in March. Reference price reviews are now being scheduled to coincide with the seasonal environmental restriction periods.

Attachments

Attachment 4-A,	Average Daily NYISO-Administered Total Price 2002-2003
Attachment 4-B,	Average Monthly Rates NYISO-Administered Total Price 2000-2003
Attachment 4-C,	OATT Schedule 1 – Uplift 2000 to 2003
Attachment 4-D,	NYISO Markets 2002-2003 Transactions
Attachment 4-E,	NYISO Markets 2002-2003 Energy Statistics
Attachment 4-F,	NYISO Monthly Average Internal LBMP Prices 2002-2003
Attachment 4-G,	Zonal Statistics for NYISO
Attachment 4-H,	West Monthly Average LBMP Prices 2002-2003
Attachment 4-I,	Capital Monthly Average LBMP Prices 2002-2003
Attachment 4-J,	Hudson Valley Monthly Average LBMP Prices 2002-2003
Attachment 4-K,	NYC Monthly Average LBMP Prices 2002-2003
Attachment 4-L,	Long Island Monthly Average LBMP Prices 2002-2003
Attachment 4-M,	DAM and RT Zonal Unweighted Monthly Average LBMP Components
Attachment 4-N,	External Comparison ISO-NE
Attachment 4-O,	External Comparison PJM
Attachment 4-P,	External Comparison Ontario IMO
Attachment 4-Q,	Price Correction Statistics
Attachment 4-R,	Percentage of Real-Time Corrections
Attachment 4-S,	Virtual Trading Averages
Attachment 4-T,	Virtual Load and Supply Zonal Statistics
Attachment 4-U,	Multi-Hour Block Transaction Totals
Attachment 4-V,	NYISO Monthly Average Ancillary Service Prices, DAM 2002-2003
Attachment 4-W,	NYISO Monthly Average Ancillary Service Prices, BME 2002-2003
Attachment 4-X,	NYISO Markets 2002-2003 Ancillary Service Statistics
Attachment 4-Y,	NYISO In City Mitigation - 2003
Attachment 4-Z,	NYISO Average Daily Load Bid Summary (New Chart)
Attachment 4-AA,	NYISO LBMP Zone Map with Super-zones
Attachment 4-AB,	2004 Corporate Goals and Objectives

5. Strategic Development

Management Summary

Business Planning

- ◆ 2004 Business Plan and Incentive Goals:

The 2004 Business Plan and Incentive Goals are being implemented and monitored. Performance levels for the 2003 Incentive Goal program were briefed to the Market Participant Budget, Standards and Performance Subcommittee in February.

- ◆ Strategic Plan:

The Five-Year Strategic Plan is being implemented; monitoring and analysis of 2004 activities is underway.

System & Resource Planning

- ◆ Resource Adequacy:

The Locational ICAP Requirements Study was completed and the study report approved by the Operating Committee on February 20. The report has been posted on the ISO web site. The external ICAP allowances have been determined for the summer of 2004 and have been posted on the web site to facilitate the "first come, first served" open enrollment period. Staff continues to participate in the NPCC tie benefits study. Staff is preparing data for the NPCC CP-8 2004 Summer Assessment.

- ◆ Transmission Planning:

The Operating Committee approved the SRIS for the Flat Rock 300 MW Wind Power project. The SRISs for the Conjunction Empire Connection, Global Prattsburgh Wind Park, and Entergy Indian Point Uprates projects are under review. The Class 2001 cost allocation settlement proceeding is still in progress. The Class 2002 and Class 2003 cost allocations remain on hold. The draft 2003 NY Area Transmission Review report remains under review by TPAS, the NYSRC RCMS, and the NPCC TFSS. Work on the Phase 1 System Planning Study continues. The NYISO has approached GE about performing part of the Planning Study. PowerGem continues to be involved in the congestion reporting aspect of the study. The ISOs have completed a Northeastern ISO/RTO Planning Coordination Protocol document, which each of the ISOs presented to their respective stakeholder groups in February. Staff continues to participate in NERC/MEN/NPCC study activities related to the August 14 Blackout. The NPCC TFSS has revised the NPCC Blackout Study Plan to address various comments received. The plan will be submitted to the NPCC RCC for approval in March. NYISO and NYSERDA reviewed comments on the draft Wind Generation Integration Study Phase 1 report with GE. GE issued the final report in February. NYISO submitted its compliance filing for the FERC order on large generator interconnection standards. However, FERC issued another order stating that approval will be required before the compliance filing can go into effect.

- ◆ Load Forecasting:

The January Day-Ahead forecast average absolute error for the NYCA peak was 1.68%; the weather-adjusted error was 1.28%. Revised models for the Day-Ahead forecast are currently being tested at Operations Engineering

The 2004 ICAP load forecast was finished and sent to Market Participants. The peak forecast is 31,710 MW (31,800 MW when unmetered municipal generation is included). Staff is working with Resource Reliability to develop individual municipal and partial requirements customers load forecasts.

An analysis of the pattern of load growth in New York State was begun.

Staff participated in the initial meeting of a metering working group and is developing an inventory of the department's need for better metering.

Work on the ESP load forecasting process continued.

A conference call was held with ITRON to discuss Load Forecasting's requirements for load data access to track the performance of the new RTC and Day-Ahead forecasting models.

Look Ahead

Business and Strategic Planning

A measurement and monitoring program for implementation of the Strategic and Business Plans is in progress. Initial Coordination with the Budget, Standards and Performance Subcommittee on 2005 Incentive Goals will begin in April.

System & Resource Planning

◆ **Resource Adequacy:**

Participate in Gas Reliability Advisory Group and develop objective #2 (gas supply and delivery). Continue to research capacity unavailable during peak load conditions. Update load and capacity outlook for the summer of 2004. Complete loss of downstate generating unit analysis. Prepare data for planning process resource adequacy simulations. Prepare data for use in 2005 IRM study. Work with ICS on 2005 study methodology (joint with locational study) and assumptions.

◆ **Transmission Planning:**

Finalize group goals and work plan for 2004. Continue to provide assistance and review of studies for proposed new interconnections. Prepare to implement the new Interconnection Procedures outlined in the compliance filing. Continue to address issues related to system upgrades required for interconnections and the associated Class Year cost allocations. Address comments on the 2003 New York Area Transmission Review and issue a revised report for Operating Committee and TFSS approval. Continue work on the Phase 1 System Planning Study. Continue development of the Comprehensive (Phase 2) System Planning process and integration of the Northeastern ISO/RTO Planning Coordination Protocol. Continue work on the August 14 blackout investigation. Begin Phase 2 of the NYISO-NYSERDA Wind Generation Integration Study. Work on the annual EIA-NPCC Survey, NYISO Load & Capacity Data Report, and FERC 715 filings. Work on power flow, stability and short circuit cases to be used in the 2004 New York Area Transmission Review, the 2004 NPCC Overall Transmission Study, and various other studies.

◆ **Load Forecasting:**

The Day-Ahead model will be re-estimated through January and evaluated against the current model.

Work will continue on developing a 10-year forecasting process for the electric system planning process.

Work will continue on the load forecasting component of the RTS.

The metering working group will continue to meet and develop further plans for improved metering.

Staff will attend the NERC LFWG meeting.

Attachments

Attachment 5-A, NYISO Daily Peak Load

Attachment 5-B, Day-Ahead Forecast (Weather-Adjusted) Performance Tracking

Attachment 5-C, Plot of 12-Month Moving Total of NYCA Weather Adjusted Energy Sendout

Attachment 5-D, Plot of Weather Adjusted 12 Month Moving Total Energy Sendout Annual Percent Change

Attachment 5-E, Plot of 12 Month Moving Total of NYCA Energy Sendout and Effective Degree Days for 10 years

Attachment 5-F, Plot of 12 Month Total Energy Sendout Annual Percent Change for 10 Years

6. Regulatory Affairs and General Counsel

Management Summary

The NYISO made ten FERC filings in February 2004. Various Market Participants made three NYISO-related filings (or groups of filings). FERC issued two substantive and two procedural orders regarding NYISO dockets. Listings of the NYISO related regulatory filings and FERC orders issued in February are included as Attachments 6-A and 6-B.

NYISO and Transmission Owners (TOs) Joint Filing for Clarification Regarding Interconnection Compliance Procedures (RM02-1-000/001) – Filed February 9, 2004

The NYISO and the TOs asked FERC to clarify that the *pro forma* Large Generator Interconnection Procedures and Large Generator Interconnection Agreement will not govern the interconnections to TO facilities that are not under the NYISO's operational control. The NYISO and the TOs want clarification that existing procedures will remain in effect until FERC acts on the NYISO/TO Joint Compliance Filing made on January 20, 2004.

NYISO and Transmission Owners (TOs) Joint Filing of a Response to Comments and Protests Regarding Standard Interconnection Procedures and Agreements (ER04-449-000) – Filed February 25, 2004

The NYISO and the TOs responded to third party comments regarding the treatment of unexecuted interconnection agreements; modification of the definition of "Applicable Reliability Standards" to include requirements and guidelines of individual TOs; retention of the option to perform System Reliability Impact Studies on a combined basis to evaluate more than one proposed project; establishment of detailed construction schedules and budget reporting procedures; power factor requirements; written notification of interruptions in service; compliance with NYISO instructions under emergency conditions; reservation of 205 filing rights; and the NYISO's "but for" pricing process.

NYISO Filing of Regional Adequacy Markets Working Group Status Report (ER03-647-004) – Filed February 26, 2004

The NYISO reported that the intended 2003 plan of action for a Regional Adequacy Market Group that was created in early 2003 by ISO-NE, the NYISO and PJM has largely been met. An independent review of, and recommendation for, a centralized regional resource adequacy market model was contracted for and completed. A stakeholder review process was implemented, both region-wide and in the individual control areas. During 2004, the ISOs and RTOs will continue the stakeholder review process to determine if a consensus approach to a regional resource adequacy market can be developed.

NYISO Filing of Post Technical Conference Comments Regarding the Treatment of Reliability Must Run (RMR) Generation (EL04-36-000) – Filed February 27, 2004

The NYISO's goal in filing these comments is to ensure that FERC does not adopt and apply generically any new RMR policies that would hinder the NYISO in using the methods the NYISO and its Market Participants have chosen to address local market power issues, including the market power that can be exercised by RMR units. The comments emphasize that the New York markets feature a variety of sophisticated and interrelated measures to mitigate local market power, while fostering accurate and efficient price signals and ensuring that, where appropriate, units that are needed for system reliability are adequately compensated. The NYISO stated that a mandatory application to New York of generic local market power rules developed with other markets in mind would be likely to harm, rather than improve, the carefully crafted New York market design.

FERC Order Conditionally Accepting the Congestion Rent Shortfall Reduction Methodology (ER04-294-000) – Issued February 2, 2004

FERC approved the NYISO's proposed methodology to reduce congestion rent shortfalls by causing the NYISO to sell a set of TCCs in each Centralized TCC Auction that better matches the transmission capacity that is expected to actually be available in the Day-Ahead Market. As a result, the NYISO's congestion payment obligations to TCC Primary Holders are expected to more closely match the NYISO's collection of congestion

rents. The order requires the NYISO to make several modifications identified by the NY TOs that the NYISO does not oppose. FERC also ordered the NYISO to file a report regarding the Congestion Rent Shortfall reduction methodology on or before December 1, 2004.

FERC Order Conditionally Accepting Tariff Revisions Regarding Real-time Scheduling Software (ER04-230-000) – Issued February 11, 2004

FERC accepted, subject to modification, the NYISO's proposed tariff to implement new real-time scheduling (RTS) software and a number of complementary new market rules. FERC required the following modifications: do not apply the real-time AMP to non-constrained areas; reinstate a price chasing option; apply a \$0 Availability Reserve Bid only to ICAP suppliers; and include a more objective standard for what constitutes "unjustifiable change" in the definition of physical withholding.

Letter Orders:

During February 2004, FERC issued letter orders accepting tariff revisions modifying the treatment of phase angle regulators in the allocation of congestion rent shortfalls (ER04-356-000) and tariff revisions correcting inadvertent errors in the October 15 filing regarding the allocation of congestion rent shortfalls (ER04-54-001).

Litigation Summary:

On February 9, 2004, the NYISO moved to intervene in *Consolidated Edison Co. of New York v. FERC*, D.C. Circuit Case No. 04-1003. In this case, Consolidated Edison petitioned for review of FERC orders in Docket No. EL02-23. On February 27, 2004, the Court of Appeals consolidated this case with Case No. 04-1063, in which Public Service Electric & Gas Co. petitioned for review of the same FERC orders. By virtue of its intervention in Case No. 04-1003, the NYISO is deemed an intervenor in the consolidated case.

Look Ahead

The NYISO is preparing FERC filings regarding: requests for rehearing/extension and a compliance filing regarding the SMD2.0/RTS order; congestion reduction compliance filing; settlement rules at non competitive proxy buses; and settlement/credit procedures report.

Attachments

- Attachment 6-A, NYISO Regulatory Filings – February 2004
- Attachment 6-B, NYISO related FERC Orders – February 2004

7. Committee Activities

Management Summary

Management Committee (MC): The MC met on February 4, 2004 in New York City.

- The MC unanimously approved a recommendation to amend the NYISO tariffs to delete conditions on the application of the noncompetitive proxy generator bus pricing rule.
- The MC approved amendments to the By-laws and the ISO agreement regarding sector designations for Demand Response Providers and Distributed Generators; and phased-in membership fees for DRPs and DGs.

Business Issues Committee (BIC): The BIC met on February 18, 2004.

- The BIC approved a motion recommending consideration by the next MC of an interim solution for scheduling use of the Cross Sound Cable by parties in addition to LIPA.
- The BIC recommended that the MC approve tariff provisions authorizing the NYISO to account for Wholesale Transmission Service Charges in a Customer's Operating Requirement.

Operating Committee (OC): The OC met on February 19, 2004.

- The OC unanimously approved the SRIS scope for the Ginna Uprate Project and the Global Wind Harvest-Prattsburgh/Italy Power Project SRIS.

New York State Reliability Council (NYSRC):

- Energy Legislation – NYSRC Position/Issues Paper :

At the February 13 Executive Committee meeting, Mr. Gioia summarized his February 10, 2004 correspondence to the NYSRC Executive Committee titled, Federal Legislation. Its purpose is to highlight factors affecting the Committee, either positively or negatively, to enable the Committee to make informed decisions regarding whether to take a more active stance on the proposed bill as it stood prior to the failed vote on cloture. He indicated that the situation is fluid, with both Parties offering stripped down Electric Reliability-only legislation, in particular, New York's Senator Clinton. It would not be unreasonable to expect passage of such focused legislation at any time. Mr. Gioia further advised that the electric reliability component of the proposed bill that was before the Senate required relatively minor adjustments to meet the Committee's needs. He offered the following recommendations:

- Regional Entities – The legislation should grandfather current reliability entities. In the alternative, the presumption in favor of the delegation of authority of a regional entity organized on interconnected-wide bases should be expanded to regional reliability entities.
- Regional Standards – The legislation should similarly grandfather reliability standards promulgated by current reliability organizations. Alternatively, the presumption in favor of reliability standards proposed by regional entities organized on an interconnected-wide basis should be expanded to current reliability entities.
- Governance – It should be clear that the NYSRC's governance structure is consistent with FERC requirements for a regional entity.
- Conflicts With Existing Standards – The provision relating to the resolution of conflicts between an ERO standard and a FERC order, tariff, rule or agreement should be retained.

- State Savings Clause – The state savings provision should be retained and the legislation should state that a reliability standard adopted by a state authority that is more stringent than an ERO standard is not “inconsistent” with the ERO standard. The language authorizing New York State to adopt more stringent standards is less preferable.

Following lengthy discussion of the issues affecting New York State and the NYSRC and the apparent urgency to have the Committee’s concerns understood by the lawmakers, the Committee asked Mr. Gioia to prepare a letter based on his assessment and the Committee’s comments that could be sent to the NYS Congressional Delegation, Governor, PSC, FERC, EEI, and perhaps others.

Look Ahead

Management Committee (MC):

- The March MC will vote on a proposal to create a subsector for DRPs and DGs in addition to the interim solution for the Cross Sound Cable and changes relating to Wholesale Transmission Service Charges.

New York State Reliability Council (NYSRC):

- The next two meetings are scheduled for March 12, 2004 and April 8, 2004 respectively.

Attachments

Attachment 7-A, MC Motions

8. Information Technology

Management Summary

Testing of the Infrastructure upgrade for the Billing and Accounting System (BAS) Database to Oracle 9i was completed and the upgrade was deployed into the Production System.

Testing of the New Billing Allocations (A686) Project and the Station Power Phase I Project (A647) were completed and the projects were deployed to the Production System.

Software development activities for Phase 2 of the SMD2 project tracked according to plan in February. Phase 2 features include a number of required enhancements to the core product software that was delivered in December. System design document review and approval is being conducted with ABB staff, and test planning activities for the upcoming Phase 2 acceptance tests have started.

A new software release was produced at the end of February that contains corrections to the high severity software defects that were identified during the Phase 1 acceptance testing. The NYISO will conduct verification tests on this new release during the first 2 weeks in March. Additionally, some of the features planned for Phase 2 of the SMD2 project have been delivered with this release, and will be worked into the acceptance testing plan.

The internal testing portion of the Market Trial testing process is ongoing at the NYISO facilities. Integration testing between ABB products and NYISO applications has been successful, and functional testing of the core applications is tracking to plan. Some Market Participants have submitted sample upload / download templates from their in-house systems for NYISO review.

A cross-functional team took part in a two (2) day strategy session at the offices of Sapient in Cambridge, Massachusetts. The focus of the workshop was an analysis of the current and planned Seams projects, and the potential for realignment of the project priorities to address emerging business needs. The exercise was part of a larger IT strategy process being conducted with the help of Sapient.

The Billing Simulator project has fully initiated with Gestalt. The functional requirements are undergoing final review, hardware specification is complete, and development activities have started at the vendor site. The project is attempting to apply simulation technology to the process of predicting the financial impacts of rule modifications and data discrepancies on the market participant's (MP's) bills.

Look Ahead

IT will begin the verification activities associated with the Station Power Phase 2 Project (A647) software changes.

The SMD2 project team will complete verification of the new software release from ABB. This release resolves the high severity defects that were identified during Phase 1 acceptance testing.

The ABB development team will complete the majority of the pre-acceptance testing for the EMS / SCADA applications. This testing is required for them to demonstrate readiness of the products to start formal acceptance testing for Phase 2 at the NYISO facilities in April.

The Decision Support System (DSS) team will continue its detailed design review for the changes introduced by the SMD2 project to ensure that data changes can be accommodated by the DSS. A planning process will continue to target system enhancements that will improve the usability and adoption of the DSS.

9. Human Resources

Management Summary

Twelve new employees and two new contractors were hired in February.

Total new employees hired for 2004 is 14; total new contractors hired is 6.

There was one termination in February.

A total of 20 interviews (for both employee and contractor positions) were conducted in February. From these interviews, four external offers were made (three direct hire, one contractor), all accepted.

The Web-based Safety and Code of Conduct recertification course was tested and updated, with rollout scheduled for the first week of March.

Work is continuing on market training programs for the SMD2/RTS Energy Management System implementation to be delivered this spring.

The third quarter review of the NYISO Management Mentoring Program was conducted and results will be used to plan the next program.

Forty-four Power Plus Awards were awarded to employees in Corporate and Risk Management, IT, Market Services, Finance and Operations.

Look Ahead

The 2004 Learning Connection and Organizational Excellence program is being developed for delivery to NYISO employees and managers.

DEPARTMENT	Current Staff 02/29/2004	Current Openings	Total Budgeted Employees 12/31/2004
Executive	2	1	3
Finance	30	5	35
Human Resources	14	1	15
Information Systems	110	21	131
Market Services	44	3	47
Operations	73	0	73
Strategic Planning	14	0	14
MMU & Business Planning	39	3	42
Government Affairs & Comm. Communications	2 3	1 1	3 4
General Counsel Regulatory Affairs	7 4	0 1	7 5
Administration & Compliance	19	0	19
Total	361	37	398

10. Government Affairs and Communications

Management Summary

Media Inquires and News Releases:

The NYISO managed 30 inquiries and issued 2 news releases

Feb 17 "FERC Approves NYISO's SMD2 Project..."
Feb 19 "NYISO Receives Second Straight Positive Audit..."

Interviews & Presentations:

Feb 1 Interview, Columbia University
Feb 24 New Employees/ Orientation

Tours:

Feb 4 New Millennium
Feb 24 New Employees
Feb 25 Korean Power Exchange
Feb 26 J. Power, Japan
Feb 27 Department of Energy, Govt. Of Nova Scotia

Internal Communications:

Web Site: 189 postings were added to the site, and 19 Webmaster and 36 Portal requests were resolved.
"The Independent" was published and issued on Feb 25.

Look Ahead

Mar 1 Tour for Schenectady Amateur Radio Association (engineers and scientists from the Schenectady area)
Mar 10 New York Times TV control room video shoot
Mar 15 Tour, Henan Power Co. of China
Mar 15 Senate Energy Committee Presentation on Blackout
Mar 24 Tour, JP Morgan Chase
Apr 8 Tour, Tokyo Electric

11. Finance

Management Summary

Budget:

The 2003 unaudited budget vs. actual results indicate a spending underrun of \$1.3 million. An overcollection on load during 2003 also exists, bringing the total potential refund to Market Participants to \$2.2 million. The refund components were reviewed with the Budget, Standards, and Performance Subcommittee ("BSP") at their February 17 meeting. The 2003 underrun will be revisited with Market Participants and presented to the Board of Directors after the completion of the financial statement audit in April. Any refunds would be processed in the May-June timeframe to those Market Participants who contributed to Rate Schedule 1 during 2003.

Credit Department:

The Credit department continues its efforts to work with Market Participants to implement the FERC Order on Creditworthiness as it relates to collateral requirements.

The provisions of the Order related to working capital rebalancing are being assessed to Market Participants over a three-month period, beginning with the February 2004 consolidated invoices.

Market Settlements Activities:

The consolidated invoice issued in February 2004 represented the January 2004 Energy & ICAP charges, the January 2003, and September 2003 settlement adjustments, and the January 2002 final settlement.

Other Matters:

At the February 17 BSP meeting, a presentation was given on the status of the Rate Schedule 1 unbundling study. The presentation focused on initial recommendations for service categories.

FERC was onsite during February to conduct an audit of NYISO's compliance with FERC's accounting and reporting requirements and regulations. Similar audits of other ISOs/RTOs were also conducted. No audit report has been issued.

Deloitte & Touche began year-end fieldwork for the 2003 financial statement audit on February 23.

Look Ahead

The next BSP meeting is scheduled for March 19 at Con Ed. The primary purpose of this meeting will be to continue developing recommendations to unbundle Rate Schedule 1.

NYISO has filed a petition with the Public Service Commission seeking approval of a new \$100 million financing covering anticipated needs for 2004 – 2006. The Public Service Commission is expected to rule on this filing on March 16. Closing for this new loan would occur shortly thereafter.

Attachments

- Attachment 11-A, NYISO Budget vs. Actual Analysis
- Attachment 11-B, Gross Revenue – Energy Market
- Attachment 11-C, Market Participant Energy Billings – Receivables
- Attachment 11-D, Market Participant Energy Billings – Payables

12. Administration and Compliance

Management Summary

Facilities and Security:

The Town of Guilderland has issued a building permit for construction of the Guard Tower and lobby renovations at the Carman Road facility. Fred Liebi has been working with the Contractor's and the NYISO to develop a new scope of work for completion of the Security Upgrades. Facilities is heading a committee to work with NOVA Engineering on a Lightning Protection plan, with a draft report due in early March. Facilities is also leading the Mechanical and Electrical subcommittee that is working with RE Lamb on the Phase II design on the new facility project.

NYISO's Security Consultant, Ralph Earl Associates, Inc. has provided commentary on NYISO utilization of the Guard Force.

NYISO has entered into an Agreement with Hinman Consulting Engineers to provide specifications on equipment for exterior site modifications.

Project plans for the expansion of the guard force in order to include all NYISO facilities on a 24/7 basis has been created.

The NYISO Training Department has deployed a computer based compliance training program that includes a security component prepared with the participation of Security Staff.

Contract Administration:

All "routine" contractual duties continue to be supplemented by the efforts to support the PCC renovation and the new facility planning. Placement of contracts for security consultants, facility engineering consultants, and new facility planning; continue to meet the required time schedules.

Request for Proposal support, development and review of a Scope of Work, and contractual compliance elements are critical support tasks that are actively addressed across all departments as requests are brought forward or needs are identified. These support efforts continue to meet or exceed schedules.

Project Management:

In February there were two major project deployments:

A649 Oracle 9i Upgrades

- The BAS Database was successfully upgraded to Oracle 9i on February 11.
- Two additional Oracle upgrades remain: Financials and MMRD.

A686 Allocations Adjustments (EDRP, TSA, QSR)

- The project was deployed successfully on February 19.

The table below summarizes the number of projects currently defined in the projects portfolio.

Project Category	Previously Scheduled ¹	Completed	Added	Currently Scheduled ²
Priority Projects	40	1	0	39
Studies and Training	22	6	0	16
Total	62	7	0	55

Notes: ¹ Previously Scheduled – reflects status as of the Feb. 9
² Currently Scheduled - reflects status as of Mar. 8

Projects that were completed, initiated, deferred or reassigned

Projects Completed	
A559	SMD2 Integration (EAI Phase II)
A213	Class 2002 Cost Allocation
A681	Class 2003 Cost Allocation (including ATBA and ATRA)
A653	SRIS / Global Winds Harvest Prattsburgh Project
A655	SRIS for the Bay Energy Project
A617	Develop Transfer Limits for 2002 MARS Study
A618	Develop Access to Historical System Data
Projects Added	
	None

Look Ahead

Facilities and Security:

Security Staff, working with the Consulting Engineers will review to specify the equipment to be used in the external facility modifications.

Project Management:

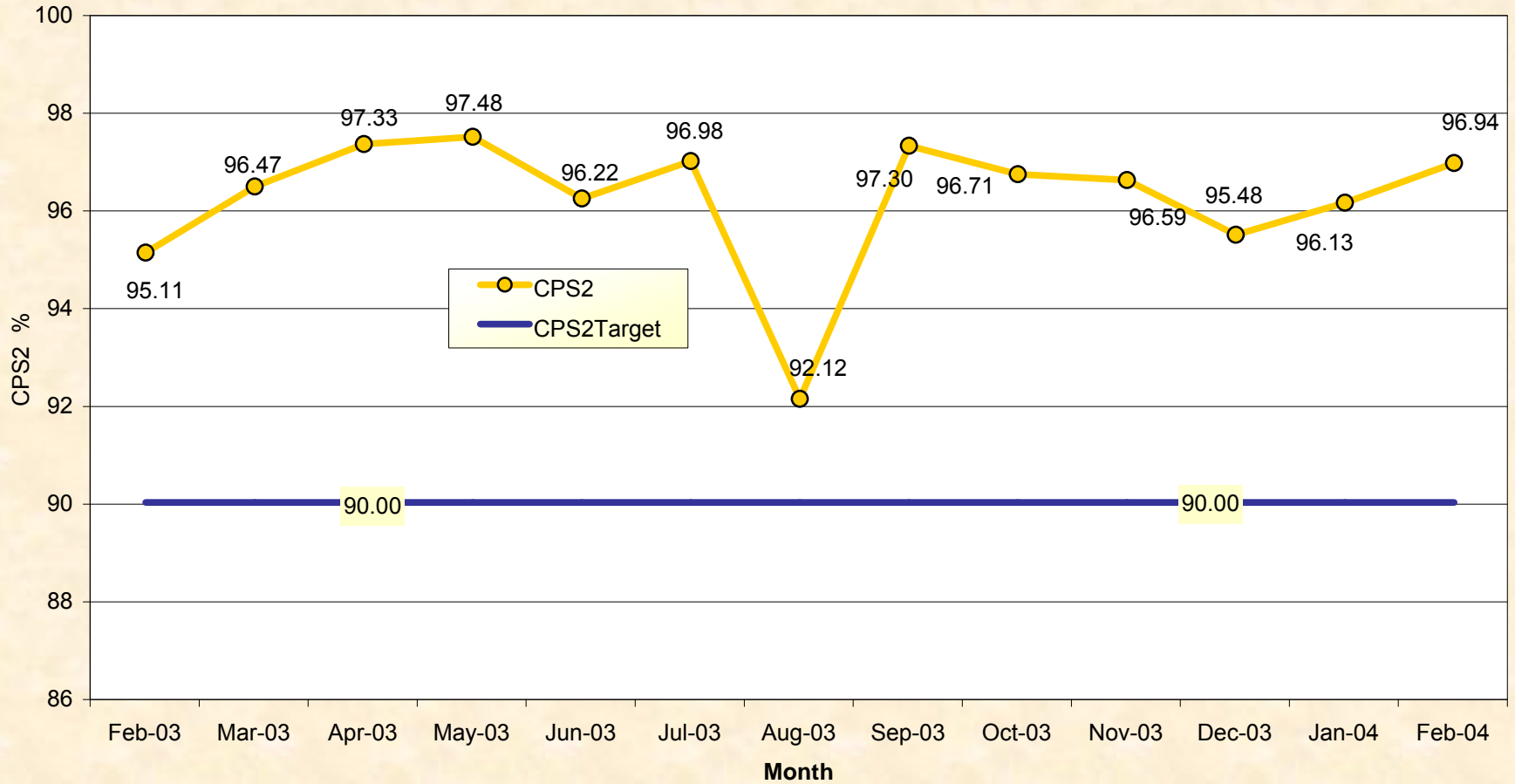
Planned project deployments in March include: A556 Documentum Implementation.

Attachments

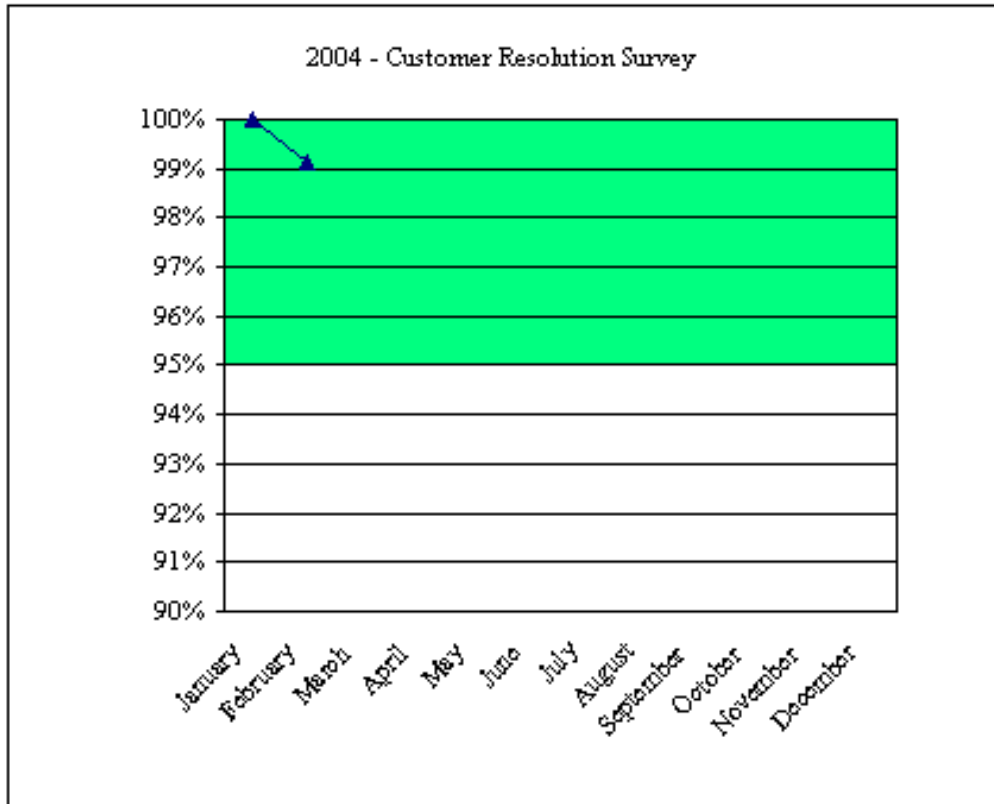
Attachment 12-A, Summary report - Status of Priority Projects
Attachment 12-B, Projects Portfolio

NERC Control Performance Standard

NYISO Compliance
Year 2003/2004

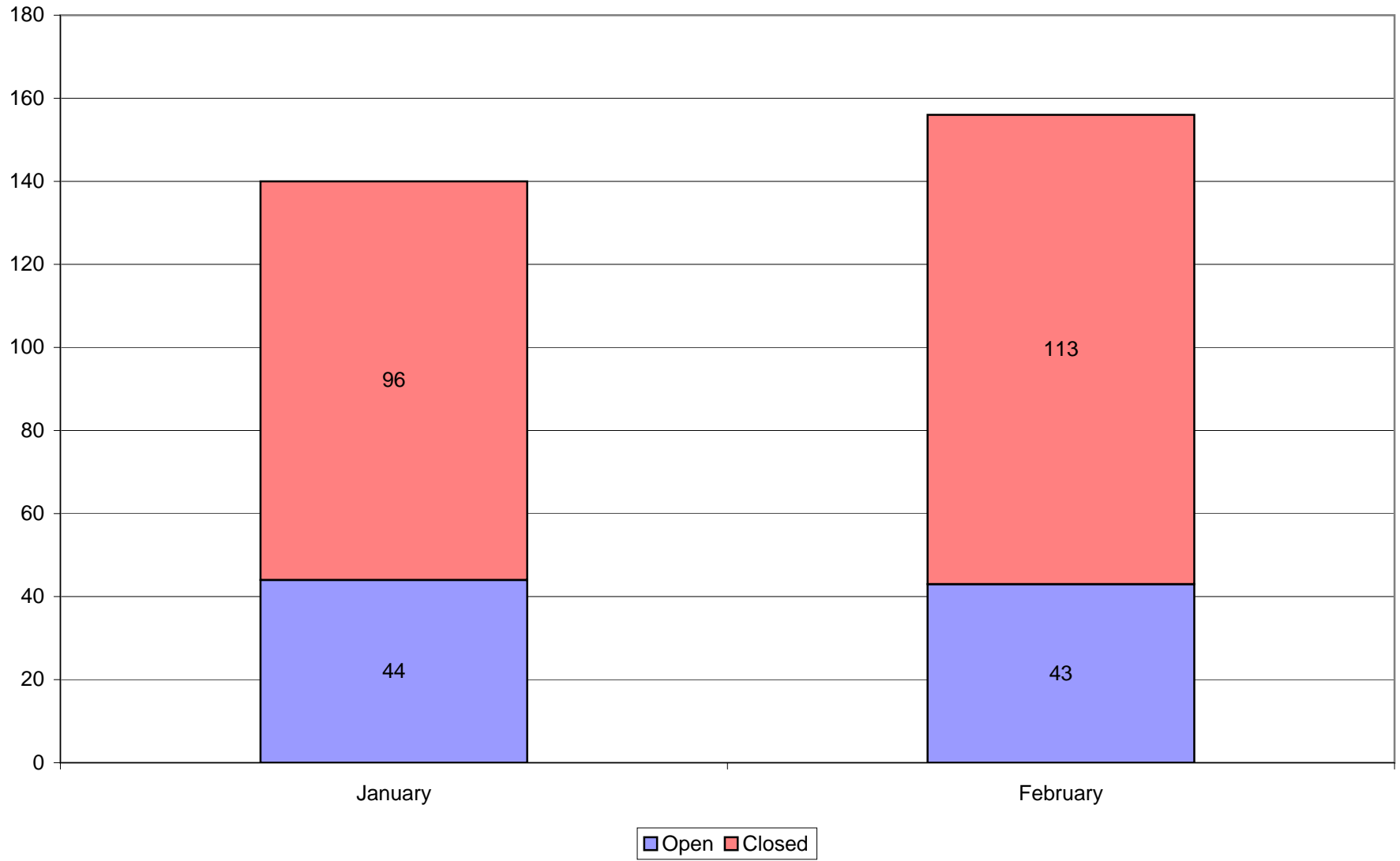


CPS2 for February = 96.94% Compliance Threshold = 90%
CPS2 measures excessive unscheduled power flow resulting from large Area Control Error (ACE)

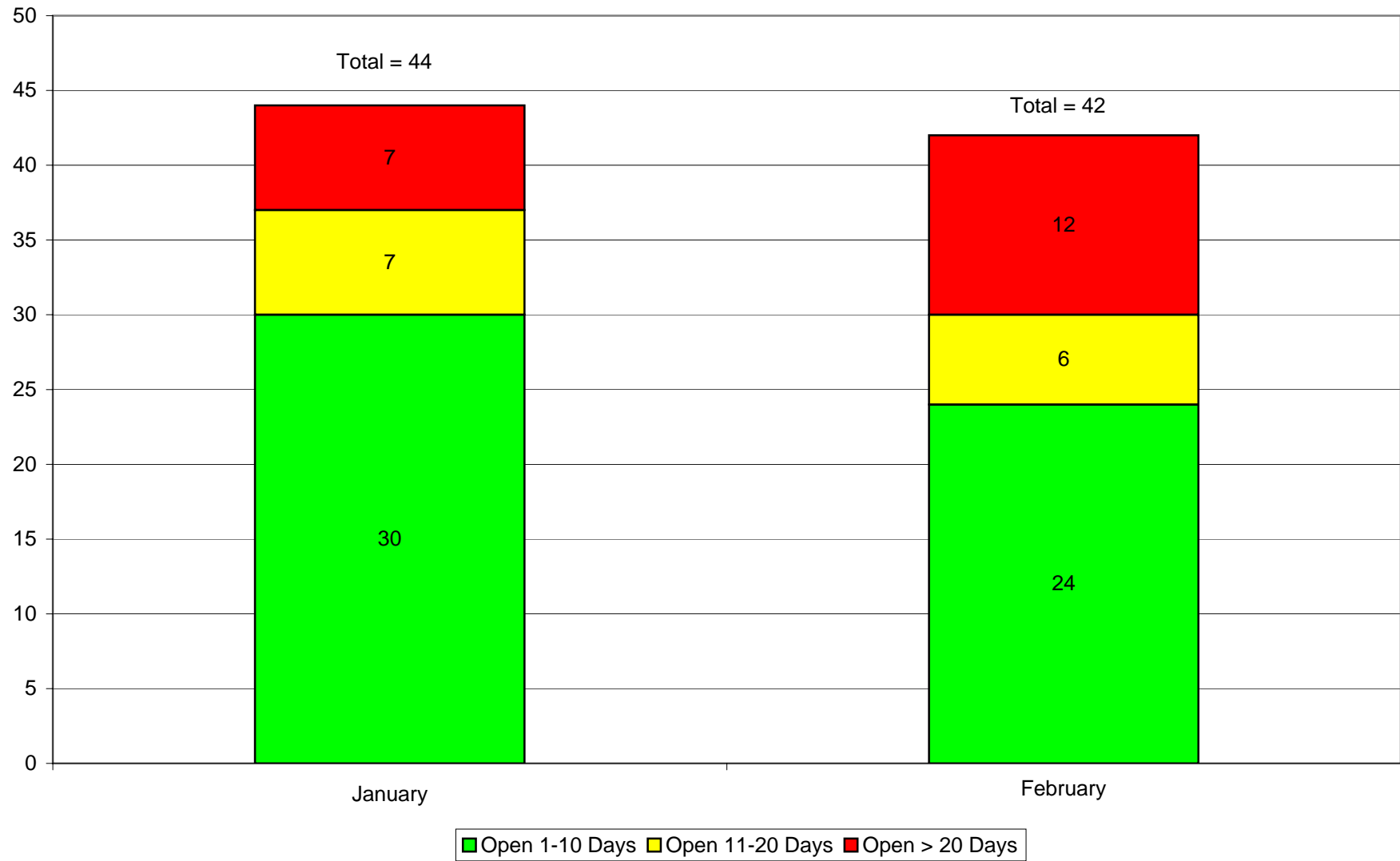


The Customer Resolution Survey Goal for 2004, has been set at 95%. For the month of February, 113 inquiries were sent out. One reply was received that the response was not timely. A 99.1% (superior) level was achieved for the month. For the period January-February, a total of 207 inquiries were sent out, one (1) customer indicated that the response was not timely. A 99.5% level was achieved.

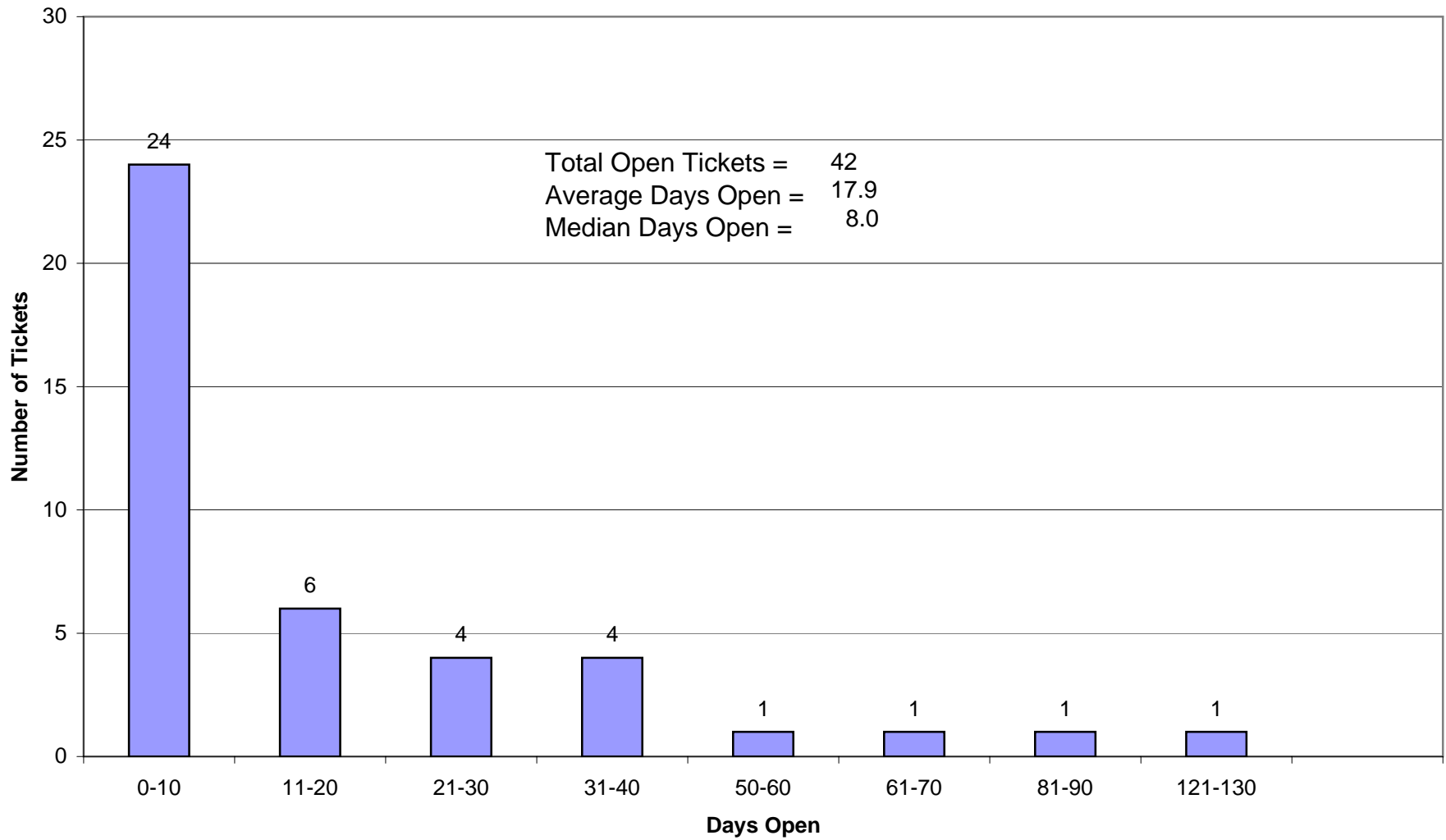
Tickets Open, Tickets Closed as of End of February, 2004



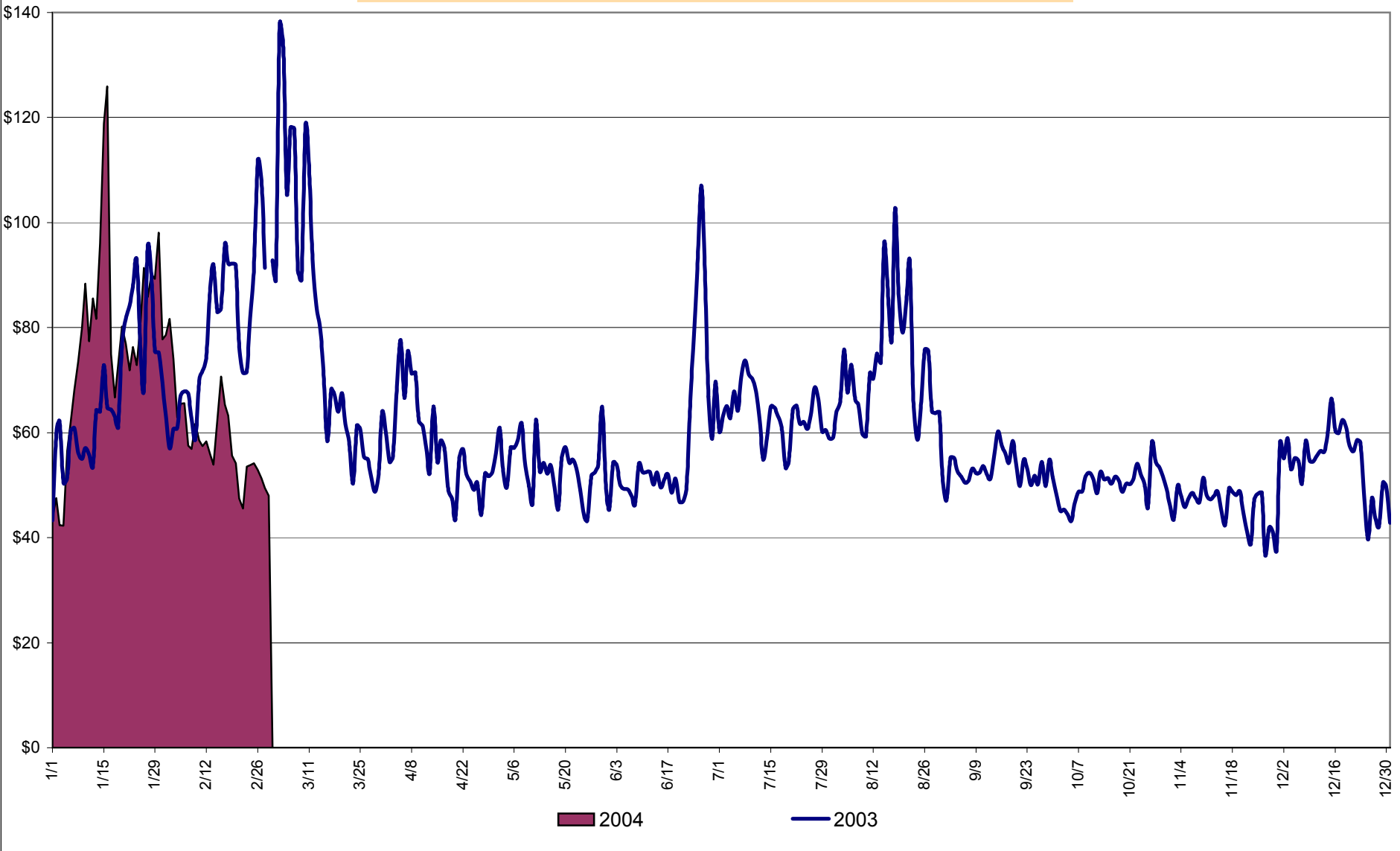
Open Tickets by Month February 2004



**Number of Tickets Open By Days
February 2004**



Daily NYISO Average Cost/MWH (Energy & Ancillary Services)*
2003 Annual Average \$62.35/MWH
February 2003 YTD Average \$74.00/MWH
February 2004 YTD Average \$70.60/MWH



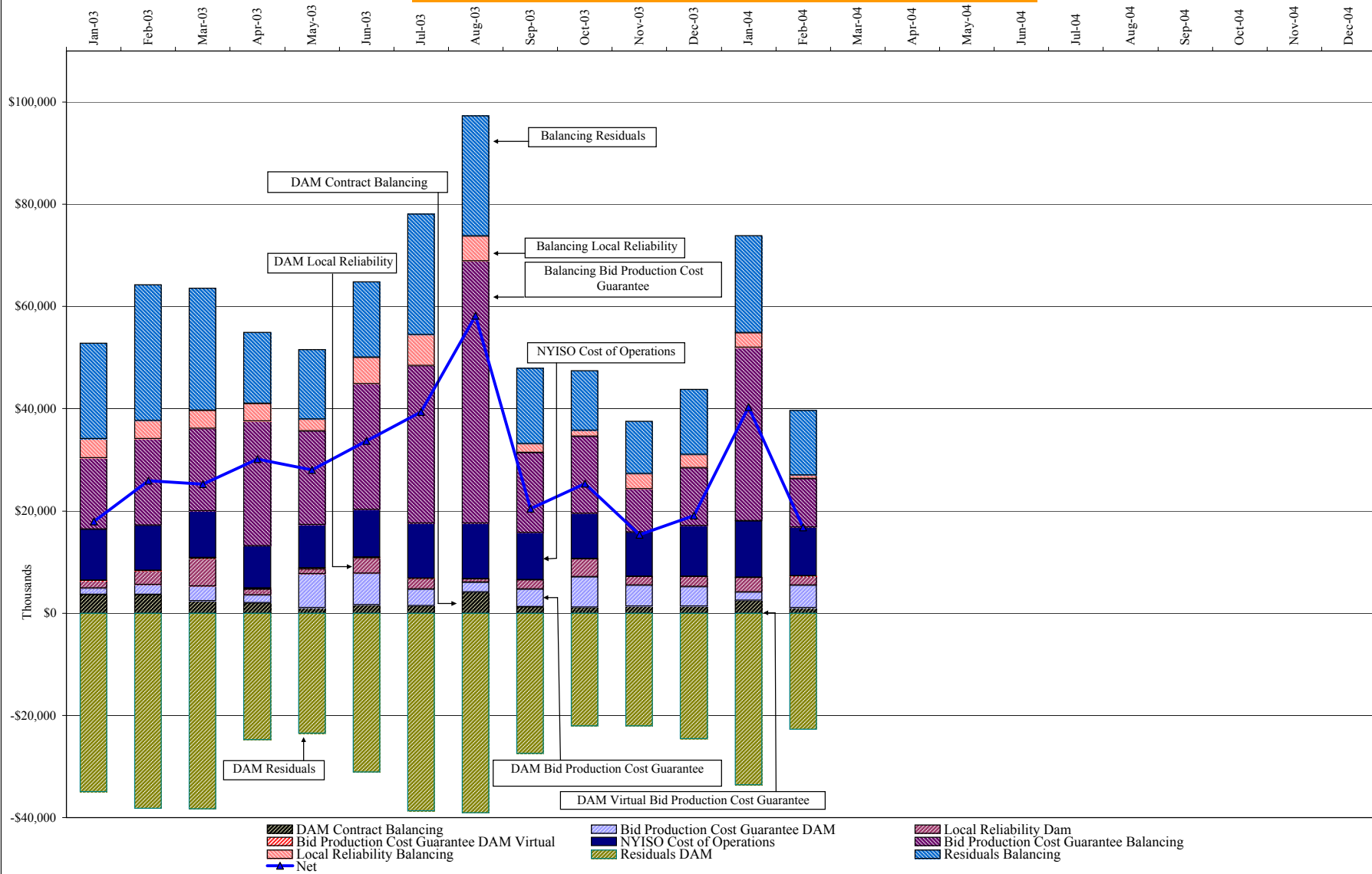
4-A

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

2004		January	February	March	April	May	June	July	August	September	October	November	December
	LBMP	75.70	57.11										
	NTAC	0.47	0.42										
	Reserve	0.27	0.14										
	Regulation	0.18	0.31										
	NYISO Cost of Operations	0.73	0.73										
	Uplift	1.88	0.47										
	Voltage Support and Black Start	<u>0.36</u>	<u>0.36</u>										
	Avg Monthly Cost	79.60	59.54										
	 Avg YTD Cost	79.60	70.60										

2003		January	February	March	April	May	June	July	August	September	October	November	December
	LBMP	66.33	76.59	78.37	54.27	49.76	57.37	60.11	68.14	50.83	47.05	43.39	52.41
	NTAC	0.41	0.36	0.66	0.45	0.44	0.39	0.53	0.36	0.24	0.29	0.51	0.36
	Reserve	0.46	0.35	0.45	0.39	0.47	0.24	0.15	0.22	0.13	0.10	0.18	0.16
	Regulation	0.26	0.28	0.38	0.31	0.65	0.31	0.19	0.18	0.32	0.51	0.43	0.25
	NYISO Cost of Operations	0.68	0.69	0.68	0.68	0.68	0.68	0.69	0.69	0.68	0.70	0.68	0.69
	Uplift	0.31	1.09	1.01	1.68	1.48	1.67	1.76	2.69	0.76	1.21	0.42	0.56
	Voltage Support and Black Start	<u>0.33</u>	<u>0.34</u>	<u>0.33</u>	<u>0.33</u>	<u>0.34</u>	<u>0.33</u>	<u>0.34</u>	<u>0.34</u>	<u>0.33</u>	<u>0.34</u>	<u>0.34</u>	<u>0.33</u>
	Avg Monthly Cost	68.79	79.71	81.88	58.13	53.82	61.00	63.77	72.61	53.30	50.20	45.95	54.76
	 Avg YTD Cost	68.79	74.00	76.59	72.20	68.80	67.42	66.76	67.68	66.14	64.66	63.10	62.37

NYISO Dollar Flows - Uplift - OATT Schedule 1 components



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

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

DAM residuals 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 2004	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWH	14,614,304	12,806,346										
DAM LSE Internal LBMP Energy Sales	52%	50%										
DAM External TC LBMP Energy Sales	4%	2%										
DAM Bilateral - Internal Bilaterals	41%	45%										
DAM Bilateral - Import/Non-LBMP Market Bilaterals	1%	1%										
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%										
DAM Bilateral - Wheel Through Bilaterals	1%	1%										
Balancing Energy Market MWH	367,460	269,220										
Balancing Energy LSE Internal LBMP Energy Sales	66%	31%										
Balancing Energy External TC LBMP Energy Sales	57%	78%										
Balancing Energy Bilateral - Internal Bilaterals	-20%	0%										
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	1%										
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	0%	0%										
Balancing Energy Bilateral - Wheel Through Bilaterals	-4%	-11%										
Transactions Summary												
LBMP	58%	54%										
Internal Bilaterals	40%	44%										
Import Bilaterals	1%	1%										
Export Bilaterals	1%	1%										
Wheels Through	1%	0%										
Market Share of Total Load												
Day Ahead Market	97.5%	97.9%										
Balancing Energy †	2.5%	2.1%										
Total MWH	14,981,764	13,075,566										
Average Daily Energy Sendout/Month GWh	464	440										

Transactions by Market 2003

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	15,759,082	13,003,309	12,507,780	12,332,456	13,973,266
DAM LSE Internal LBMP Energy Sales	46%	48%	46%	49%	46%	48%	55%	57%	49%	48%	47%	48%
DAM External TC LBMP Energy Sales	1%	1%	1%	1%	2%	2%	1%	0%	1%	2%	2%	2%
DAM Bilateral - Internal Bilaterals	50%	49%	50%	46%	49%	46%	43%	40%	48%	47%	48%	46%
DAM Bilateral - Import/Non-LBMP Market Bilaterals	1%	1%	1%	1%	0%	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%	1%
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	2%	2%	2%	1%	1%	1%	1%	1%	2%
Balancing Energy Market MWH	347,539	285,381	376,222	235,800	278,939	291,519	208,142	-55,913	394,363	338,562	319,065	385,707
Balancing Energy LSE Internal LBMP Energy Sales	58%	35%	52%	72%	48%	39%	53%	-146%	65%	53%	26%	43%
Balancing Energy External TC LBMP Energy Sales	58%	80%	95%	73%	69%	78%	79%	242%	44%	61%	77%	68%
Balancing Energy Bilateral - Internal Bilaterals	-6%	-10%	-2%	0%	-5%	5%	-2%	-75%	1%	3%	0%	-2%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	4%	1%	1%	1%	1%	0%	0%	2%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	0%	0%	-38%	0%	0%	0%	0%	-14%	0%	0%	0%	0%
Balancing Energy Bilateral - Wheel Through Bilaterals	-14%	-7%	-8%	-46%	-14%	-23%	-31%	-109%	-10%	-16%	-3%	-9%
Transactions Summary												
LBMP	49%	50%	49%	52%	49%	52%	56%	58%	51%	52%	51%	52%
Internal Bilaterals	48%	47%	48%	45%	48%	46%	42%	40%	46%	46%	47%	45%
Import Bilaterals	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
Export Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Wheels Through	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%	1%	2%
Market Share of Total Load												
Day Ahead Market	97.6%	97.8%	97.2%	98.1%	97.7%	97.9%	98.7%	100.4%	97.1%	97.4%	97.5%	97.3%
Balancing Energy †	2.4%	2.2%	2.8%	1.9%	2.3%	2.1%	1.3%	-0.4% *	2.9%	2.6%	2.5%	2.7%
Total MWH	14,535,291	12,981,249	13,502,785	12,233,455	12,308,392	13,633,350	15,652,999	15,703,169	13,397,672	12,846,342	12,651,521	14,358,973
Average Daily Energy Sendout/Month GWh	458	450	418	393	382	432	497	498	433	397	402	435

† 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 2004 Energy Statistics

	January	February	March	April	May	June	July	August	September	October	November	December
<u>DAY AHEAD LBMP</u>												
Price *	\$72.12	\$55.31										
Standard Deviation	\$25.99	\$14.40										
Load Wtg.Price **	\$75.01	\$56.90										
<u>BME *** LBMP</u>												
Price *	\$77.51	\$54.41										
Standard Deviation	\$37.54	\$15.73										
Load Wtg.Price **	\$80.51	\$55.89										
<u>REAL TIME LBMP</u>												
Price *	\$73.72	\$52.95										
Standard Deviation	\$32.61	\$15.04										
Load Wtg.Price **	\$76.85	\$54.33										
Average Daily Energy Sendout/Month GWh	464	440										

NYISO Markets 2003 Energy Statistics

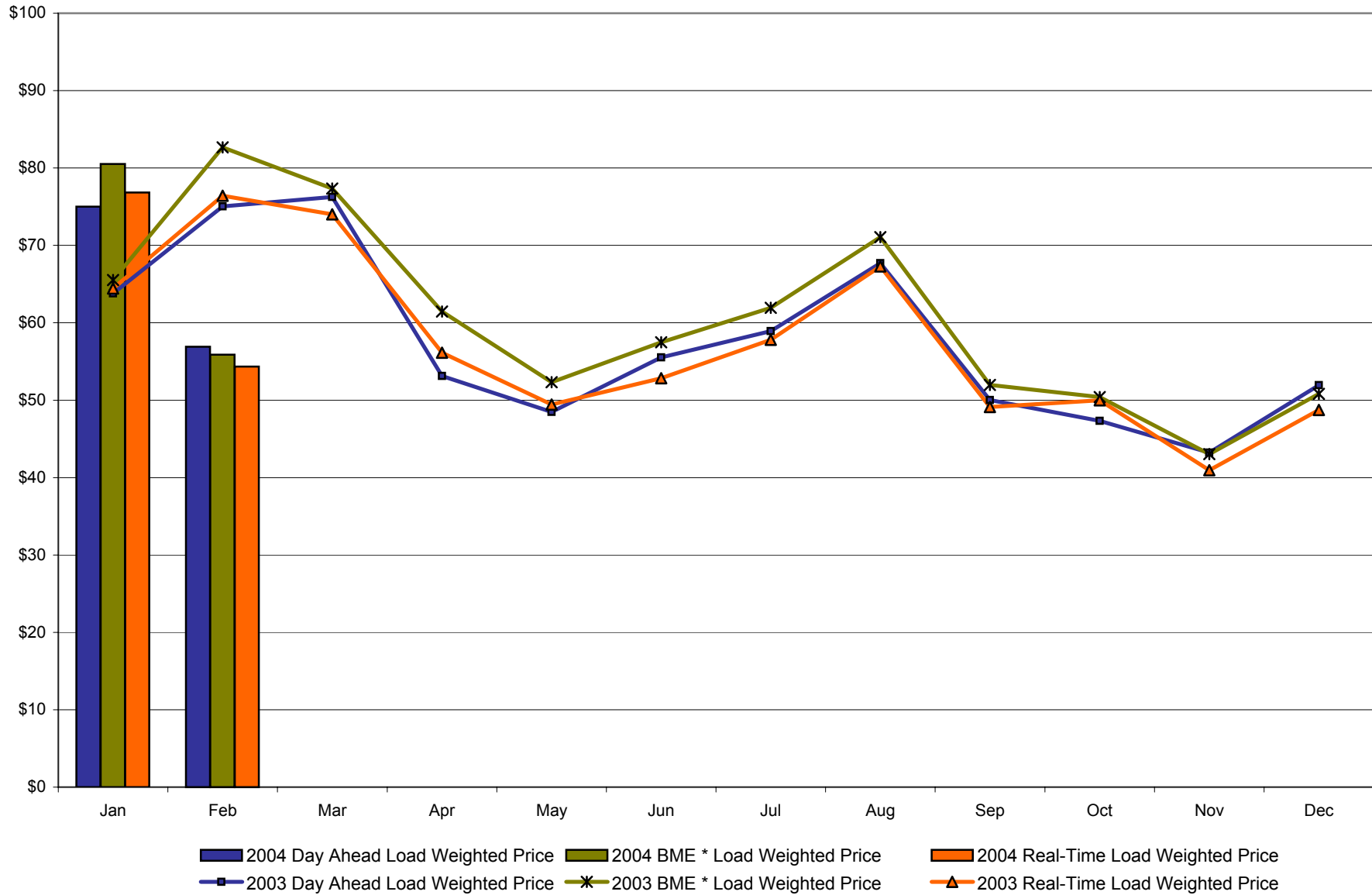
	January	February	March	April	May	June	July	August	September	October	November	December
<u>DAY AHEAD LBMP</u>												
Price *	\$61.33	\$72.81	\$73.18	\$51.58	\$46.43	\$51.45	\$57.10	\$64.94	\$48.29	\$45.81	\$41.58	\$50.07
Standard Deviation	\$20.09	\$21.12	\$29.70	\$12.47	\$14.03	\$21.27	\$11.88	\$18.06	\$11.04	\$10.91	\$12.06	\$14.92
Load Wtg.Price **	\$63.81	\$75.03	\$76.25	\$53.14	\$48.47	\$55.52	\$58.93	\$67.71	\$50.02	\$47.34	\$43.21	\$51.95
<u>BME *** LBMP</u>												
Price *	\$63.19	\$80.25	\$74.27	\$59.22	\$50.27	\$53.84	\$59.99	\$67.63	\$50.34	\$48.74	\$41.01	\$48.73
Standard Deviation	\$25.43	\$41.53	\$32.77	\$25.00	\$16.37	\$22.27	\$14.82	\$72.20	\$14.01	\$15.35	\$18.51	\$18.89
Load Wtg.Price **	\$65.54	\$82.65	\$77.33	\$61.45	\$52.31	\$57.49	\$61.94	\$71.07	\$51.96	\$50.39	\$43.05	\$50.81
<u>REAL TIME LBMP</u>												
Price *	\$61.53	\$74.03	\$70.54	\$53.94	\$46.74	\$48.96	\$55.94	\$64.32	\$47.24	\$48.57	\$38.72	\$46.45
Standard Deviation	\$30.16	\$37.46	\$37.97	\$28.70	\$23.03	\$21.57	\$13.68	\$34.91	\$15.52	\$25.74	\$22.35	\$20.55
Load Wtg.Price **	\$64.43	\$76.41	\$74.02	\$56.14	\$49.44	\$52.82	\$57.79	\$67.27	\$49.12	\$49.98	\$40.96	\$48.73
Average Daily Energy Sendout/Month GWh	458	450	418	393	382	432	497	498	433	397	402	435

* Average zonal load weighted prices

** Average zonal load weighted prices, load weighted in each hour

*** Commonly referred to as Hour Ahead Market (HAM)

**NYISO Monthly Average Internal LBMPs
2003 - 2004**



* Commonly referred to as Hour Ahead Market (HAM)

4-F

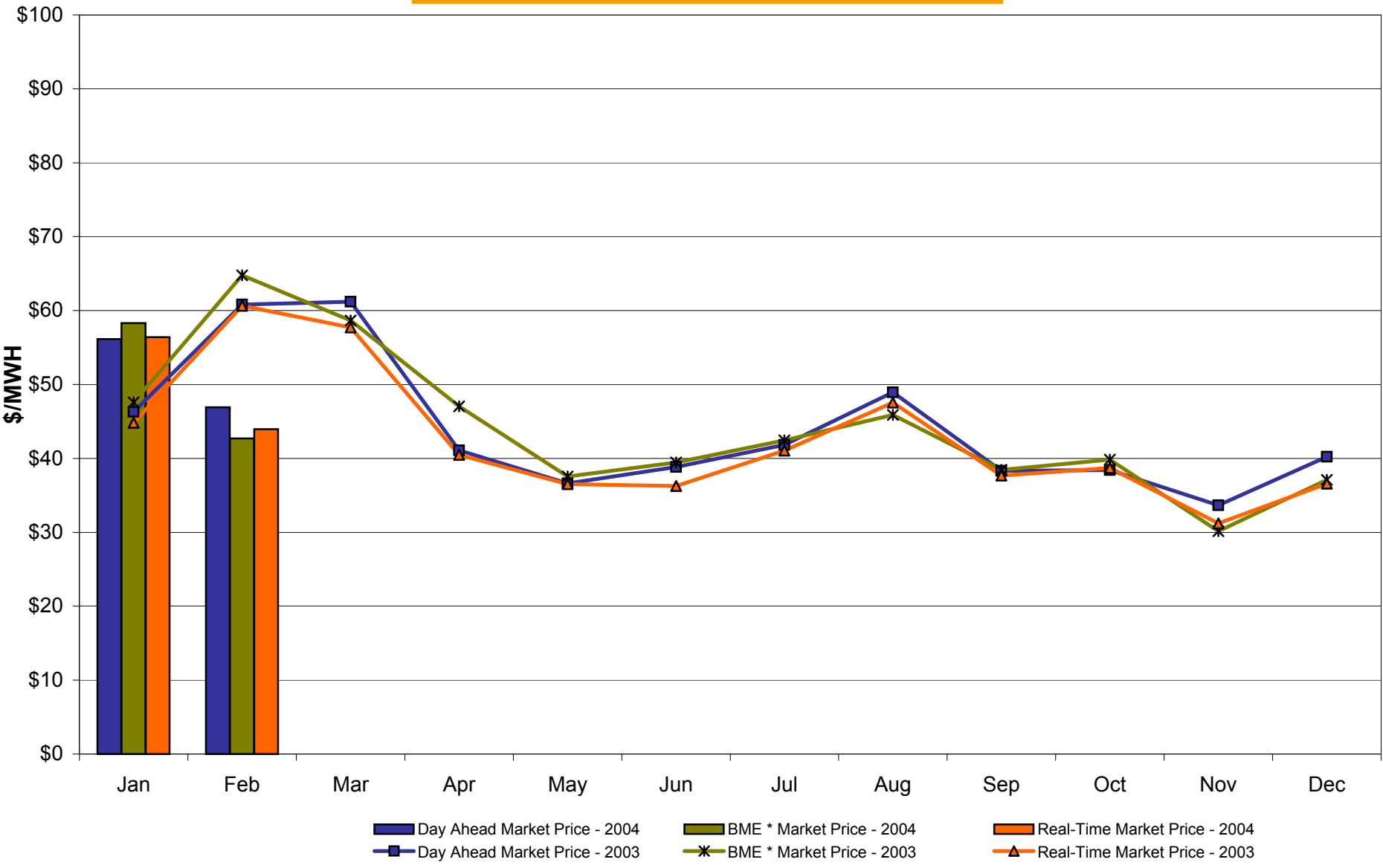
February 2004 Zonal Statistics for NYISO (\$/MWH)

	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
<u>DAY AHEAD LBMP</u>											
Unweighted Price *	46.93	49.34	50.24	49.03	50.99	52.55	52.38	52.57	53.29	62.97	60.45
Standard Deviation	10.77	11.14	10.89	11.14	11.50	11.89	11.90	11.98	12.17	22.02	15.97
<u>BME ** LBMP</u>											
Unweighted Price *	42.71	43.75	46.82	45.93	47.62	48.40	49.21	49.43	50.11	64.85	66.03
Standard Deviation	13.03	13.07	13.12	13.53	13.84	14.09	14.39	14.88	15.09	22.37	28.27
<u>REAL TIME LBMP</u>											
Unweighted Price *	43.95	46.55	46.94	45.77	47.74	49.58	48.19	48.92	49.70	61.27	58.61
Standard Deviation	12.99	13.39	13.54	13.37	13.83	14.14	14.30	14.60	14.85	20.85	19.76
	ONTARIO HYDRO Zone O	HYDRO QUEBEC Zone M	PJM Zone P	NEW ENGLAND Zone N							
<u>DAY AHEAD LBMP</u>											
Unweighted Price *	46.14	50.19	47.82	52.45							
Standard Deviation	10.35	10.82	11.97	11.91							
<u>BME ** LBMP</u>											
Unweighted Price *	41.89	48.14	44.64	48.69							
Standard Deviation	12.96	38.53	15.19	14.50							
<u>REAL TIME LBMP</u>											
Unweighted Price *	43.97	48.15	43.85	48.14							
Standard Deviation	13.38	38.67	14.13	14.19							

* Straight zonal LBMP averages

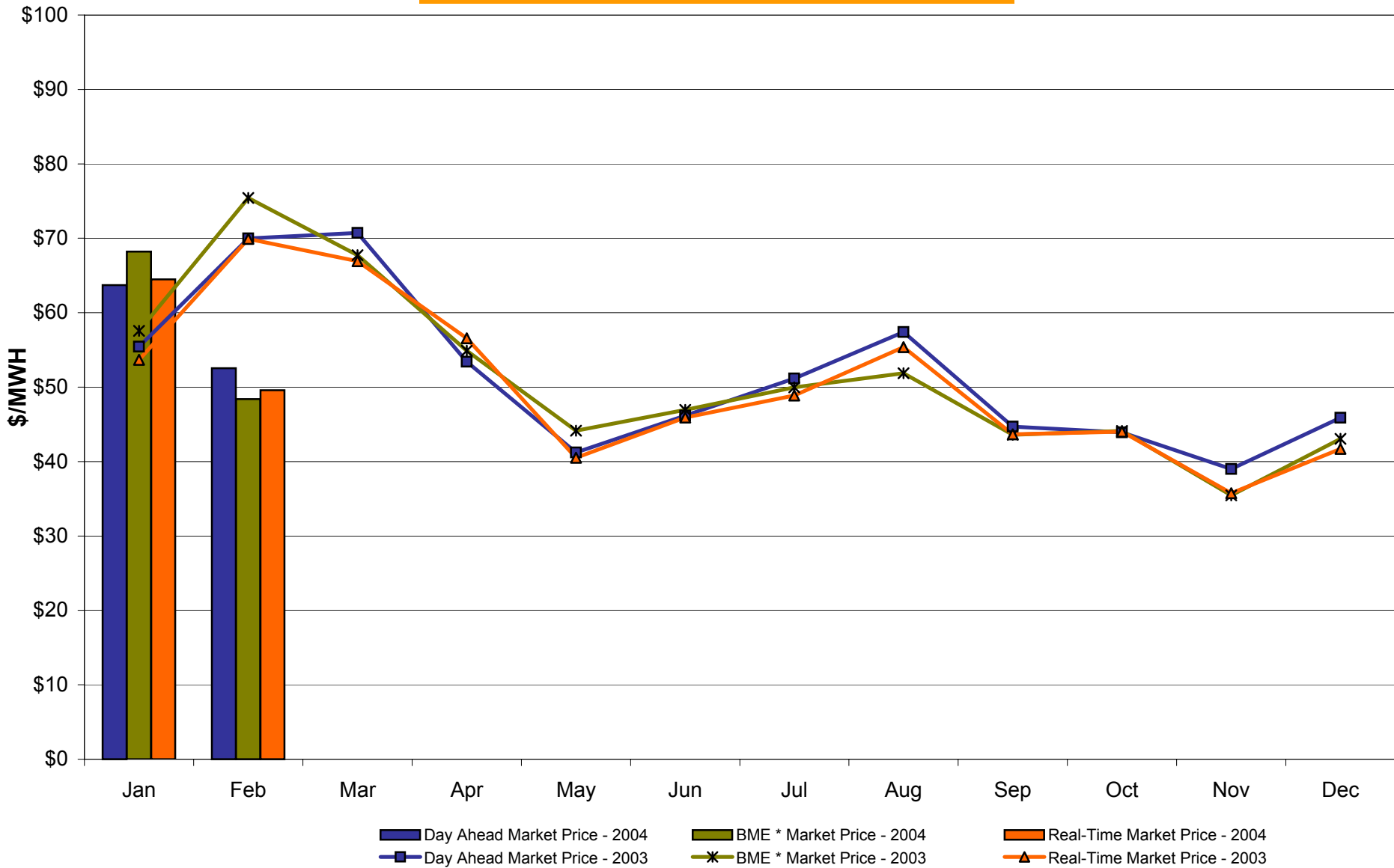
** Commonly referred to as Hour Ahead Market (HAM)

West Zone A Monthly Average LBMP Prices 2003 - 2004



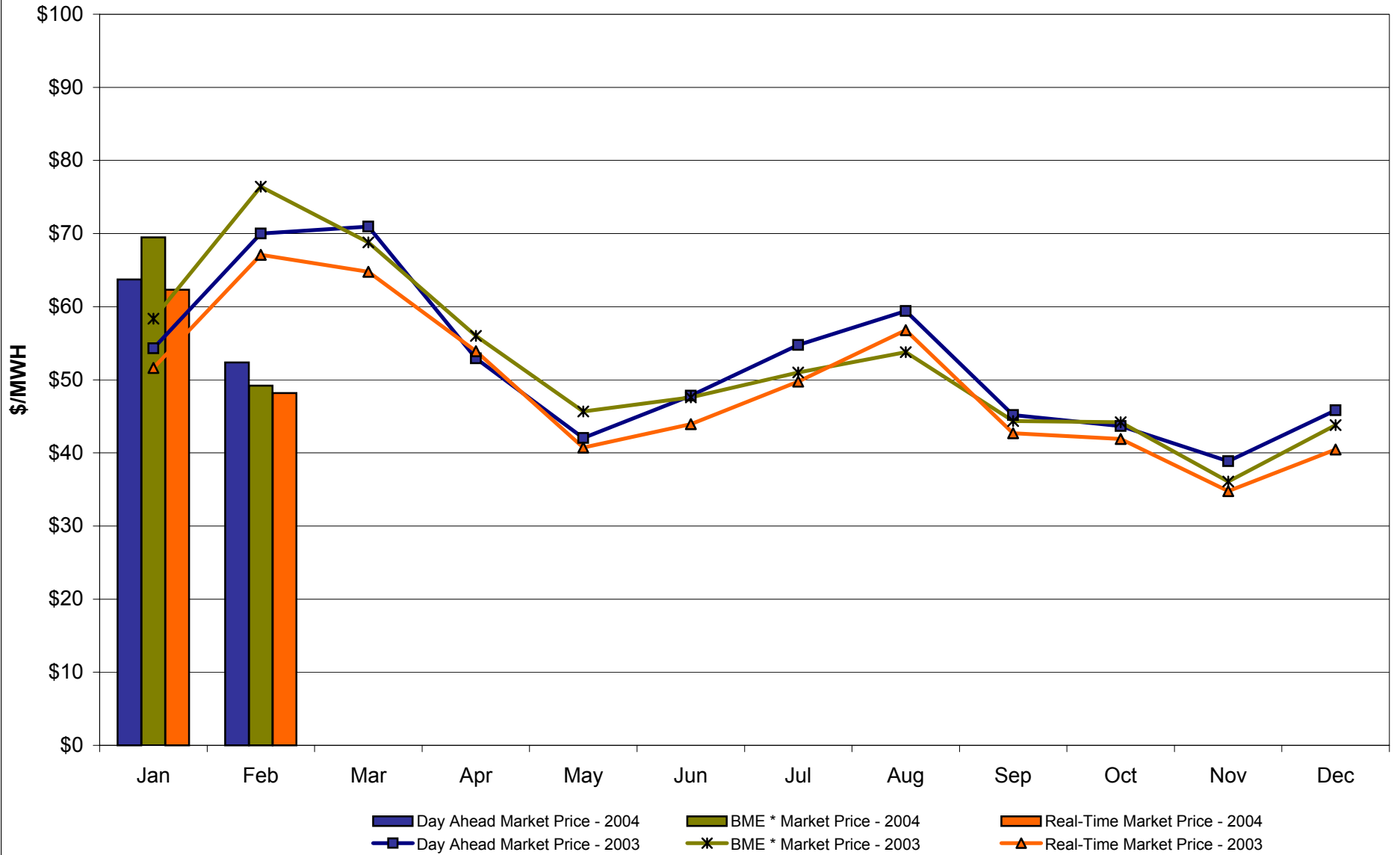
* Commonly referred to as Hour Ahead Market (HAM)

Capital Zone F Monthly Average LBMP Prices 2003 - 2004



* Commonly referred to as Hour Ahead Market (HAM)

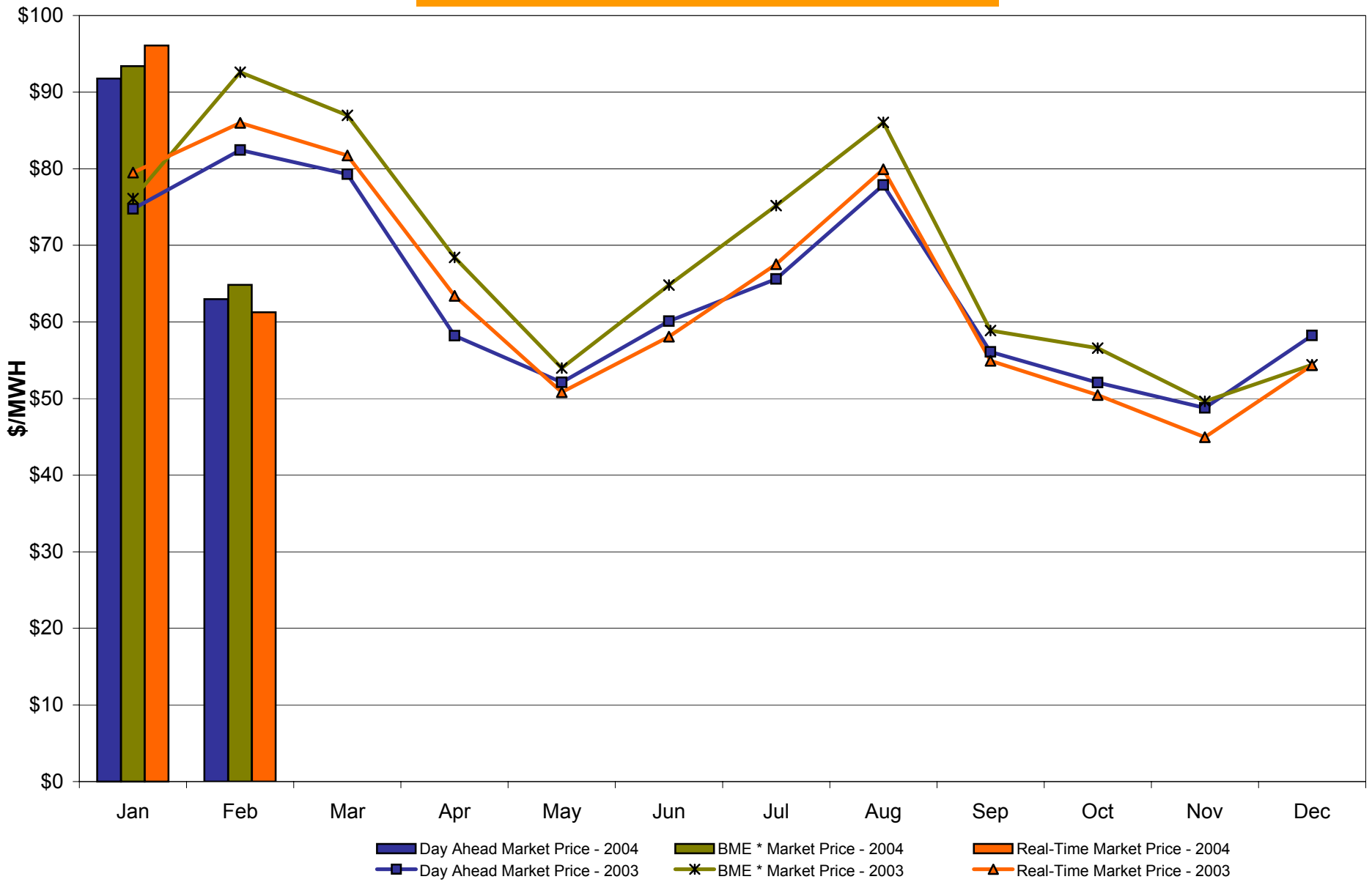
Hudson Valley Zone G Monthly Average LBMP Prices 2003 - 2004



4-J

* Commonly referred to as Hour Ahead Market (HAM)

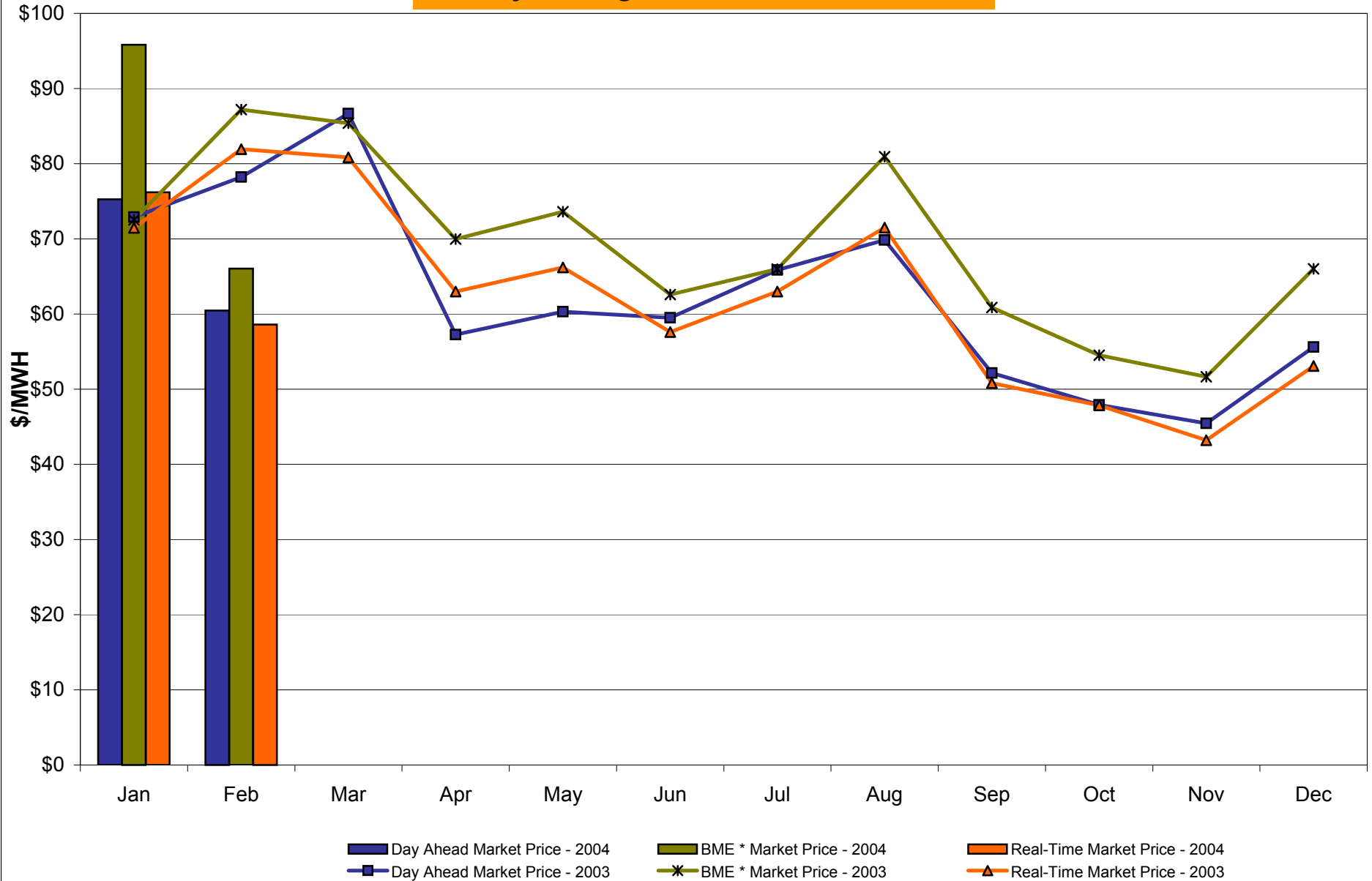
NYC Zone J Monthly Average LBMP Prices 2003 - 2004



4-K

* Commonly referred to as Hour Ahead Market (HAM)

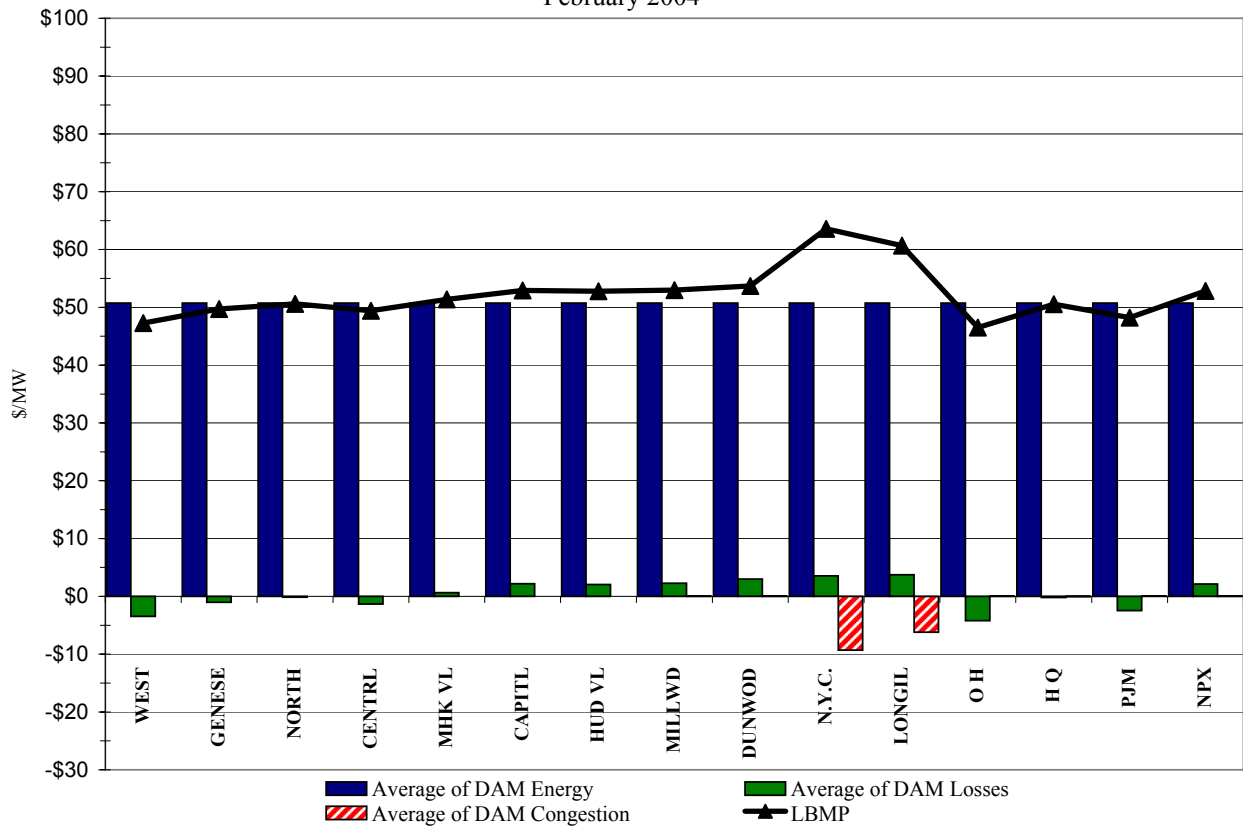
Long Island Zone K Monthly Average LBMP Prices 2003 - 2004



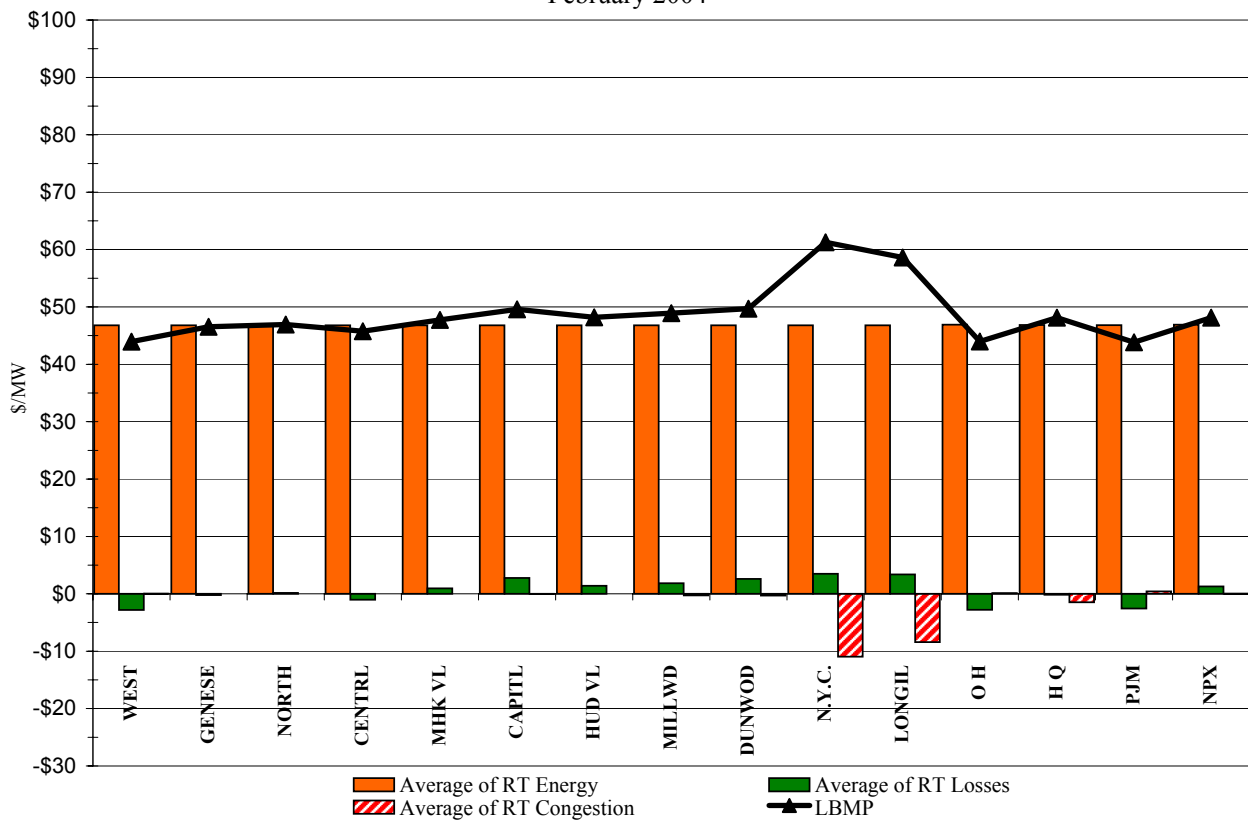
4-L

* Commonly referred to as Hour Ahead Market (HAM)

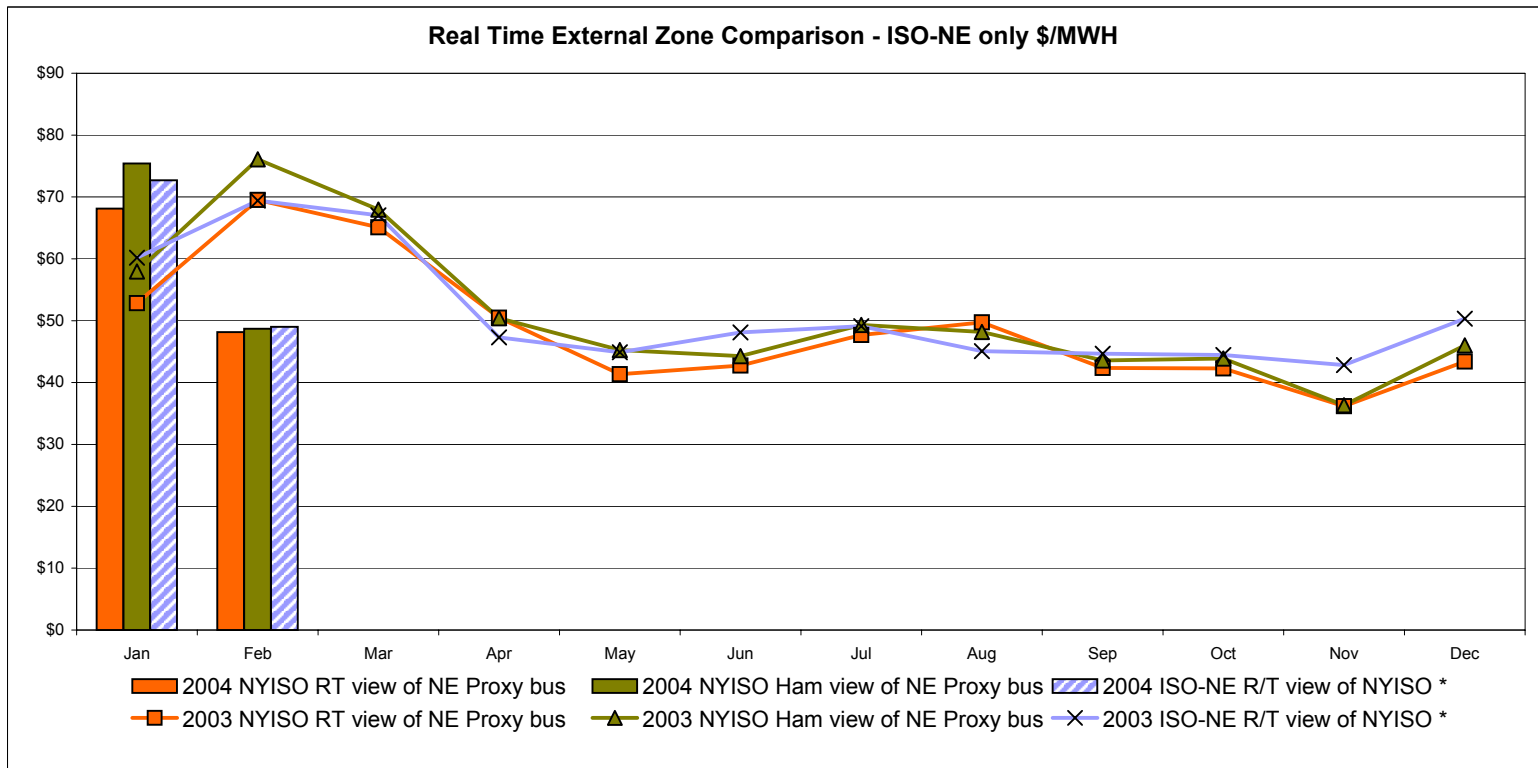
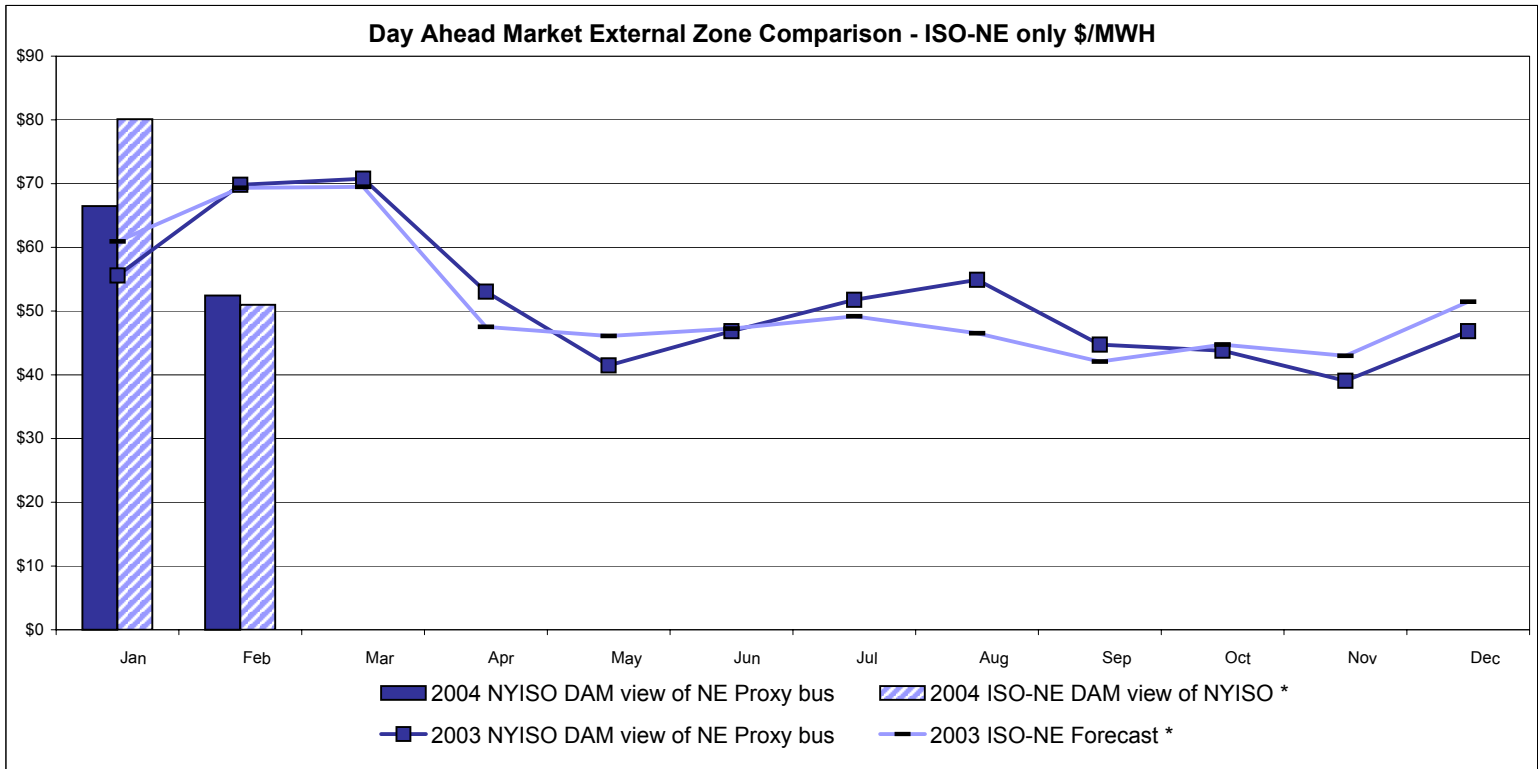
DAM Zonal Unweighted Monthly Average LBMP Components
February 2004



RT Zonal Unweighted Monthly Average LBMP Components
February 2004



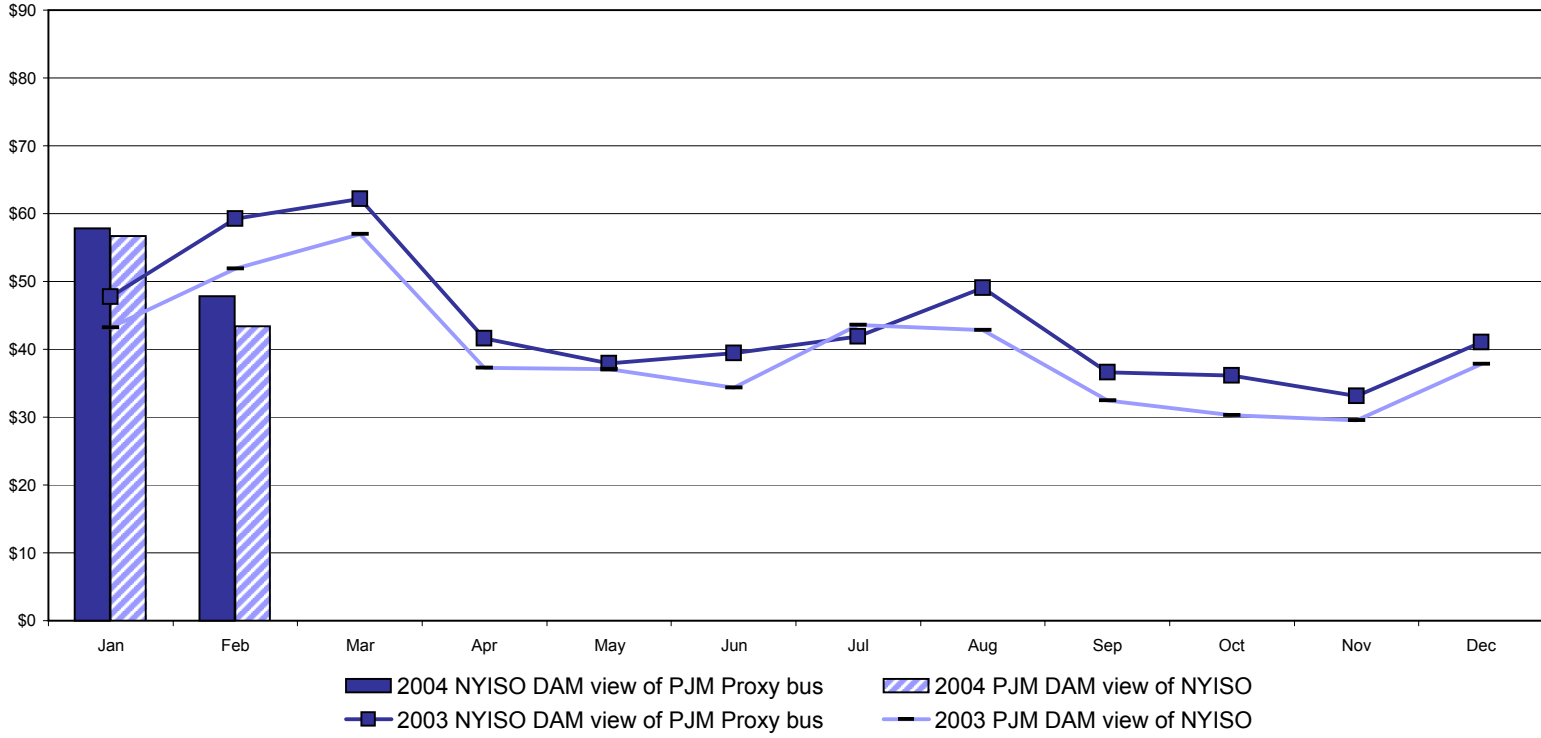
External Comparison ISO-NE



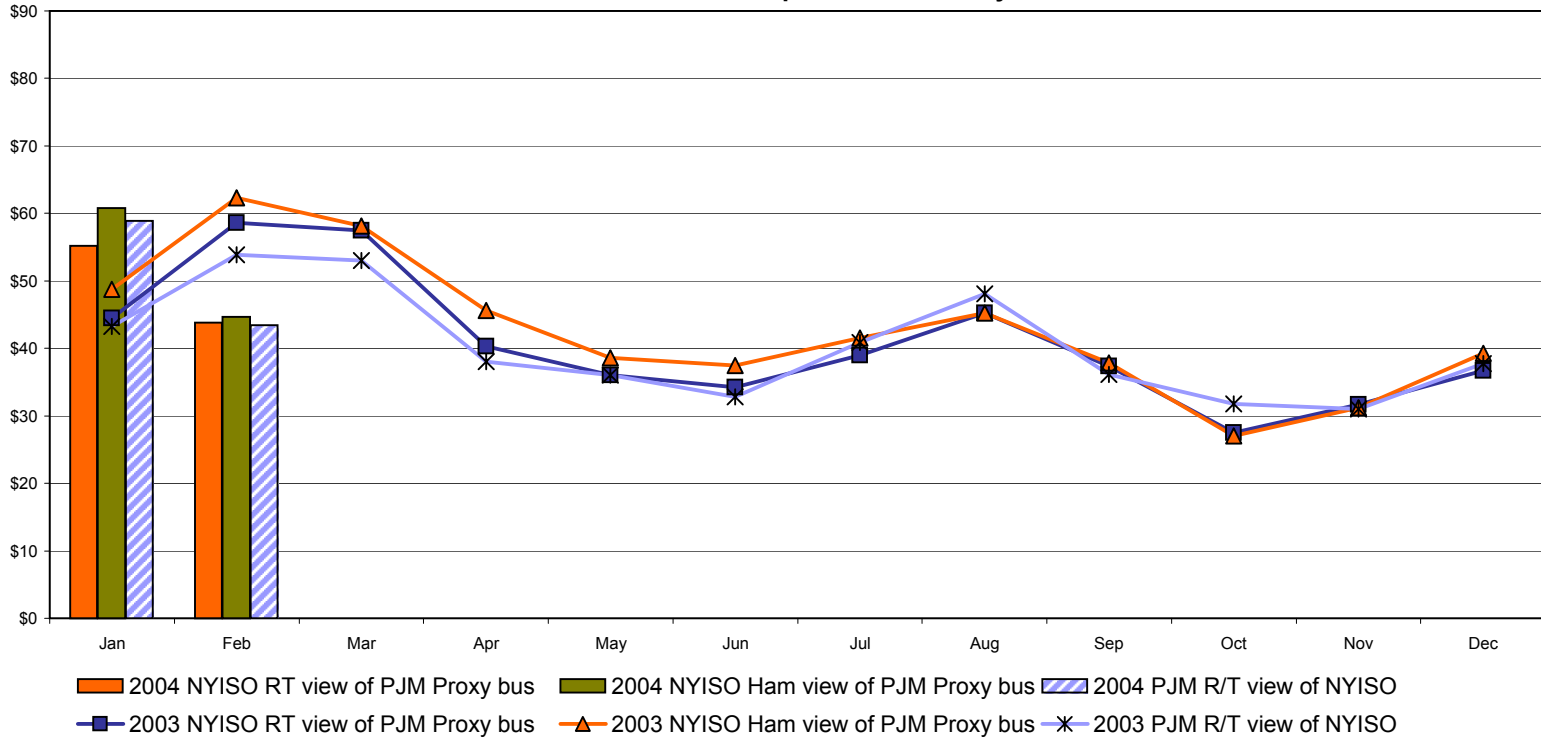
Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before
 * Effective 3/1/2003 SMD implemented by ISO-NE. The DAM and R/T prices at the Roseton interface are now used.

External Comparison PJM

Day Ahead Market External Zone Comparison - PJM only \$/MWH

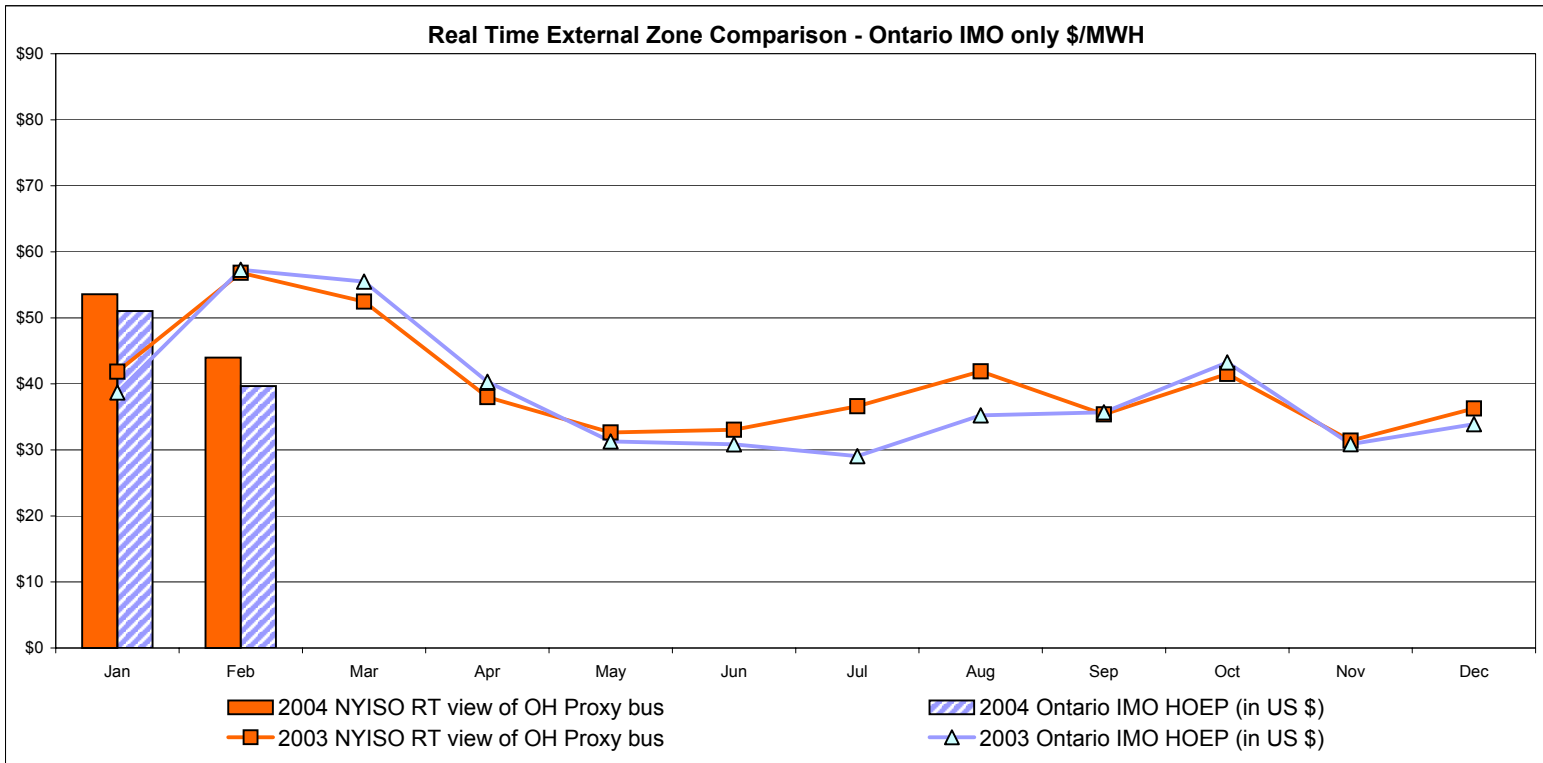
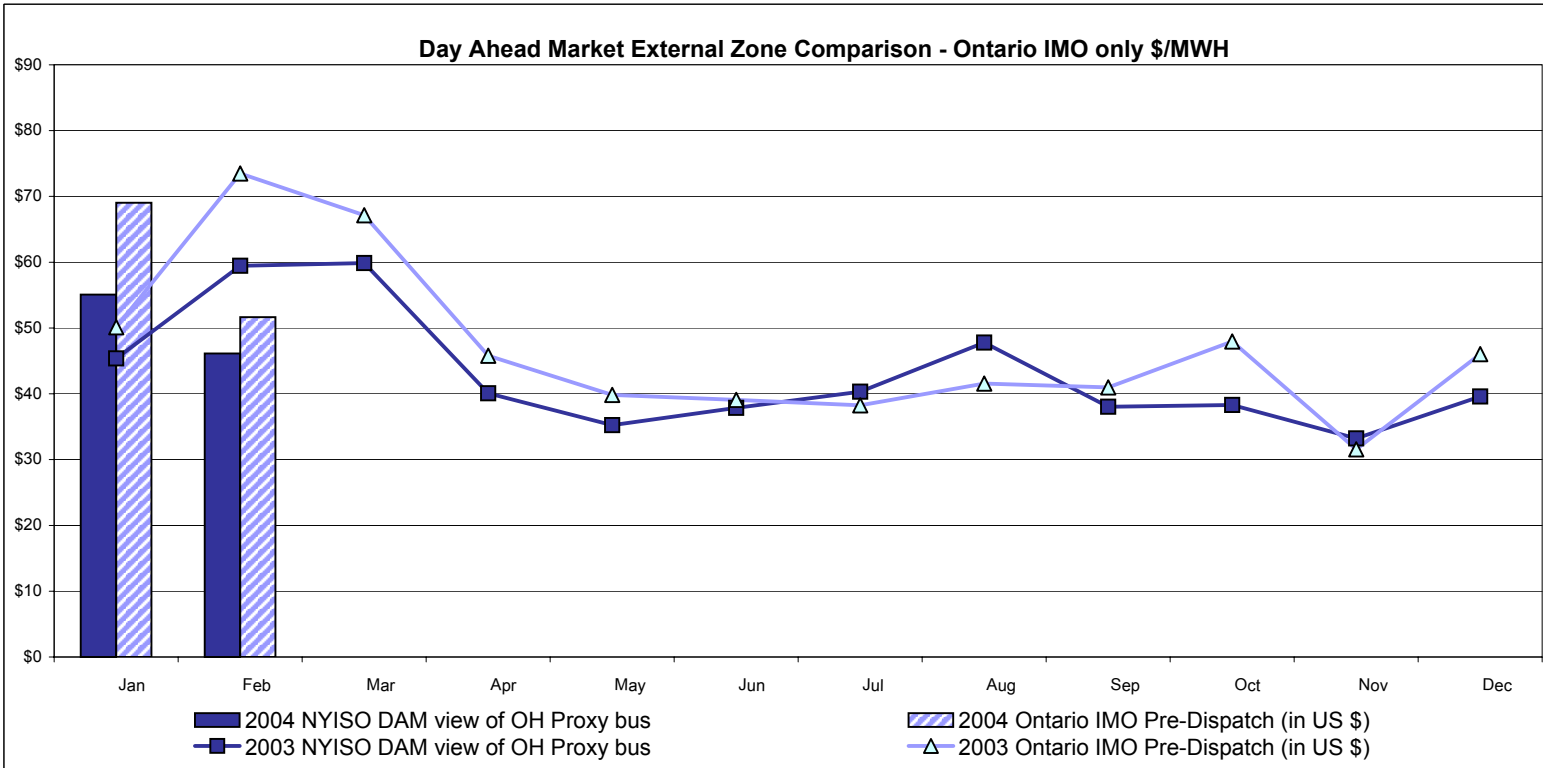


Real Time External Zone Comparison - PJM only \$/MWH



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

External Comparison Ontario IMO



Notes: Exchange factor used for February 2004 was .75 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 2004

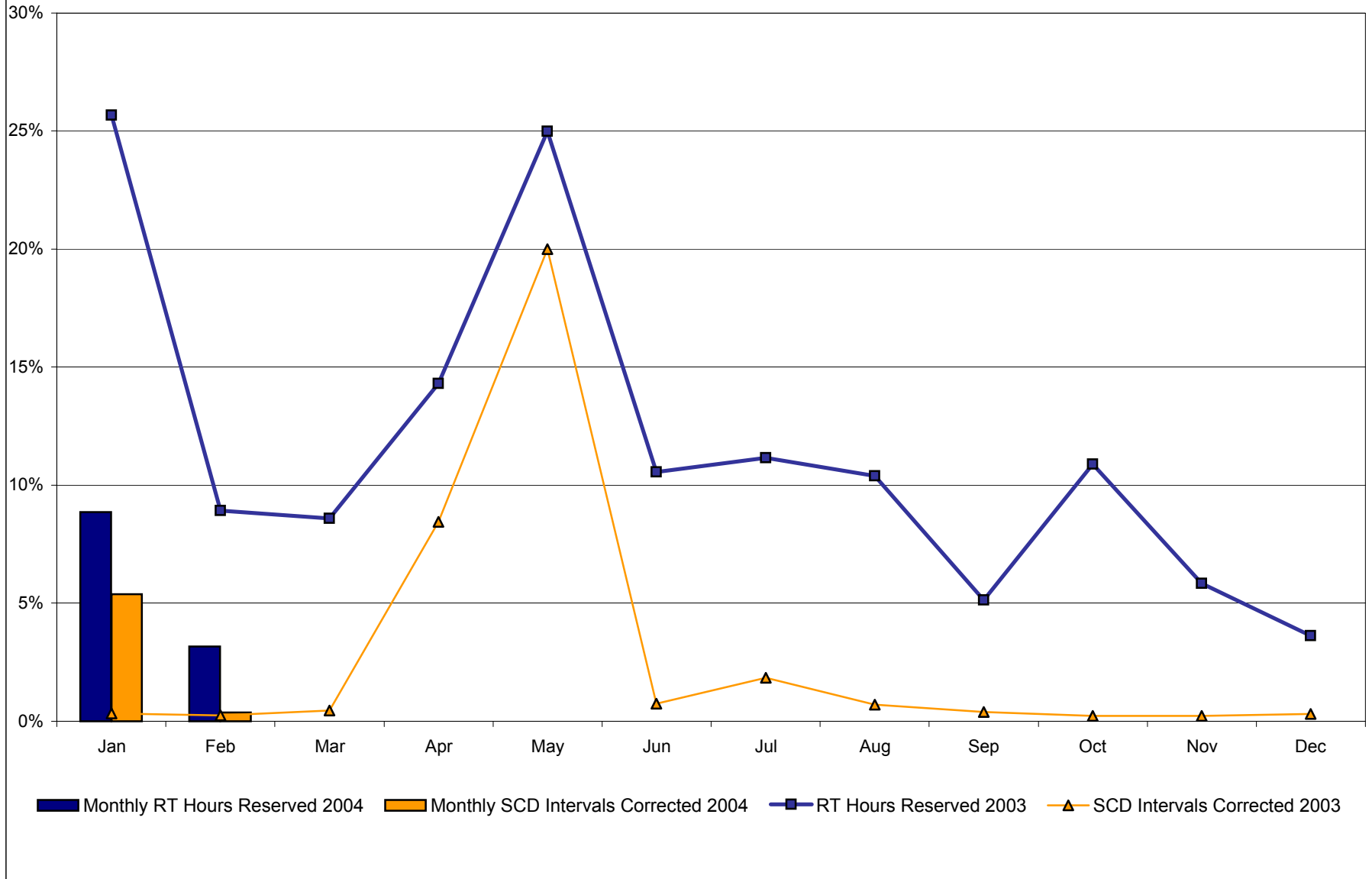
<u>Interval Corrections</u>	January	February	March	April	May	June	July	August	September	October	November	December
Number of Intervals corrected in the month	597	40										
Number of Intervals in the month	11,089	10,495										
Percentage of intervals corrected in the month	5.38%	0.38%										
Number of Intervals corrected Year-to-date	597	637										
Number of Intervals Year-to-date	11,089	21,584										
Percentage of intervals corrected Year-to-date	5.38%	2.95%										
<u>Hours Reserved</u>												
Number of hours reserved in the month	66	22										
Number of hours in the month	744	696										
Percentage of hours reserved in the month	8.87%	3.16%										
Number of hours reserved Year-to-date	66	88										
Number of hours Year-to-date	744	1,440										
Percentage of hours reserved Year-to-date	8.87%	6.11%										
<u>Days Without Corrections</u>												
Days without price corrections in the month	14	20										
Days without price corrections Year-to-date	14	34										

NYISO Price Corrections 2003

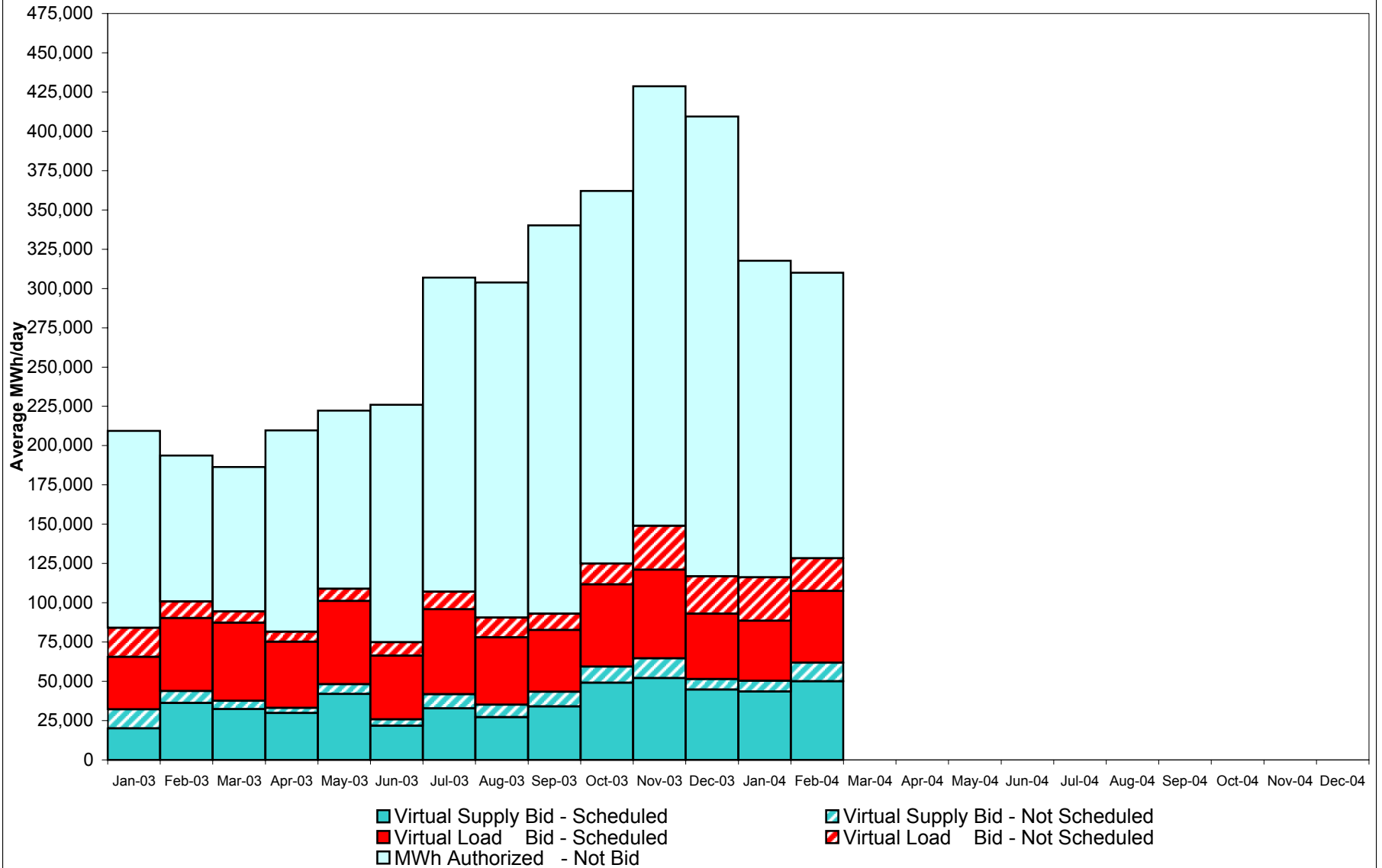
<u>Interval Corrections</u>	January	February	March	April	May	June	July	August	September	October	November	December
Number of Intervals corrected in the month	36	25	49	891	2,254	79	202	71	41	25	25	34
Number of Intervals in the month	10,986	10,197	10,918	10,554	11,274	10,729	10,998	9,973	10,620	11,248	10,629	11,175
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%	0.24%	0.30%
Number of Intervals corrected Year-to-date	36	61	110	1,001	3,255	3,334	3,536	3,607	3,648	3,673	3,698	3,732
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	118,126	129,301
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%	3.13%	2.89%
<u>Hours Reserved</u>												
Number of hours reserved in the month	191	60	64	103	186	76	83	69	37	81	42	27
Number of hours in the month	744	672	744	720	744	720	744	664 *	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%	10.39%	5.14%	10.89%	5.83%	3.63%
Number of hours reserved Year-to-date	191	251	315	418	604	680	763	832	869	950	992	1,019
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	7,936	8,680
Percentage of hours reserved Year-to-date	25.67%	17.73%	14.58%	14.51%	16.67%	15.65%	15.00%	14.46%	13.43%	13.17%	12.50%	11.74%
<u>Days Without Corrections</u>												
Days without price corrections in the month	17	15	14	9	8	8	7	5	9	17	15	14
Days without price corrections Year-to-date	17	32	46	55	63	71	78	83	92	109	124	138

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

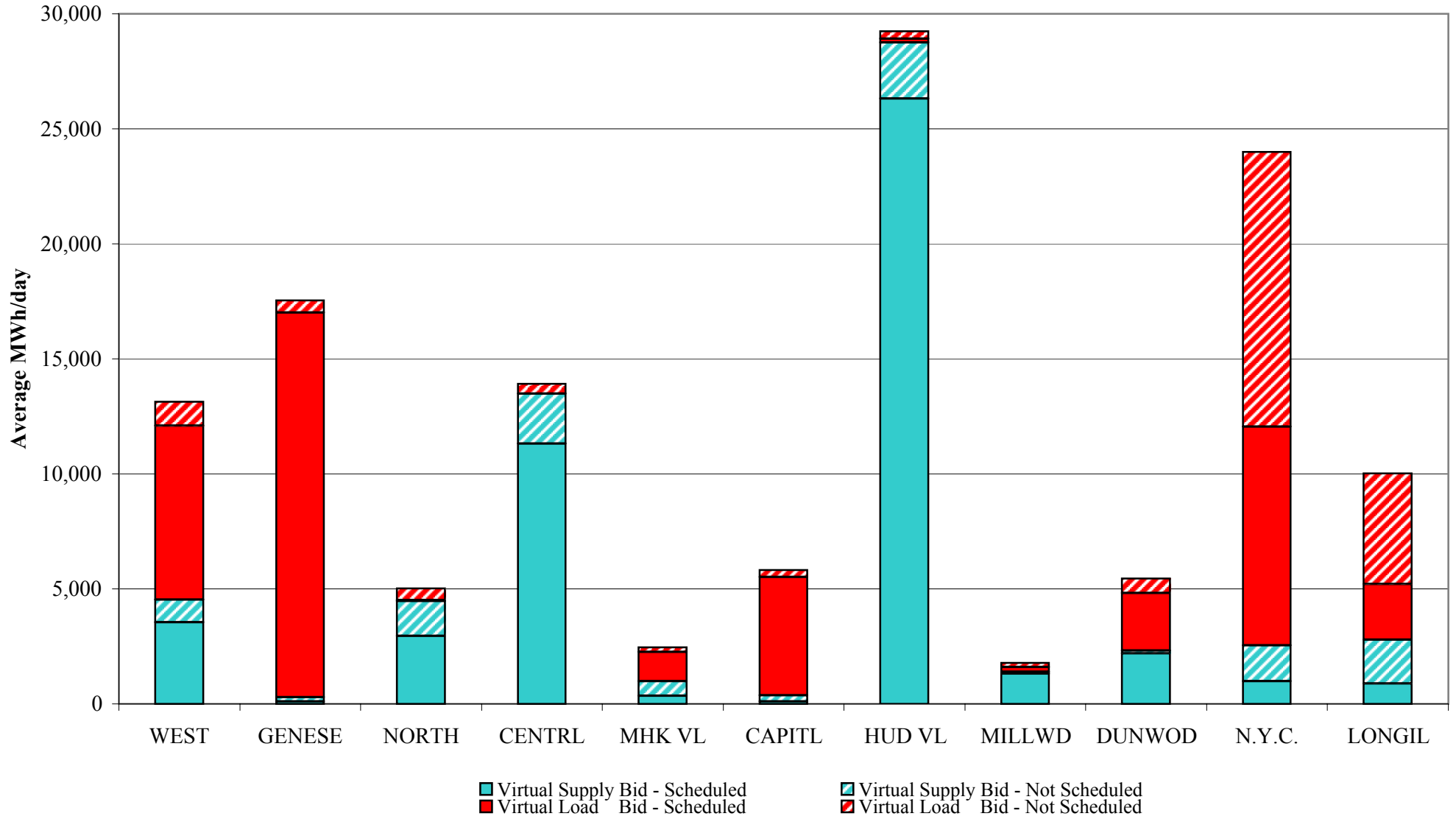
Percentage of Real-Time Corrections



**NYISO Virtual Trading
Average MWh per day**

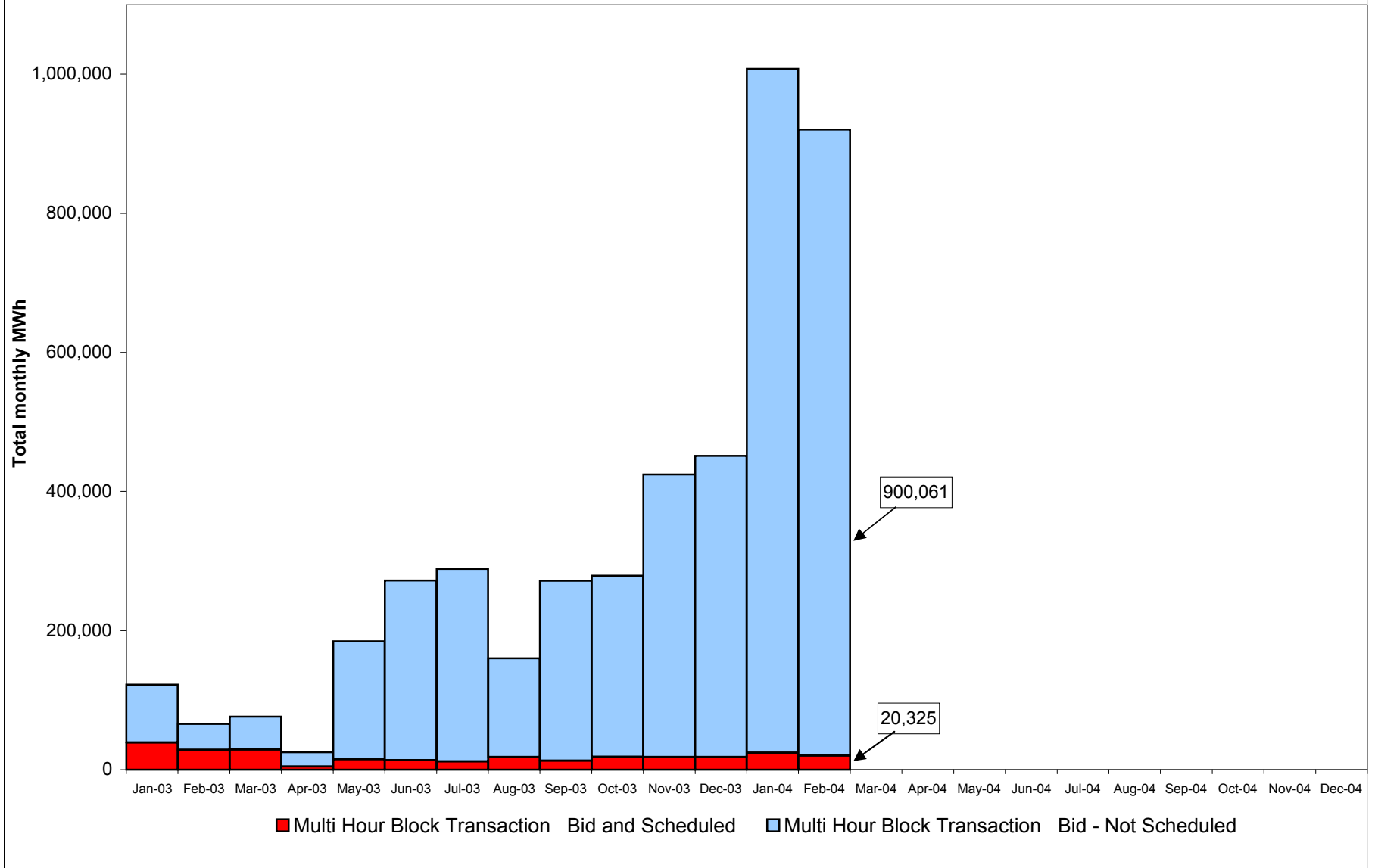


Virtual Load and Supply Zonal Statistics February 2004

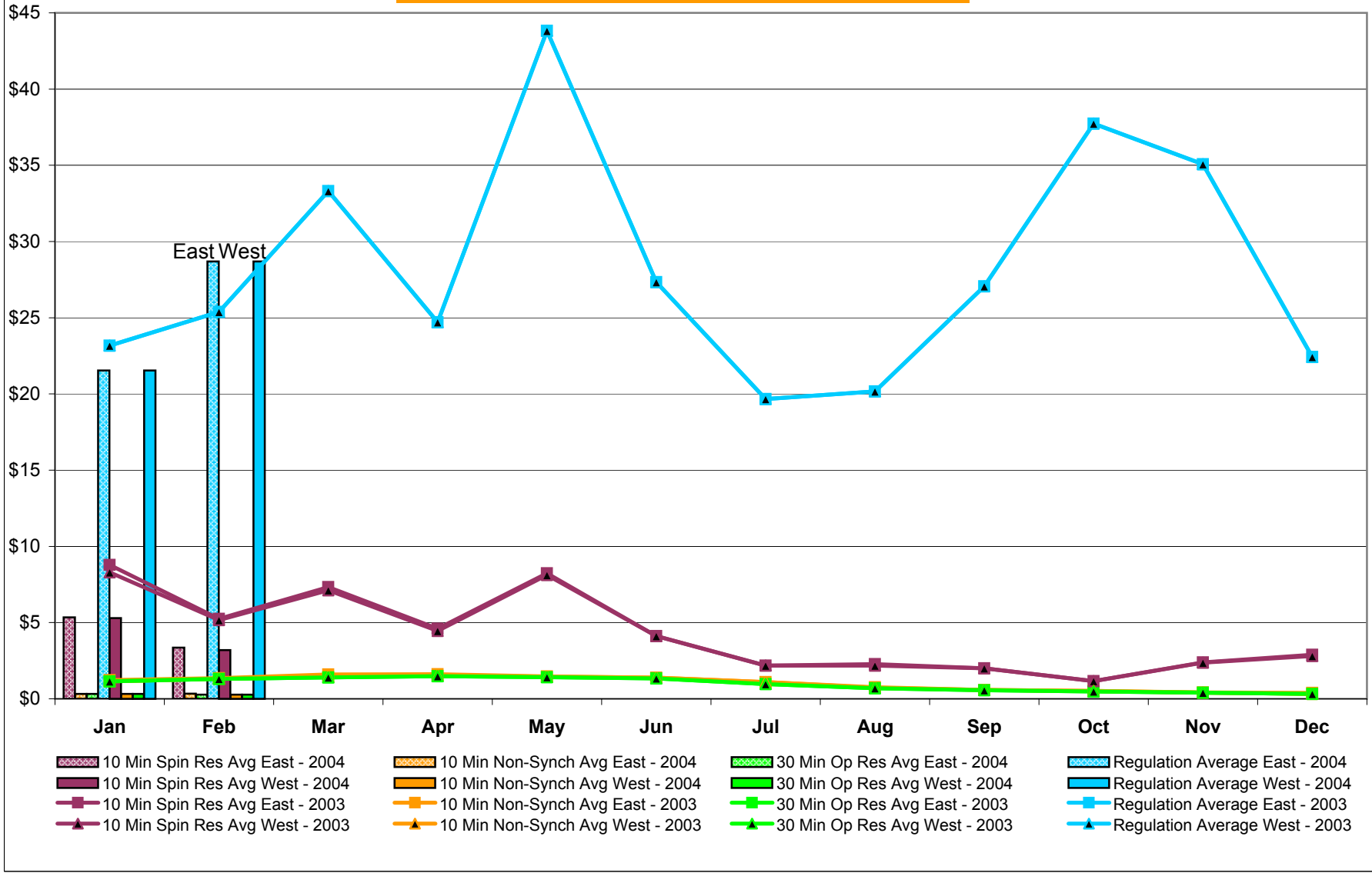


4-T

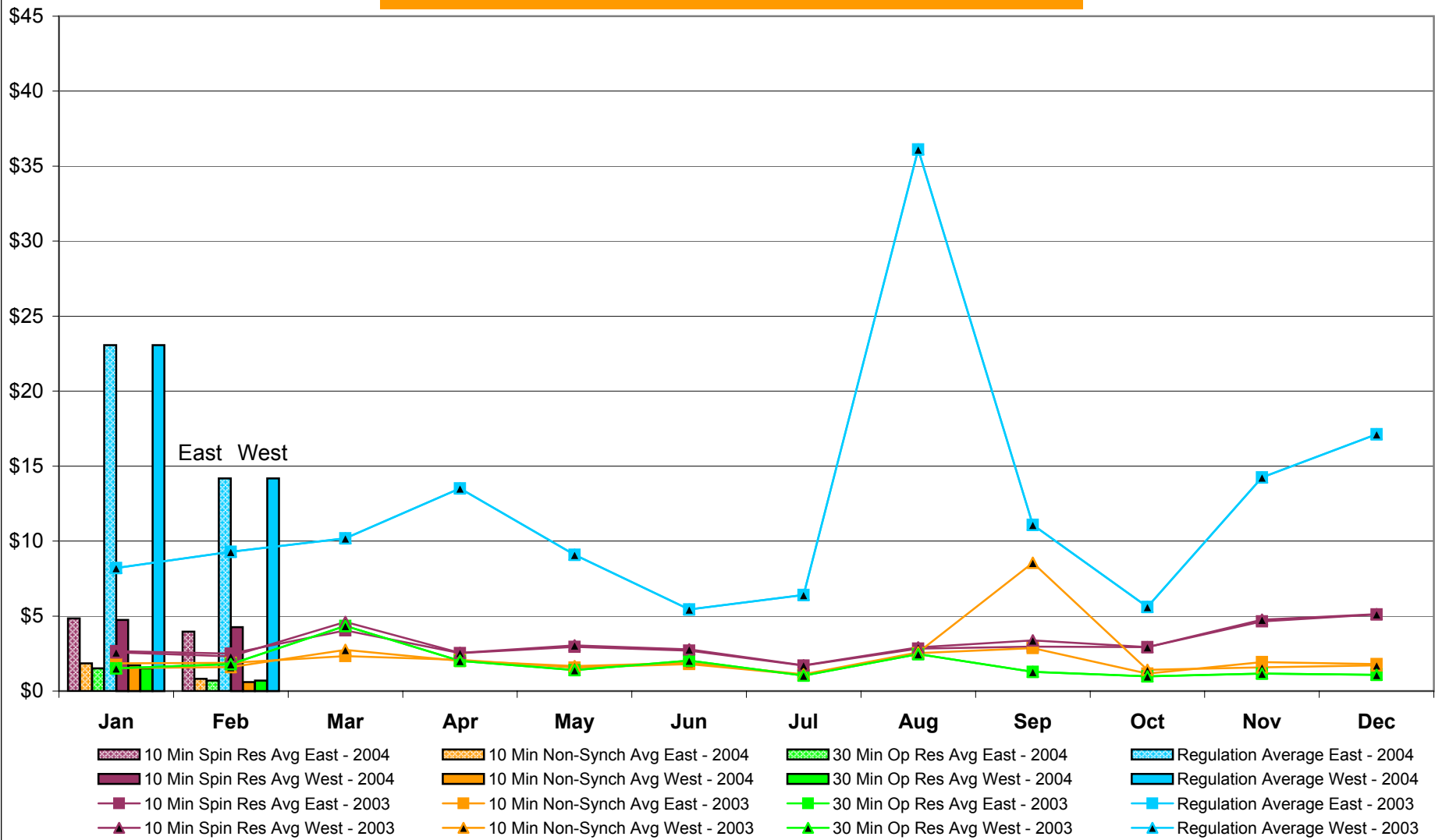
NYISO Multi Hour Block Transactions Monthly Total MWh



NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2003 - 2004



NYISO Monthly Average Ancillary Service Prices BME * 2003 - 2004



* 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 Unweighted Price (\$/MWH) 2004

Day Ahead Market

10 Min Spin East	5.35	3.36
10 Min Spin West	5.29	3.20
10 Min Non Synch East	0.33	0.33
10 Min Non Synch West	0.32	0.27
30 Min East	0.32	0.27
30 Min West	0.32	0.27
Regulation East	21.54	28.69
Regulation West	21.54	28.69

BME* Market

10 Min Spin East	4.84	3.96
10 Min Spin West	4.75	4.27
10 Min Non Synch East	1.85	0.81
10 Min Non Synch West	1.71	0.60
30 Min East	1.51	0.70
30 Min West	1.51	0.70
Regulation East	23.07	14.18
Regulation West	23.07	14.18

ANCILLARY SERVICES Unweighted Price (\$/MWH) 2003

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	2.89
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	2.81
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	0.38
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	0.32
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	0.32
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	0.32
Regulation East	23.17	25.39	33.31	24.70	43.82	27.33	19.67	20.17	27.06	37.74	35.07	22.43
Regulation West	23.17	25.39	33.31	24.70	43.82	27.33	19.67	20.17	27.06	37.74	35.07	22.43

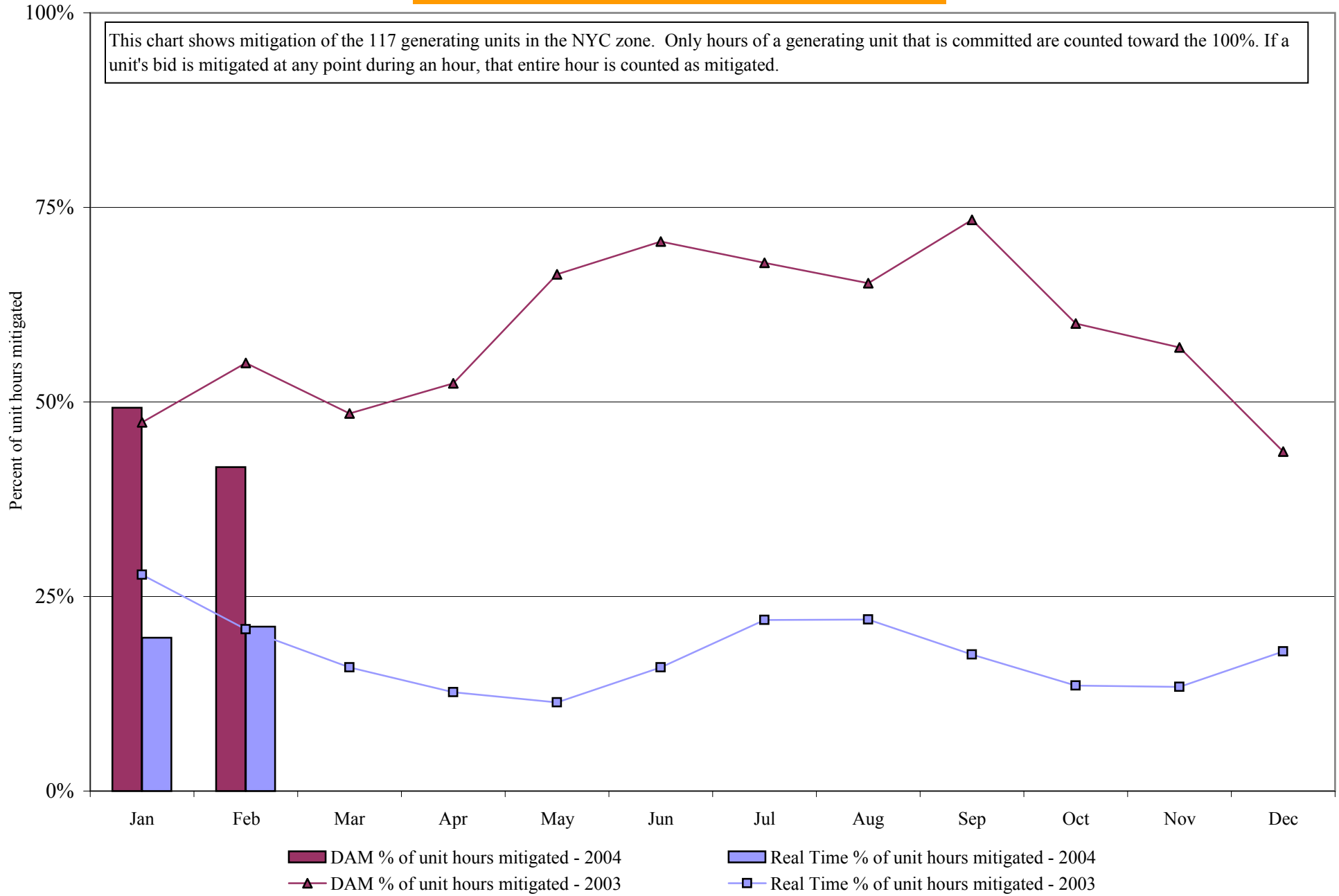
BME* Market

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	5.11
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	5.13
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	1.80
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	1.71
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	1.07
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	1.07
Regulation East	8.21	9.28	10.19	13.52	9.08	5.44	6.41	36.11	11.09	5.60	14.24	17.12
Regulation West	8.21	9.28	10.19	13.52	9.08	5.44	6.41	36.11	11.09	5.60	14.24	17.12

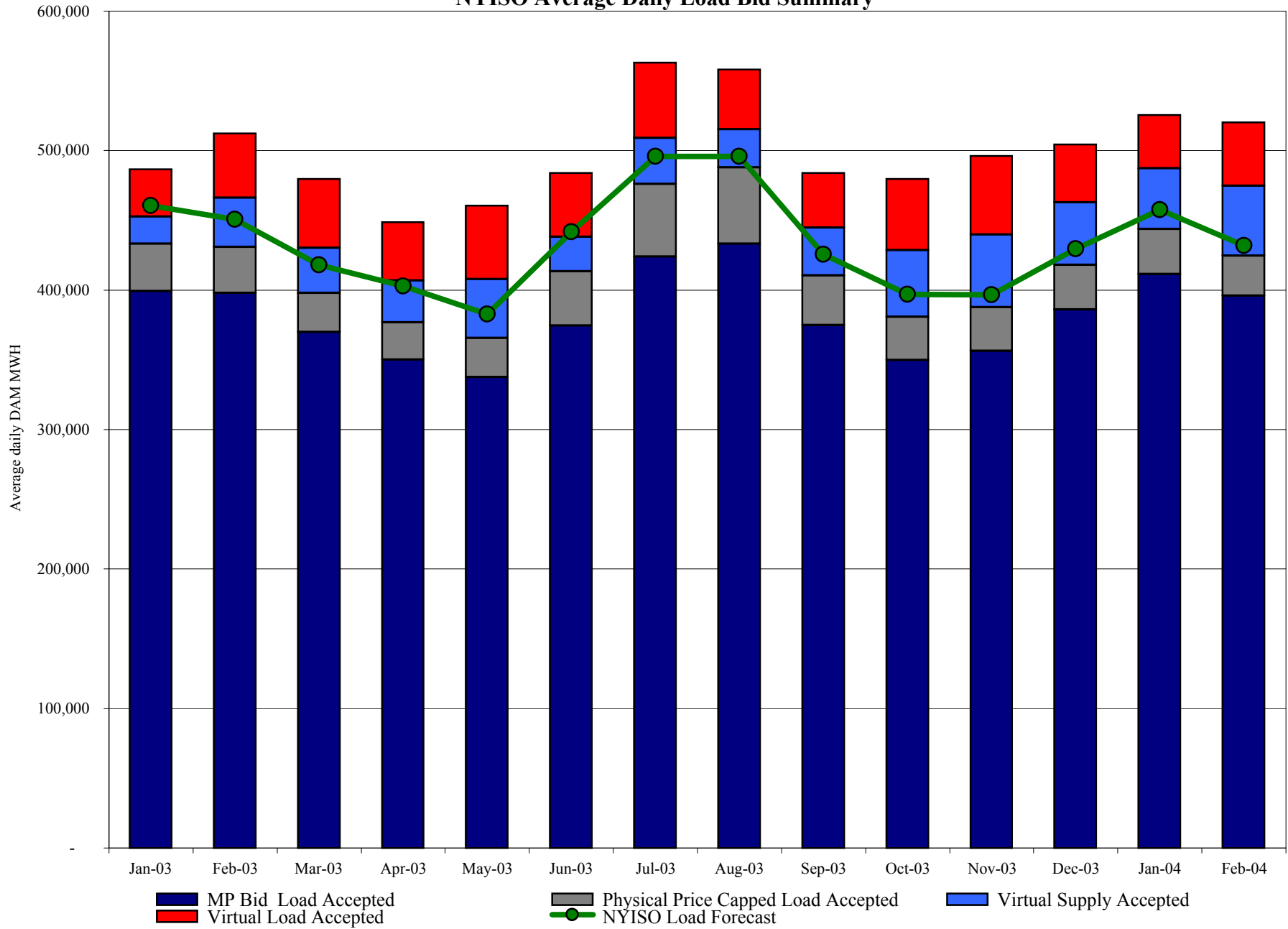
* Commonly Referred to as Hour Ahead Market (HAM)

NYISO In City Mitigation (NYC Zone) 2003-2004

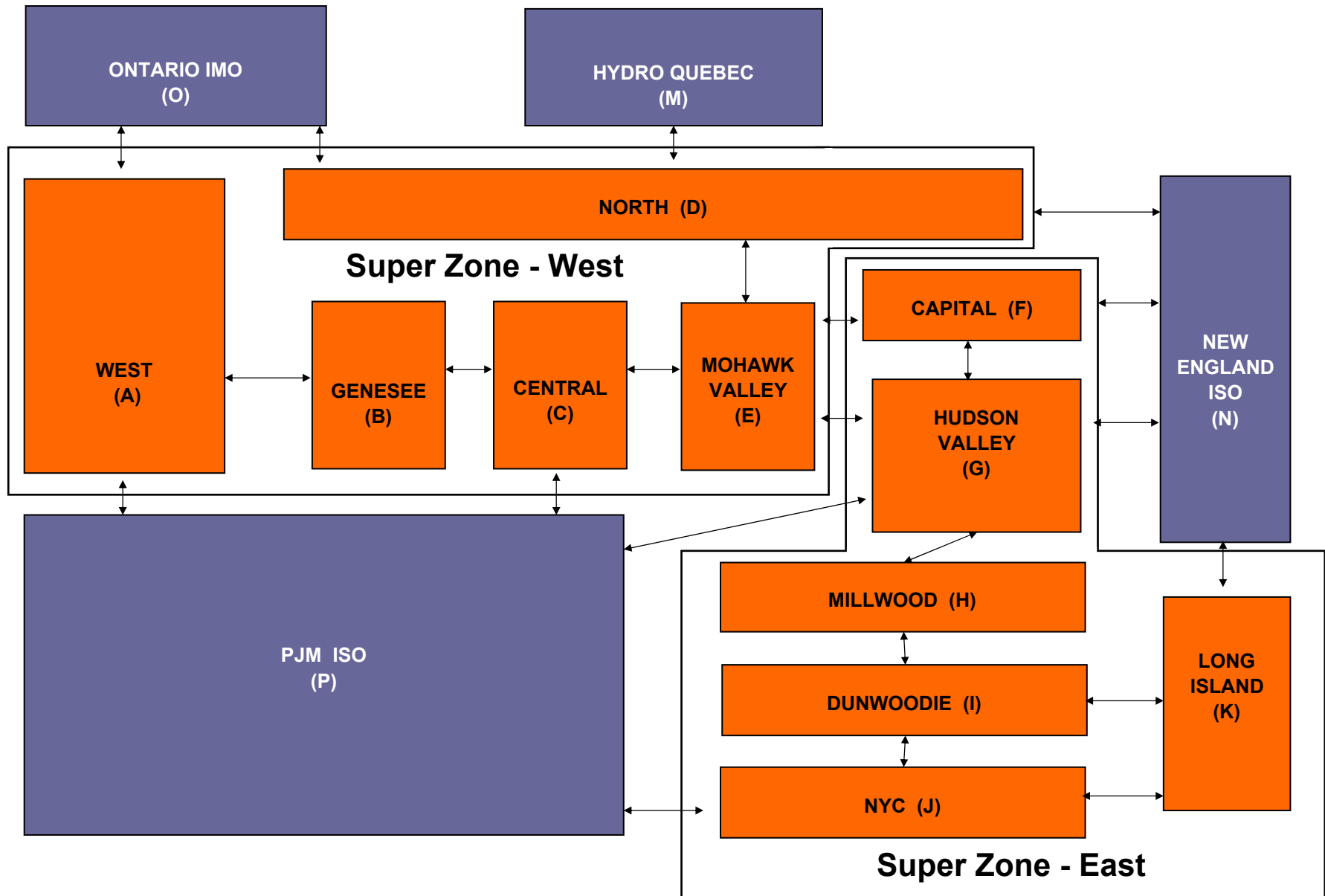
Percentage of committed unit-hours mitigated




NYISO Average Daily Load Bid Summary




NYISO LBMP ZONES




















RELIABILITY GATEWAY GOAL

1. Maintain service to NYCA load. No interruption of load because of improper implementation of NYISO operating procedures by the NYISO.		--	No loss of load or deliberate load shedding triggering a NERC reportable event (>300MW for >15 minutes)
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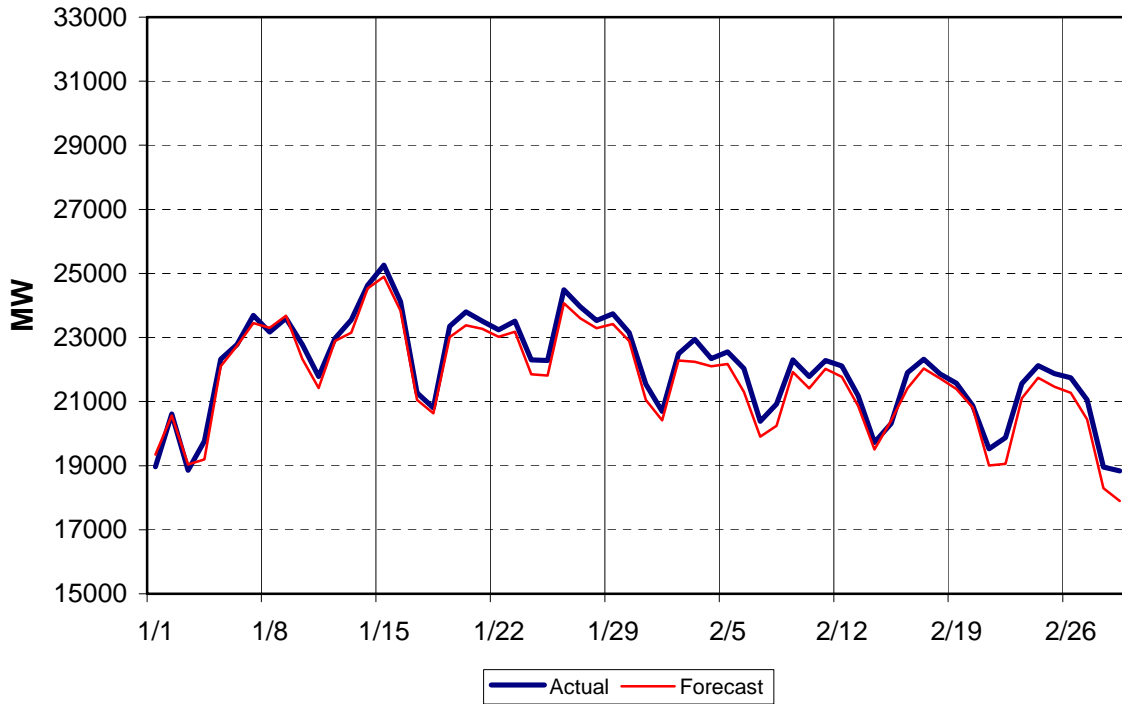
MARKET GATEWAY GOAL

2. Successfully post DAM schedules/forward contracts.		--	DAM schedules/forward contracts are posted >=99.7% of the time during 2004
---	---	----	--

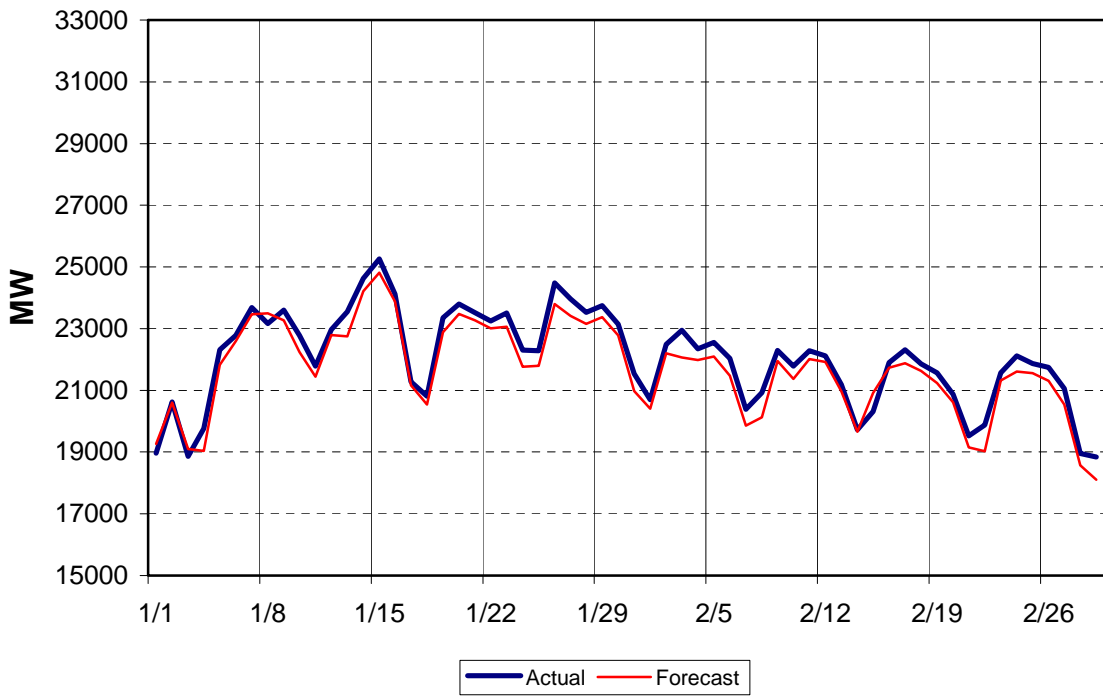
Goal Values

Goal Description	YTD Data	Threshold Payout-50%	Target Payout-100%	Superior Payout-150%
3. Comprehensive Electric System Planning a. Complete Phase I Study b. Complete FERC filing of Phase II	 	--	7/1/04	6/1/04
4. Comply with NERC/NAERO Operating Standards a. CPS-2: b. Disturbance Control Standards (DCS):	  	2/2 months Feb – 96.94 2/2 months	10 of 12 months 10 of 12 months	12 of 12 months 11 of 12 months
5.a. Achieve timely posting of DAM schedules and forward contracts. Post by 11 a.m.: b. i) MIS availability >= 9x.x% as planned, based on current availability metrics ii) During the year, an individual occurrence of unplanned (i.e., <48 hours' notice) service interruptions will not be greater than 4 hours; there won't be more than:	  	60/60 postings Feb – 99.34% 1 occurrence	360/366 postings 10 of 12 months 3 occurrences of 1-4 hours each	363/366 postings 11 of 12 months 2 occurrences of 1-4 hours each
6. Improve the certainty and accuracy of Real-Time prices: a. Hours reserved: b. Intervals corrected:	 	Through Feb – 6.11% 2.95%	<= 12% <= 0.6%	<= 10% <= 0.5%
7. Improve the billing and true-up process: a. Posting of all invoices within 5 business-days of the month according to invoice schedule b. Metering improvements c. Turnaround of Billing Defects (from NYISO notification)	  	3/3 months -- 27 B-Ds	10 of 12 months Finalize a formal meter quality and tracking program 35 B-Ds	11 of 12 months Implement program with Meter Authority agreement 30 B-Ds
8. Improve Customer Satisfaction with NYISO services as determined via surveying three times annually (average baseline score: 6.397)		1 st survey April	Score of >= 6.525	Score of >= 6.653
9. Project execution (weighted 25%) a. 1) Project Management – Scheduling 2) Project Management - Costs b. SMD 2.0	  	--	3 misses 3 misses	2 misses 2 misses TO BE DETERMINED

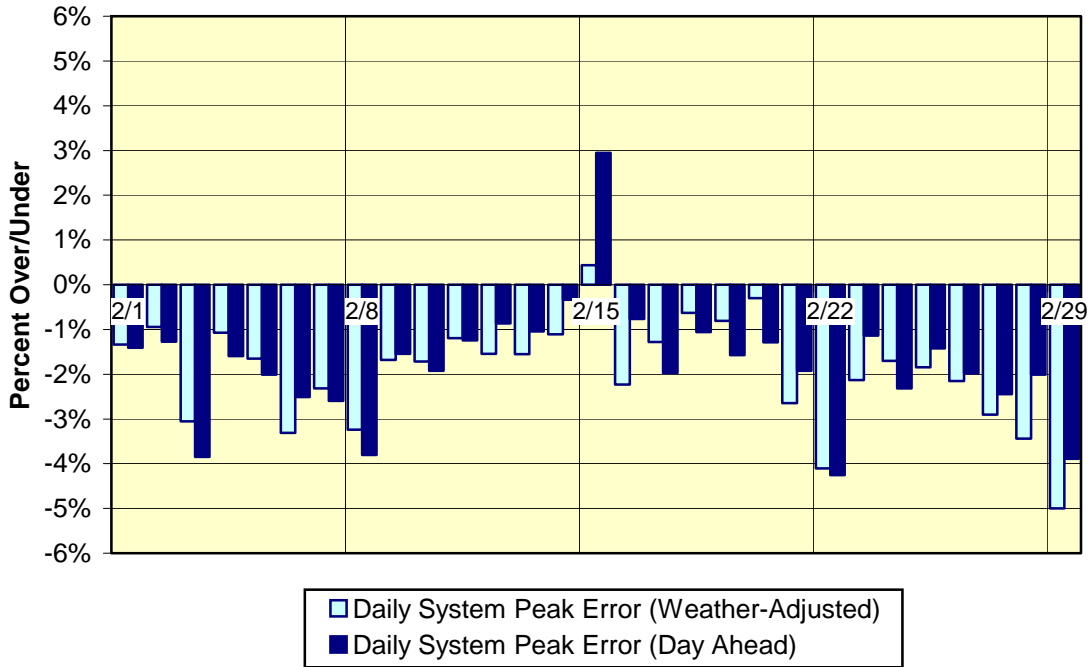
NYISO Daily Peak Load Actual vs. Weather-Adjusted Forecast



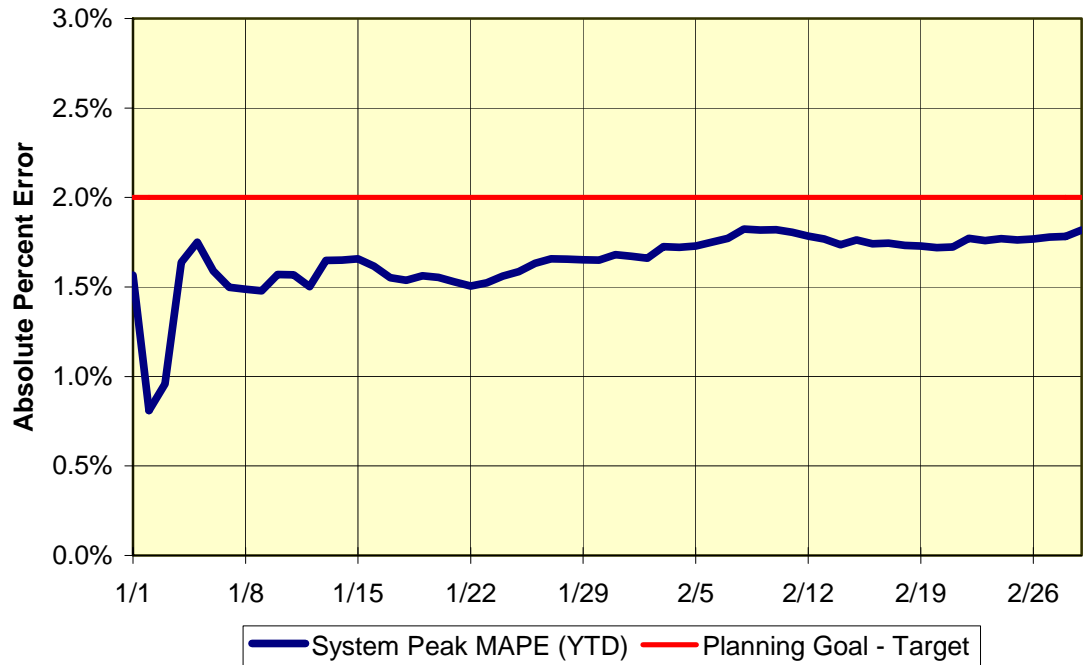
NYISO Daily Peak Load Actual vs. Forecast



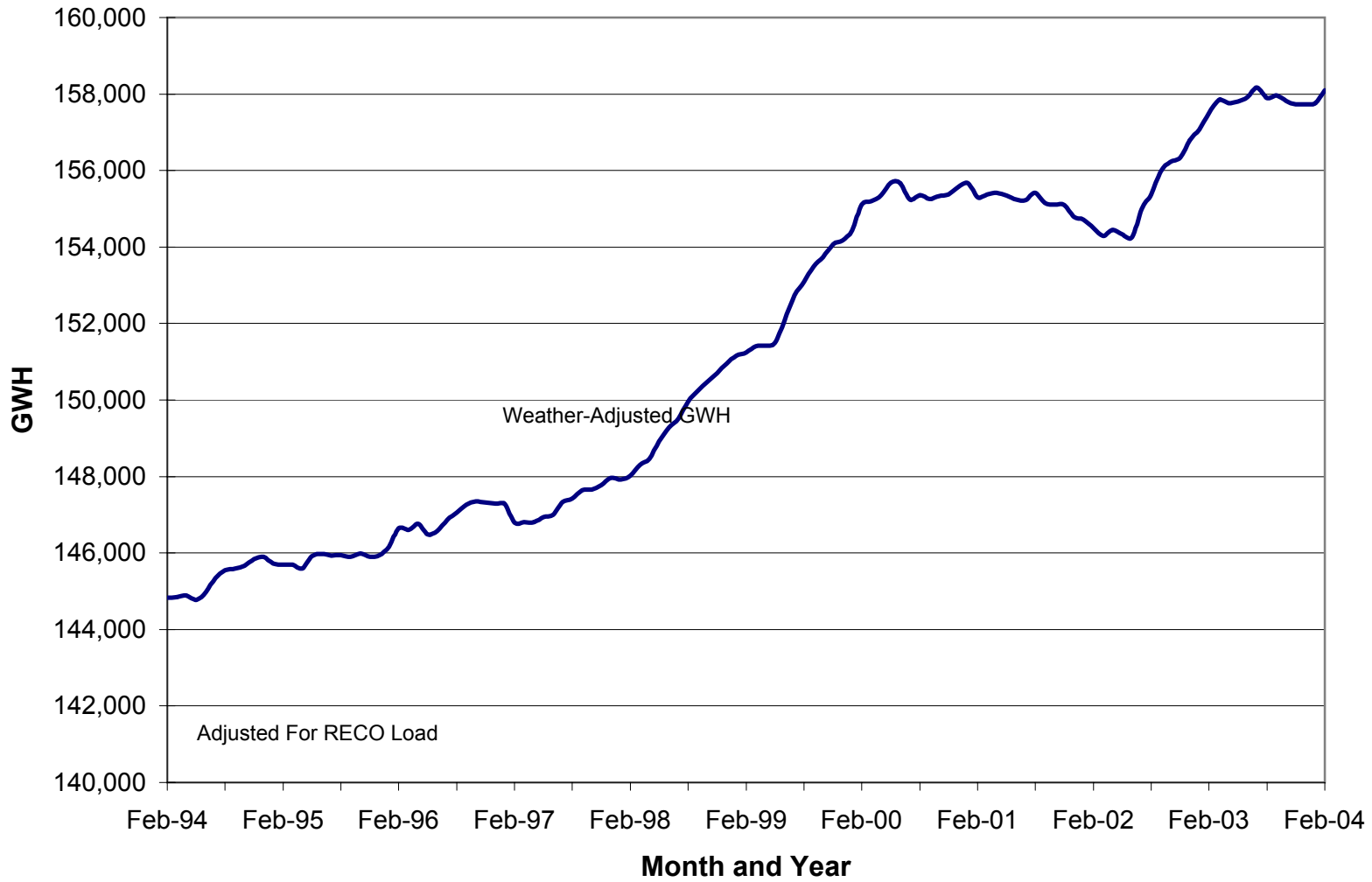
**Day-Ahead Forecast
Daily Forecast Errors of System Peak
February, 2004**



**Day-Ahead Forecast
Cumulative Performance - Daily System Peak
2004 Year-to-Date**



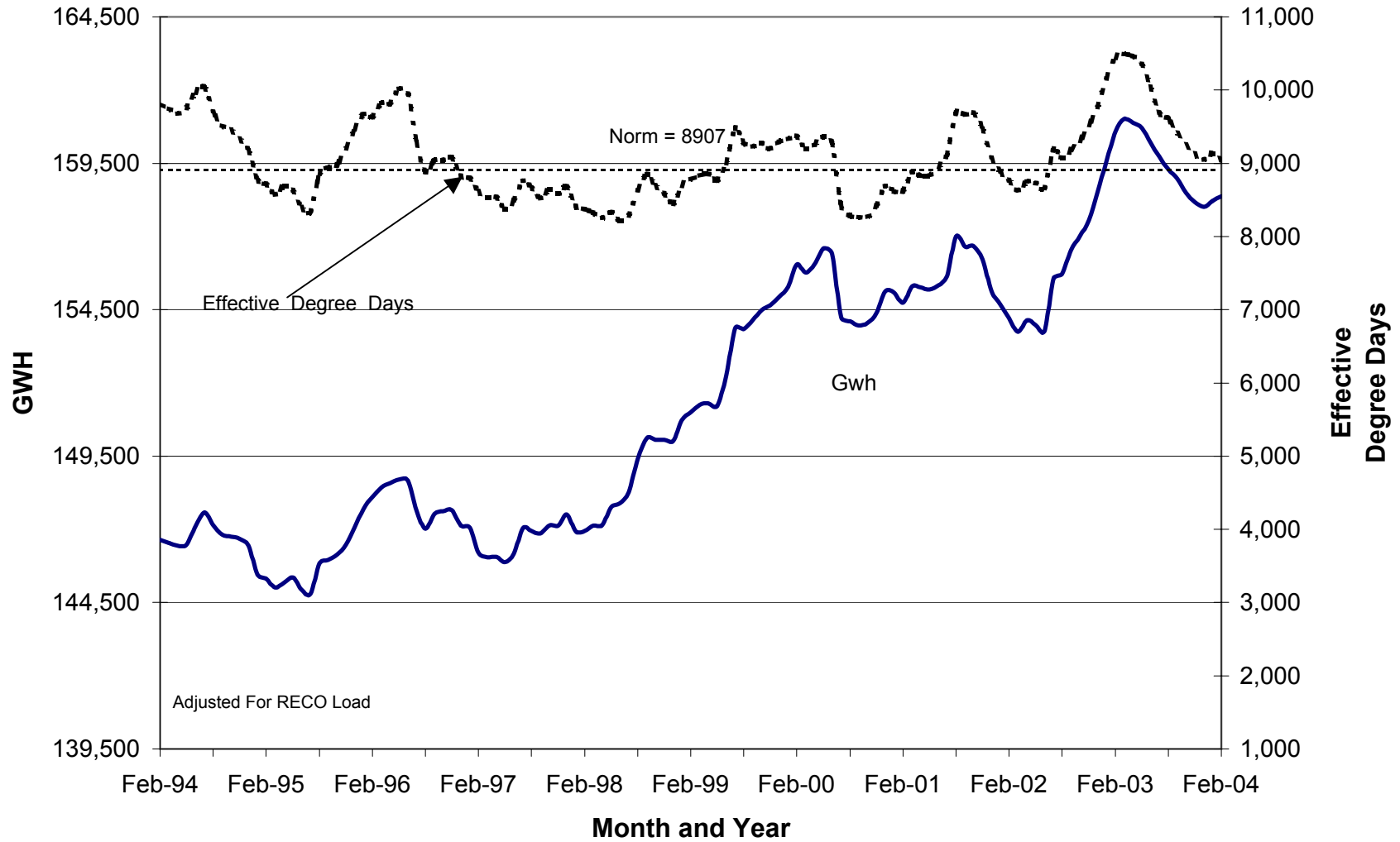
Plot Of 12 Month Moving Total Of NYCA Weather Adjusted Energy Sendout



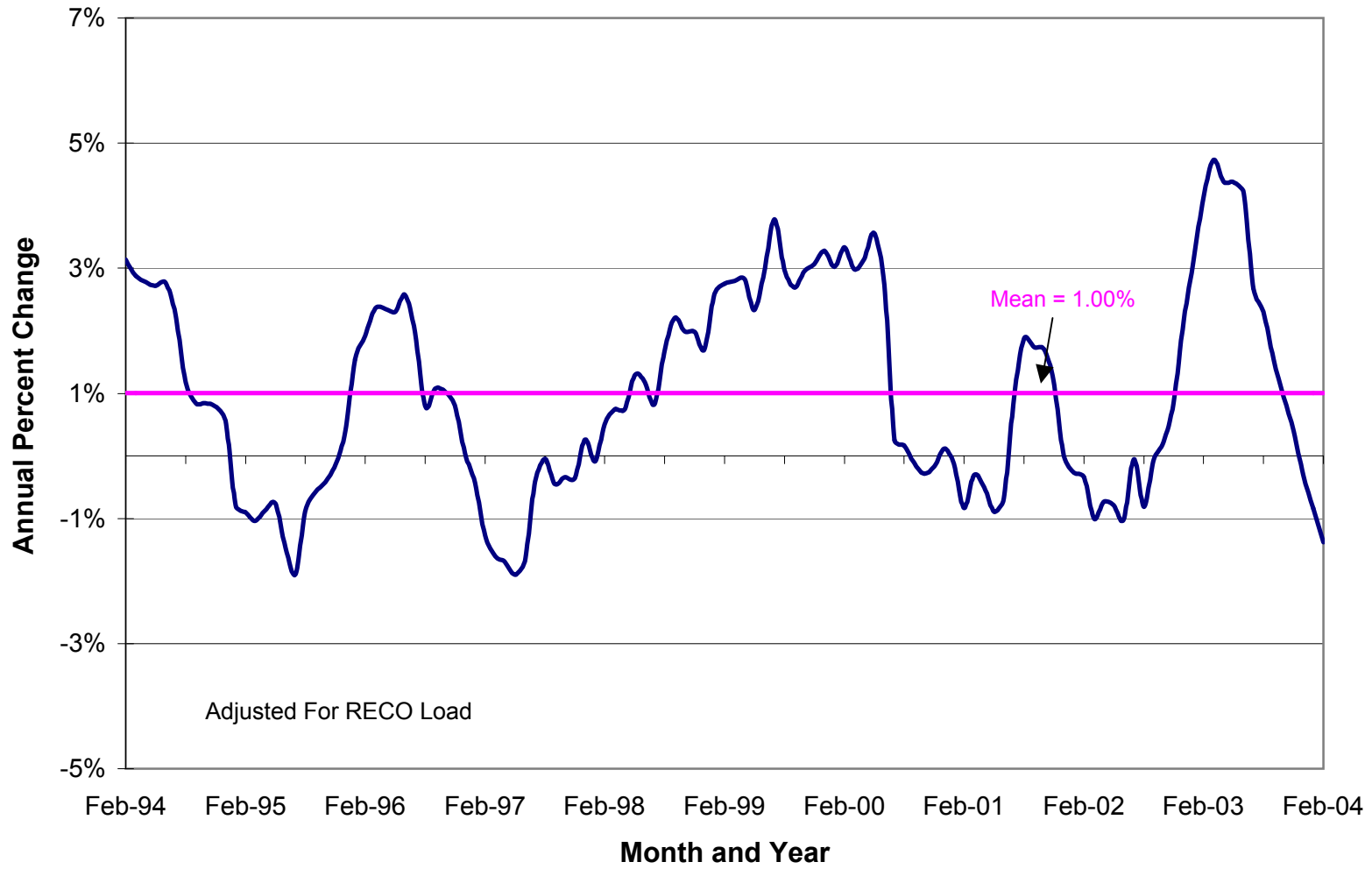
Plot Of Weather Adjusted 12 Month Moving Total Energy Sendout Annual Percent Change



**Plot Of 12 Month Moving Total Of NYCA Energy Sendout
And Effective Degree Days For 10 Years**



**Plot Of 12 Month Moving Total Energy Sendout
Annual Percent Change For 10 Years**



NYISO Regulatory Filings February 2004

- Feb 3, 2004 NYISO filing of motion to intervene involving compensation for generation units subject to local market power mitigation in bid based markets (PL04-2-000)
- Feb. 6, 2004 Third party filing of motion to intervene and comments regarding the joint NYISO and NYTO compliance filing regarding Interconnection Procedures (ER04-449-000)
- Feb. 9, 2004 NYISO and NYTO joint filing of a request for clarification of the FERC notice clarifying compliance procedures (RM02-1-000/001)
- Feb. 9, 2004 NYISO filing of motion to intervene regarding transmission service charges assessed by New York State Electric & Gas Corp on the New York Municipal Power Agency's affected member systems (EL04-56-000)
- Feb. 10, 2004 Multiple third Party filing of motion to intervene and protests regarding Joint compliance filing involving standard interconnection procedures and agreements (ER04-449-000)
- Feb. 10, 2004 Multiple complainants file an answer to the answers filed by NYISO, Reliant, and NRG companies in response to Con Ed's complaint against NYISO (EL04-36-000)
- Feb. 11, 2004 NYISO filing of a motion requesting an extension of time to submit responses to data requests regarding customer credit requirements (ER03-552-006 and ER03-984-004)
- Feb. 20, 2004 NYISO filing of G. Brown Affidavit at NYPSC in support of request to finance construction of generating facility in NYC
- Feb. 24, 2004 NYISO filing of data responses regarding customer credit requirements (ER03-552-006, ER03-984-004)
- Feb. 25, 2004 NYISO and NYTO's filing of request for leave to respond to comments and protests from January 20, 2004 compliance filing regarding standard interconnection procedures/agreements (ER04-449-000)
- Feb. 26, 2004 NYISO filing of report on status of Regional Adequacy Markets Working Group (ER03-647-004)
- Feb. 27, 2004 NYISO filing of comments in response to FERC notice regarding post technical conference Filed - February 27, 2004 (PL04-2-000)
- Feb. 27, 2004 NYISO filing and affidavit of answer in opposition to the request for leave to file the answer dated February 10, 2004 of ICAP rebate complaint (EL04-36-000)

NYISO related FERC Orders February 2004

- Feb. 2, 2004 FERC data requests regarding the NYISO's compliance filing of a credit prepayment agreement (ER03-552-006, ER03-984-004)
- Feb. 2, 2004 FERC order approving tariff revisions regarding the congestion rent shortfall reduction proposal (ER04-294-000)
- Feb. 5, 2004 FERC ALJ order scheduling a settlement conference regarding a Keyspan complaint v. NYISO concerning cost allocation for new interconnection facilities for February 17, 2004 (EL02-125-001)
- Feb. 9, 2004 FERC order deemed that a further settlement conference regarding a Keyspan complaint v. NYISO concerning cost allocation for new interconnection facilities settlement conference will take place on February 27, 2004 (EL02-125-001)
- Feb. 11, 2004 Judge's settlement report to chief Judge regarding Con Ed's complaint against NYISO (EL04-36-000)
- Feb. 11, 2004 FERC order conditionally accepting tariff revisions regarding real-time scheduling software (ER04-230-000)
- Feb. 17, 2004 Notice granting an extension of time to respond to data requests involving NYISO's credit prepayment agreement compliance filing (ER03-552-006, ER03-984-004)
- Feb. 18, 2004 FERC ALJ order scheduling a settlement conference regarding a Keyspan complaint v. NYISO concerning cost allocation for new interconnection facilities for February 17, 2004 (EL02-125-001)
- Feb. 23, 2004 FERC order terminating settlement judge procedures and directing the proceeding (NYISO v. Con Ed) back to FERC for further action (EL04-36-000)
- Feb. 24, 2004 FERC letter order accepting tariff revisions regarding modifications to the allocation among transmission owners of revenue shortfalls and surpluses in TCC auctions and in the day-ahead market related congestion settlements (ER04-356-000)
- Feb. 26, 2004 FERC letter order accepting corrections in NYISO's October 15, 2003 filing regarding submittal of tariff revisions involving transmission congestion contract congestion rents (ER04-54-001)
- Feb. 27, 2004 FERC ALJ order scheduling a settlement conference regarding a Keyspan complaint v. NYISO concerning cost allocation for new interconnection facilities March 11, 2004 (EL02-125-001)

NYISO Management Committee Meeting

February 4, 2004

Consolidated Edison, New York

MOTIONS FROM THE MEETING

Motion #1:

Motion to approve the minutes from the January 7, 2004 MC meeting.

(Motion passed unanimously by show of hands)

Motion #2:

Motion to amend the NYISO tariffs to delete the conditions on the application of the noncompetitive proxy generator bus pricing rule imposed in the Commission's December 23, 2003 Order on Rehearing in Docket ER03-690-002.

(Motion passed unanimously by show of hands with 1 abstention)

Motion #3:

Membership of Demand Response Providers and Distributed Generators

WHEREAS: The By-Laws & Governance Subcommittee has reviewed the ISO Agreement and the Management Committee By-Laws;

WHEREAS: The By-Laws & Governance Subcommittee hereby proposes the attached amendments regarding the definitions and sector designations of Demand Response Providers and Distributed Generators to Articles 1 and 7 of the ISO Agreement;

WHEREAS: The By-Laws & Governance Subcommittee hereby proposes the attached amendments regarding the sector designations of Demand Response Providers and Distributed Generators to Article XI of the Management Committee By-Laws.

NOW, THEREFORE, IT IS MOVED that the Management Committee approve the attached revisions to Articles 1 and 7 of the ISO Agreement and Article XI of the Management Committee By-Laws, and authorize the NYISO to file the attached revisions to Articles 1 and 7 of the ISO Agreement with the Commission pursuant to Sections 205 and 206 of the Federal Power Act.

(Motion passed with 65.27% affirmative votes.)

Motion #3A:

Motion to defer motion #3 until the next Management Committee meeting.

(Motion failed 38.04% affirmative votes)

Motion #4:

Membership Fee for Demand Response Providers and Distributed Generators

WHEREAS: The By-Laws & Governance Subcommittee has reviewed the ISO Agreement;

WHEREAS: The By-Laws & Governance Subcommittee hereby proposes the attached amendments to Section 2.02 of the ISO Agreement regarding a phased-in membership fee for Demand Response Providers and Distributed Generators.

NOW, THEREFORE, IT IS MOVED that the Management Committee approve the attached revisions to Section 2.02 of the ISO Agreement and authorize the NYISO to file the attached revisions with the Commission pursuant to Section 205 of the Federal Power Act.

(Motion passed with 67.75% affirmative votes.)

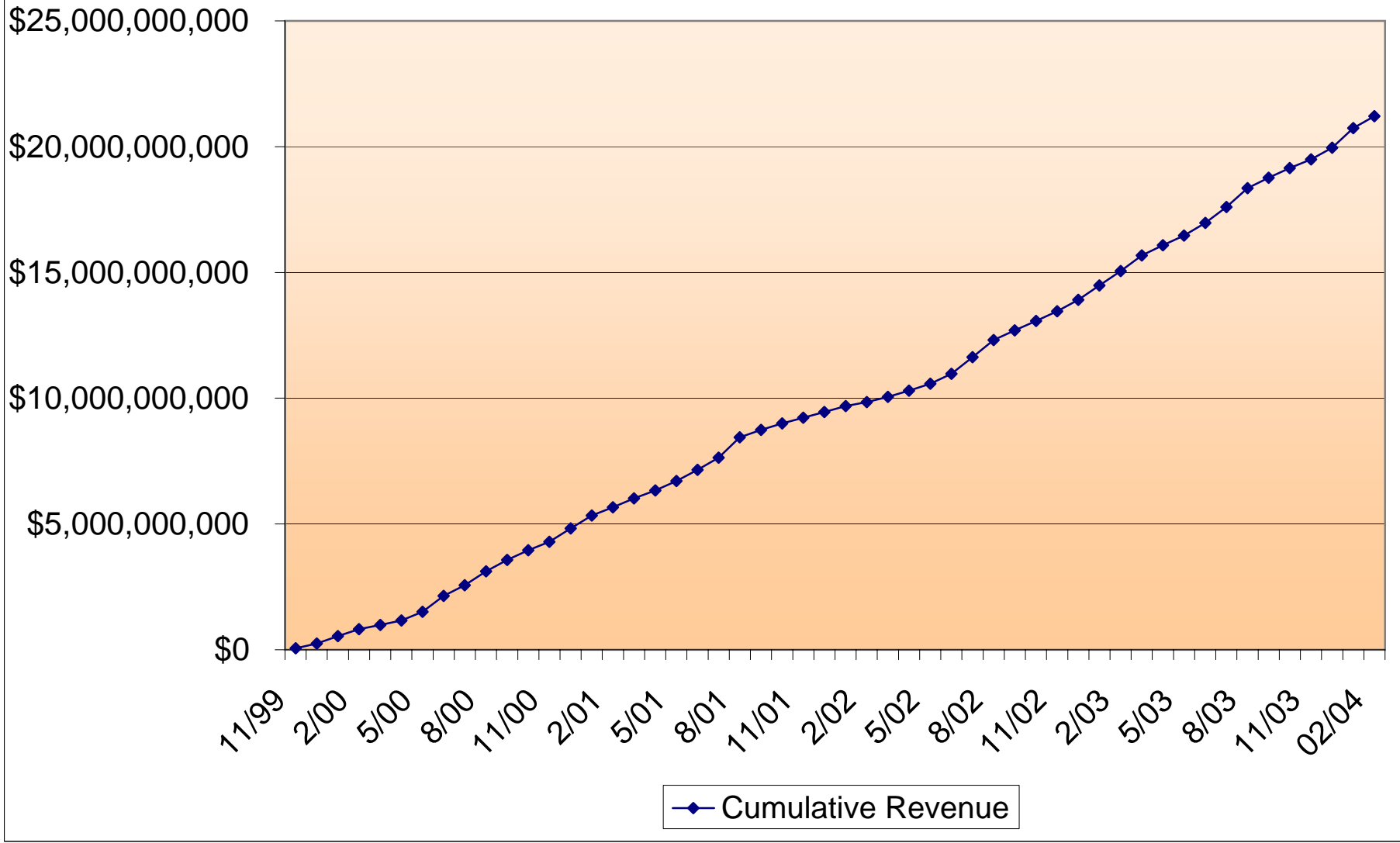


2004 BUDGET VS. ACTUAL VARIANCES

(dollar amounts in thousands)

	<u>YTD through February 2004</u>				<u>2004 Annual Totals</u>			
	<u>Original Budget</u>	<u>Actuals</u>	<u>\$ Var.</u>	<u>% Var.</u>	<u>Original Budget</u>	<u>Revised Budget</u>	<u>\$ Var.</u>	<u>% Var.</u>
Capital Assets	\$ 3,026	\$ 581	\$ (2,445)	-81%	\$ 18,155	\$ 17,405	\$ (750)	-4%
Salaries & Benefits	7,306	6,741	(565)	-8%	43,836	\$ 43,835	(1)	0%
Consultants	4,194	2,885	(1,309)	-31%	25,166	\$ 25,147	(19)	0%
Legal	1,000	1,106	106	11%	6,000	\$ 6,000	0	0%
Building Services	586	612	27	5%	3,513	\$ 3,522	9	0%
Computer Services	4,258	5,325	1,067	25%	18,914	\$ 19,756	842	4%
Insurance	1,286	955	(331)	-26%	7,713	\$ 7,604	(109)	-1%
Telecommunications	479	550	71	15%	2,875	\$ 2,875	0	0%
Board of Directors	154	147	(7)	-5%	925	\$ 925	0	0%
Meetings, Travel, Training	484	277	(207)	-43%	2,902	\$ 2,930	28	1%
NPCC Fees	254	283	29	11%	1,525	\$ 1,525	0	0%
FERC Fees	1,333	1,333	(0)	0%	8,000	\$ 8,000	0	0%
Debt Service & Bank Fees	3,042	2,863	(179)	-6%	30,221	\$ 30,221	0	0%
TOTAL BUDGET SPENDING	\$ 27,402	\$ 23,658	\$ (3,744)	-16%	\$ 169,745	\$ 169,745	\$ -	0%
Less: Miscellaneous Revenues	(178)	(143)	34	-19%	(1,065)	(1,065)	0	0%
Less: Net Proceeds from Bank Financing	0	0	0	0%	(44,800)	(44,800)	0	0%
EQUALS: Funds Needed via RS#1	\$ 27,224	\$ 23,514	\$ (3,710)	-14%	\$ 123,880	\$ 123,880	\$ -	0%
COMPARED TO: Funds Received via RS#1			610		123,880	124,490	610	0%
EQUALS: Total Budget & Load Over/(Under) Run			\$ 4,320		\$ -	\$ 610	\$ 610	

Cumulative Gross Revenue of all Monthly Components



**NYISO
MARKET PARTICIPANT ENERGY BILLINGS
SUMMARY OF NET RECEIVABLES**

****RECEIVABLES****

	ORIGINAL INVOICE	4 MO TU	12 MO TU	24 MO TU	REBILL	TU TOTAL	% OF TU				
Nov-99	\$ 41,914,277	\$ -	\$ 4,601,583	11%	\$ 1,653,001	4%	\$ 6,254,584	15%			
Dec-99	\$ 133,158,638	\$ -	\$ 9,535,988	7%	\$ 1,707,927	1%	\$ 11,243,915	8%			
Jan-00	\$ 217,994,281	\$ -	\$ 13,514,891	6%	\$ 6,139,030	3%	\$ 19,653,921	9%			
Feb-00	\$ 186,799,918	\$ -	\$ 13,029,978	7%	\$ 1,518,328	1%	\$ 14,548,307	8%			
Mar-00	\$ 124,028,665	\$ -	\$ -	0%	\$ 889,309	1%	\$ 24,987,775	21%			
Apr-00	\$ 135,512,224	\$ -	\$ -	0%	\$ 1,287,032	1%	\$ 1,287,032	1%			
May-00	\$ 222,997,916	\$ -	\$ 19,374,704	9%	\$ 7,788,534	3%	\$ 27,163,238	12%			
Jun-00	\$ 415,492,540	\$ -	\$ 27,121,792	7%	\$ 12,457,711	3%	\$ 39,579,503	10%			
Jul-00	\$ 252,252,351	\$ -	\$ 19,489,697	8%	\$ 2,724,735	1%	\$ 22,214,432	9%			
Aug-00	\$ 361,947,692	\$ -	\$ 35,775,647	10%	\$ 5,508,600	2%	\$ 41,284,247	11%			
Sep-00	\$ 319,094,875	\$ -	\$ 31,071,138	10%	\$ 6,605,678	2%	\$ 37,676,816	12%			
Oct-00	\$ 274,787,453	\$ 15,496,075	6%	\$ 3,205,891	1%	\$ 3,745,905	1%	\$ 22,447,871	8%		
Nov-00	\$ 256,009,720	\$ 16,262,668	6%	\$ 2,052,169	1%	\$ 1,784,229	1%	\$ 20,099,066	8%		
Dec-00	\$ 396,610,564	\$ 19,537,029	5%	\$ 4,026,996	1%	\$ 4,066,092	1%	\$ 27,630,117	7%		
Jan-01	\$ 344,295,355	\$ 12,571,017	4%	\$ 2,521,671	1%	\$ 1,474,285	0%	\$ 16,566,973	5%		
Feb-01	\$ 234,382,099	\$ 9,148,844	4%	\$ 1,699,302	1%	\$ 1,263,189	1%	\$ 12,111,335	5%		
Mar-01	\$ 245,443,896	\$ 9,390,961	4%	\$ 1,698,249	1%	\$ 743,656	0%	\$ 796,426	0%	\$ 12,629,292	5%
Apr-01	\$ 231,563,601	\$ 11,382,682	5%	\$ 2,133,766	1%	\$ 890,456	0%	\$ 658,768	0%	\$ 15,065,671	7%
May-01	\$ 258,524,171	\$ 16,241,860	6%	\$ 9,994,318	4%	\$ 1,825,702	1%	\$ 1,368,697	1%	\$ 29,430,577	11%
Jun-01	\$ 295,777,209	\$ 15,607,316	5%	\$ 4,491,251	2%	\$ 1,542,666	1%	\$ 1,187,881	0%	\$ 22,829,115	8%
Jul-01	\$ 331,328,591	\$ 12,637,804	4%	\$ 1,772,024	1%	\$ 1,625,857	0%	\$ 1,603,042	0%	\$ 17,638,727	5%
Aug-01	\$ 569,513,449	\$ 15,344,918	3%	\$ 3,305,630	1%	\$ 4,545,234	1%	\$ 4,801,994	1%	\$ 27,997,775	5%
Sep-01	\$ 193,119,838	\$ 6,492,345	3%	\$ 1,089,635	1%	\$ 2,225,022	1%	\$ 689,003	0%	\$ 10,496,005	5%
Oct-01	\$ 167,598,022	\$ 7,307,617	4%	\$ 1,514,234	1%	\$ 5,582,048	3%	\$ 14,403,899	9%		
Nov-01	\$ 152,726,458	\$ 5,896,866	4%	\$ 1,932,100	1%	\$ 891,443	1%	\$ 8,720,410	6%		
Dec-01	\$ 162,617,275	\$ 4,249,430	3%	\$ 995,912	1%	\$ 1,795,660	1%	\$ 7,041,002	4%		
Jan-02	\$ 169,114,538	\$ 4,603,989	3%	\$ 1,328,924	1%	\$ 999,869	1%	\$ 6,932,782	4%		
Feb-02	\$ 128,174,423	\$ 4,949,637	4%	\$ 988,313	1%	\$ 760,711	1%	\$ 6,698,661	5%		
Mar-02	\$ 173,757,055	\$ 7,871,772	5%	\$ 1,361,075	1%	\$ 591,897	0%	\$ 9,824,745	6%		
Apr-02	\$ 227,372,883	\$ 8,763,681	4%	\$ 799,348	0%	\$ 3,012,033	1%	\$ 12,575,062	6%		
May-02	\$ 193,153,839	\$ 4,859,821	3%	\$ 1,976,821	1%	\$ -	\$ 6,836,641	4%			
Jun-02	\$ 243,510,171	\$ 10,447,096	4%	\$ 2,158,556	1%	\$ -	\$ 12,605,652	5%			
Jul-02	\$ 423,363,985	\$ 14,296,715	3%	\$ 3,381,899	1%	\$ -	\$ 17,678,614	4%			
Aug-02	\$ 417,275,164	\$ 10,037,896	2%	\$ 2,592,885	1%	\$ -	\$ 12,630,782	3%			
Sep-02	\$ 254,643,037	\$ 8,336,608	3%	\$ 3,209,330	1%	\$ -	\$ 11,545,938	5%			
Oct-02	\$ 259,006,539	\$ 5,948,283	2%	\$ 2,087,459	1%	\$ 2,139,799	1%	\$ 10,175,540	4%		
Nov-02	\$ 253,526,260	\$ 5,452,407	2%	\$ 1,839,940	1%	\$ 2,351,205	1%	\$ 9,643,551	4%		
Dec-02	\$ 299,517,867	\$ 8,205,366	3%	\$ 1,386,782	0%	\$ 2,029,395	1%	\$ 11,621,543	4%		
Jan-03	\$ 399,263,104	\$ 9,844,614	2%	\$ 2,098,338	1%	\$ 1,191,493	0%	\$ 13,134,445	3%		
Feb-03	\$ 418,175,564	\$ 11,981,141	3%	\$ 2,458,047	1%	\$ 1,187,456	0%	\$ 15,626,644	4%		
Mar-03	\$ 426,467,140	\$ 9,873,309	2%	\$ -	\$ 1,773,369	0%	\$ 11,646,678	3%			
Apr-03	\$ 288,946,161	\$ 7,395,252	3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
May-03	\$ 248,638,313	\$ 5,874,403	2%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Jun-03	\$ 300,747,684	\$ 7,396,478	2%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Jul-03	\$ 418,581,237	\$ 13,132,010	3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Aug-03	\$ 514,126,607	\$ 13,977,562	3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Sep-03	\$ 283,123,546	\$ 6,445,812	2%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Oct-03	\$ 245,463,938	\$ 5,837,631	2%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
SUBTOTAL	\$ 13,111,440,133	\$ 363,098,914	\$ 243,616,283	\$ 84,041,906	\$ 50,370,235	\$ 681,068,193	5%				
Nov-03	\$ 216,846,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Dec-03	\$ 287,418,382	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Jan-04	\$ 505,153,722	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Feb-04	\$ 312,550,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
GRAND TOTAL	\$ 14,433,409,598	\$ 363,098,914	\$ 243,616,283	\$ 84,041,906	\$ 50,370,235	\$ 681,068,193	5%				

**24 month True ups for May 2000 & June 2000 were fairly high due to significant adjustments to two customers' congestion rent. (\$5M in May 2000 & \$11M in June 2000)

**NYISO
MARKET PARTICIPANT ENERGY BILLINGS
SUMMARY OF NET PAYABLES**

****PAYABLES****

	ORIGINAL INVOICE	4 MO TU	12 MO TU	24 MO TU	REBILL	TU TOTAL	% OF TU				
Nov-99	\$ 35,518,827	\$ -	\$ 4,367,509	12%	\$ 1,679,571	5%	\$ 6,894,549	19%			
Dec-99	\$ 102,079,272	\$ -	\$ 8,340,216	8%	\$ 1,696,026	2%	\$ 19,259,690	19%			
Jan-00	\$ 183,037,026	\$ -	\$ 12,925,858	7%	\$ 6,158,187	3%	\$ 28,756,693	16%			
Feb-00	\$ 185,282,663	\$ -	\$ 12,448,203	7%	\$ 1,547,338	1%	\$ 21,902,850	12%			
Mar-00	\$ 122,503,213	\$ -	\$ -	0%	\$ 1,160,468	1%	\$ 31,123,571	25%			
Apr-00	\$ 124,848,119	\$ -	\$ 9,564,586	8%	\$ 1,593,548	1%	\$ 11,158,134	9%			
May-00	\$ 232,582,089	\$ -	\$ 18,902,475	8%	\$ 7,780,529	3%	\$ 26,683,004	11%			
Jun-00	\$ 406,914,315	\$ -	\$ 26,020,673	6%	\$ 12,146,262	3%	\$ 38,166,935	9%			
Jul-00	\$ 243,016,054	\$ -	\$ 18,485,919	8%	\$ 2,720,323	1%	\$ 21,206,242	9%			
Aug-00	\$ 361,347,651	\$ -	\$ 35,133,640	10%	\$ 5,522,743	2%	\$ 40,656,383	11%			
Sep-00	\$ 294,082,367	\$ -	\$ 30,486,502	10%	\$ 6,594,252	2%	\$ 37,080,754	13%			
Oct-00	\$ 266,390,264	\$ -	\$ 2,714,042	1%	\$ 3,747,010	1%	\$ 21,819,570	8%			
Nov-00	\$ 246,642,946	\$ -	\$ 1,641,605	1%	\$ 1,788,082	1%	\$ 15,630,189	6%			
Dec-00	\$ 385,457,152	\$ -	\$ 3,608,151	1%	\$ 4,070,768	1%	\$ 27,238,727	7%			
Jan-01	\$ 334,775,998	\$ 12,164,291	4%	\$ 2,555,817	1%	\$ 1,505,088	0%	\$ 20,149,851	6%		
Feb-01	\$ 227,544,273	\$ 8,654,168	4%	\$ 1,776,808	1%	\$ 1,256,091	1%	\$ 14,800,320	7%		
Mar-01	\$ 234,105,528	\$ 7,955,548	3%	\$ 1,720,487	1%	\$ 748,584	0%	\$ 796,715	0%	\$ 14,489,543	6%
Apr-01	\$ 223,148,288	\$ 11,261,833	5%	\$ 2,545,748	1%	\$ 891,614	0%	\$ 658,557	0%	\$ 15,357,752	7%
May-01	\$ 250,351,122	\$ 16,266,662	6%	\$ 10,011,715	4%	\$ 1,839,840	1%	\$ 1,380,341	1%	\$ 29,498,559	12%
Jun-01	\$ 283,165,040	\$ 15,595,541	6%	\$ 4,128,716	1%	\$ 1,542,154	1%	\$ 1,311,283	0%	\$ 22,577,694	8%
Jul-01	\$ 319,423,484	\$ 13,300,599	4%	\$ 2,091,582	1%	\$ 1,642,515	1%	\$ 1,592,304	0%	\$ 18,627,000	6%
Aug-01	\$ 554,917,297	\$ 15,292,776	3%	\$ 3,690,366	1%	\$ 4,308,889	1%	\$ 4,797,469	1%	\$ 28,089,500	5%
Sep-01	\$ 182,063,076	\$ 6,493,353	4%	\$ 1,429,526	1%	\$ 2,218,595	1%	\$ 688,997	0%	\$ 10,830,471	6%
Oct-01	\$ 157,220,616	\$ 7,283,603	5%	\$ 1,830,221	1%	\$ 2,087,459	1%	\$ -	\$ 11,201,283	7%	
Nov-01	\$ 143,420,554	\$ 5,970,571	4%	\$ 1,932,886	1%	\$ 870,293	1%	\$ -	\$ 8,773,751	6%	
Dec-01	\$ 154,098,810	\$ 4,286,144	3%	\$ 999,872	1%	\$ 1,765,734	1%	\$ -	\$ 7,051,750	5%	
Jan-02	\$ 160,819,725	\$ 4,626,721	3%	\$ 1,299,584	1%	\$ 1,005,172	1%	\$ -	\$ 6,931,478	4%	
Feb-02	\$ 120,848,588	\$ 4,931,677	4%	\$ 989,372	1%	\$ 743,028	1%	\$ -	\$ 6,664,077	6%	
Mar-02	\$ 165,725,539	\$ 7,827,174	5%	\$ 1,411,595	1%	\$ -	\$ 592,554	0%	\$ 9,831,323	6%	
Apr-02	\$ 222,151,382	\$ 8,779,909	4%	\$ 832,067	0%	\$ -	\$ 2,982,051	1%	\$ 12,594,028	6%	
May-02	\$ 183,815,292	\$ 4,546,883	2%	\$ 1,976,201	1%	\$ -	\$ -	\$ 6,523,084	4%		
Jun-02	\$ 246,221,592	\$ 10,434,484	4%	\$ 2,155,248	1%	\$ -	\$ -	\$ 12,589,732	5%		
Jul-02	\$ 409,240,558	\$ 14,528,756	4%	\$ 3,375,870	1%	\$ -	\$ -	\$ 17,904,627	4%		
Aug-02	\$ 404,158,825	\$ 10,211,707	3%	\$ 2,426,894	1%	\$ -	\$ -	\$ 12,638,601	3%		
Sep-02	\$ 243,973,745	\$ 8,363,796	3%	\$ 3,174,497	1%	\$ -	\$ -	\$ 11,538,293	5%		
Oct-02	\$ 248,659,897	\$ 5,971,255	2%	\$ 1,740,455	1%	\$ 2,130,811	1%	\$ -	\$ 9,842,521	4%	
Nov-02	\$ 243,580,981	\$ 5,477,164	2%	\$ 1,818,673	1%	\$ 2,336,086	1%	\$ -	\$ 9,631,923	4%	
Dec-02	\$ 288,570,651	\$ 8,221,256	3%	\$ 1,368,392	0%	\$ 2,029,091	1%	\$ -	\$ 11,618,739	4%	
Jan-03	\$ 386,692,211	\$ 9,867,267	3%	\$ 2,071,685	1%	\$ 1,195,113	0%	\$ -	\$ 13,134,066	3%	
Feb-03	\$ 407,240,054	\$ 12,015,097	3%	\$ 2,443,568	1%	\$ 1,185,813	0%	\$ -	\$ 15,644,478	4%	
Mar-03	\$ 415,026,752	\$ 9,888,707	2%	\$ -	\$ -	\$ 1,773,369	0%	\$ -	\$ 11,662,076	3%	
Apr-03	\$ 278,826,241	\$ 7,393,788	3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
May-03	\$ 238,359,528	\$ 5,856,019	2%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Jun-03	\$ 289,166,413	\$ 7,355,535	3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Jul-03	\$ 404,807,368	\$ 13,029,763	3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Aug-03	\$ 494,075,742	\$ 14,065,141	3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sep-03	\$ 271,779,605	\$ 6,246,294	2%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Oct-03	\$ 234,334,309	\$ 5,816,672	2%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
SUBTOTAL	\$ 12,612,011,042	\$ 309,980,155	2%	\$ 246,437,222	2%	\$ 80,630,166	1%	\$ 50,464,227	0%	\$ 717,773,810	6%
Nov-03	\$ 206,281,555	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dec-03	\$ 275,110,914	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Jan-04	\$ 491,534,651	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Feb-04	\$ 300,622,192	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL	\$ 13,885,560,353	\$ 309,980,155		\$ 246,437,222		\$ 80,630,166		\$ 50,464,227		\$ 717,773,810	

NYISO Projects Portfolio Status Report February 2004

This report provides the current status of projects prioritized by the Project Prioritization Team (PPT). Please refer to the accompanying Projects Portfolio (Gantt chart) for the latest scheduling and deployment information. This information is updated monthly in preparation for the scheduled PPT meetings.

Priority Projects

A725 2004 SAS 70 Type 2 Audit

- KPMG auditing NYISO Bid-to-Bill process – progress continues.
- Audit scope period ends November 30th.
- Designated as “exempt” priority meaning that resources are made available when and as needed to support the audit.

A649 Oracle 9i Upgrades (Financials)

- The BAS Database was successfully upgraded to Oracle 9i on February 11th.
- The next phase of this project is the upgrade of the Oracle Financials system.
- FRS development is underway for this next phase.

A683 BEA Upgrade

- The primary deliverable of the second phase of this project has changed and is effectively a Proof of Concept of BEA clustering for use in the SMD2 project.
- The Proof of Concept is scheduled for completion in early April so that BEA clustering can be implemented in SMD prior to the beginning of Market Trials.

A573 SMD 2.0 Internal NYISO System Implementation

- MIS interfaces are in Phase E – Project System Operation/Functional Test Phase.
- BAS re-bills are in Phase E – Project System Operation/Functional Test Phase.
- MIS rules changes are in Phase E – Project System Operation/Functional Test Phase.
- BAS rules changes are in Phase D – Build/Unit-Sub System Test.
- Upload/Download is in Phase E – Project System Operation/Functional Test Phase.
- Bid Post is in Phase E – Project System Operation/Functional Test Phase.
- The PTS replacement is in Phase D – Build/Unit-Sub System Test.
- Price Verification is in Phase D – Build/Unit-Sub System Test.
- MMRD is in Phase D - Build/Unit-Sub System Test
- Probe support is in Phase B – Concept.
- The new Load Forecaster is in Phase E – Project System Operation/Functional Test Phase.

A574 SMD 2.0 ABB System Implementation Support

- Software development activities for Phase 2 of the SMD2 project tracked according to plan in February. Phase 2 features include a number of requirement enhancements to the core product software that was delivered in December. System design documents review

NYISO Projects Portfolio Status Report February 2004

and approval is being conducted with ABB staff, and test planning activities for the upcoming Phase 2 acceptance tests have started.

- A new software release was produced at the end of February that contains corrections to the high severity software defects that were identified during Phase 2 acceptance testing. The NYISO will conduct verification tests on this new release during the first two weeks in March. Additionally, some of the features planned for Phase 2 of the SMD2 project have been delivered with this release, and will be worked into the acceptance testing plan.
- The internal testing portion of the Market Trial testing process is ongoing at the NYISO facilities. Integration testing between ABB products and NYISO application has been successful, and functional testing of the core applications is tracking to plan. Some Market Participants have submitted sample upload/download templates from their in-house systems for NYISO functionality.

A620 AMP IV including Start-up and Min Gen Mitigation

- Project is currently in Phase D – Development.
- AMP IV will be incorporated into Legacy for pre-summer deployment, then into SMD2.

A688 Inadvertent Package Replacement

- Project is currently in Phase E – System Operational / Functional Test.
- This project is required to replace the current inadvertent interchange billing application that will be eliminated when SMD is deployed. The new application can be deployed once it has completed testing, as it is not dependent upon the SMD deployment.
- A prototype application has been developed however further development efforts are on hold pending the availability of resources.

A697 Auto Sys Replacement

- A baseline project schedule has been created and will undergo final review/feedback by the rest of the SMD project managers and key project team members by March 12th.
- In an effort to integrate the work on all SMD projects, the SMD project managers are working to identify and link the appropriate tasks on all plans to each other, so that an appropriate testing schedule can be created.
- **Next Steps:**
 - Perform any needed changes to the jobs and scripts for SMD.
 - Finalize baseline project schedules as per any feedback and comments that are received.
 - Continue coordination efforts in linking the AutoSys Replacement project schedule with other SMD project efforts.

A696 SMD-DAC

- FRS is still undergoing final review and comments by senior management.

NYISO Projects Portfolio Status Report February 2004

- The RFL Bridge and the D20 RTU build-outs were completed on February 13th.
- In an effort to integrate the work on all SMD projects, the SMD project managers are working to identify and link the appropriate tasks on all plans to each other, so that an appropriate testing schedule can be created.
- Test plan is undergoing review and updates.
- **Next Steps:**
 - Receive final approval on the baseline FRS.
 - Complete the last of development tasks.
 - Continue coordination efforts in linking the SMD-DAC project schedule.
 - Continue modification to the test plans.
- SMD-DAC was a component of project A573 and is now being tracked as a separate project (A696) for scheduling and resource purposes.

A647 Station Power Accounting

- Station Power FRS and SDS final versions are complete.
- Phase 2 of the Con Invoice code will be deployed into QA on March 3rd and estimated to deploy into production on April 13th.
- All six technical bulletins were created, approved by Legal, reviewed by Market Participants, and are currently undergoing the NYISO's official five-day review period.
- **Next Steps:**
 - Deploy Phase 2 of Con Invoice code into QA and begin testing.
 - Undergo five-day review period for technical bulletins and publish onto the NYISO Website.

A559 SMD2 Integration (EAI Phase II)

- Project A559 has been closed.

A577 SMD2 Integration (EAI Phase III & IV)

- Project is in Phase B – Project Concept Phase. Defining business requirements for the creation and distribution of preMGF files to Transmission Owners is nearing completion; Phase C & D – Design and Development, will commence shortly.

A686 Allocations Adjustments (EDRP, TSA, QSR)

- Project was deployed on February 19th
- This project enabled billing for emergency demand response program, thunderstorm alert, and quick start reserves. It is also intended to provide an interim capability to bill for DAM Congestion Reduction Shortfall (separate project A676 will address the full automation of this).

A710 SMD Web Environment

- Project is in Phase D & E, Development and QA Testing, activities for SMD's Web Posting of OASIS data continue.
- SMD Web physical environments for sandbox testing and Market trial testing are nearing completion. Activities to establish the ACC physical Web environments have been initiated.

NYISO Projects Portfolio Status Report February 2004

- QA resources are using SMD2's bidpost.nyiso.com to validate the generator bid submission templates provided by Market Participants.

A709 Reserve Pickup Reporting

- Project is currently in Phase D - Development

A600 Open Billing Issues

- The Billing Issues Group (BIG), chaired by the CFO, is responsible for resolving all identified billing issues. The A600 project was established to ensure timely action on internal billing issues (not including external items such as bad or missing metering data). Incentive Goal 7 tracks performance on the timely correction of these internal billing issues. The table below shows the total number of open billing issues coincident with the last BIG meeting, the meeting a month prior and the meeting six-months prior.

*A600 – Open Billing Issues Status			
Number of Open Issues Needing Work	03/02/2004	02/04/2004	09/03/2003
Total Goal 7 Issues	4	4	6
Total Non-Goal 7 Issues	4	7	17
Total Issues	8	11	23

* Note – the table structure and layout have changed to reflect the BIG committee review process.
(Source Billing Issues Group weekly report)

A630 Automate Voltage Support Billing Calculation

- Project is in Phase B – Requirements Development however, the ability to move forward with the project is dependent upon the availability of resources.
- For prioritization purposes, this project is considered as a part of the Billing Automation projects.

A687 Automate Local Black Start Calculation

- Project is delayed pending availability of resources
- For prioritization purposes, this project is considered as a part of the Billing Automation projects.

A636 85/15 Schedule 1 Split - Phase 1

- The Technical Design of this application is underway, once complete, a determination of whether to proceed with this project will be made.
- Customer Settlements will continue to calculate this component of customer bills manually until a software solution is made available.
- For prioritization purposes, this project is considered as a part of the Billing Automation projects.

A689 Store Intermediate Billing Calculation Data

- The project is currently on hold.

NYISO Projects Portfolio Status Report February 2004

A690 Grouped Units

- It was determined that this project must proceed as is has become a critical component for SMD. This project is now in Phase B – Requirements.
- For prioritization purposes, this project is considered as a part of the Billing Automation projects.

A676 Automate DAM Congestion Shortfall Calculation

- Interim capability to bill for DAM Congestion Reduction Shortfall will be implemented as part of A686 New Billing Allocations.
- Automation of the billing process is delayed pending availability of resources.
- For prioritization purposes, this project is considered as a part of the Billing Automation projects.

A619 Controllable Tie Lines Scheduling & Pricing

- Project is currently in Phase B – Requirements.
- Project being re-scoped for internal and external controllable tie lines including CSC and 1385.

A730 CSC Interim Solution

- Project is currently in Phase A – Concept of Operations
- Technical proposals being evaluated to contract with Scheduling Agent for interim solution.

A675 Billing Simulator

- A feasibility study has been completed.
- A proof-of-concept demonstration has been provided and the statement of work has been completed and signed.
- Hardware and software configurations have been completed.
- Use case reviews are on going.

A708 Consolidate NYISO Offices

- The facilities project has been restructured into three separate projects with the same priority. These projects are now defined as:
 - A708 New NYISO Facility
 - A724 PCC Modifications – Security
 - A734 Guard Deployment – 24x7
- Project plans for these three projects are being developed.

A658 Facilitated Checkout

- Final Facilitated Checkout specification approved by all NPCC member organizations on December 17. This establishes a common protocol that will be utilized to exchange transaction data throughout the Northeast.

NYISO Projects Portfolio Status Report February 2004

- NYISO and ISO-NE are coordinating a joint release of the final FCO Web Service specification in the early February timeframe. IMO and HQ have also both initiated efforts to implement the standard Web Services before summer of 2004.
- A new NYISO checkout application has been developed that will utilize the FCO services deployed at our neighboring Control Areas. This will provide operations with a complete view of the transaction stack of each neighbor, assisting with the real-time checkout process. The application will be deployed once the neighbor Web Services are in place and adequate user acceptance testing can be completed. The goal is to have the new application in place (and supported by our neighboring CA's) before the Summer 2004 capability period.

A543 UCAP Market Automation

- Project is currently in Phase E – Construction Phase
- The contractor delivered five code builds.
- QA environment testing the delivered builds.

A541 TCC Online Auction Automation

- Project is currently in Phase D – Elaboration.
- Design and implementation will be done after work is completed on A543.

A706 Develop a Virtual Regional Dispatch

- Scope and requirements have yet to be fully defined.

A663 DSS Settlements Datamart IV

- Completed and deployed final report sets to support C&D deployment and Application Enhancements.
- Currently working on Holes Set 1, which is scheduled to deploy on April 8th.
- Project team is wrapping up work on including additional corporate reports definitions and expects this project to close out in April.

A664 DSS Enhancements V

- Started work on detailed Project Plan:
 - Created major categories
 - Working on timeline and resources
 - Prioritizing work with DSS Steering Committee
 - Looking at other projects and their potential impacts
- Completed FRS for ADD and waiting approval.
- Working on proof-of-concepts and SDS.
- Next DSS release: April 7th and 8th: Automated Invoice & Transportable space
- Training and Mentoring:
 - Continue Quickstart/Mentoring program with Customer Settlement.
 - Started Quickstart / Mentoring program with Market Monitoring
 - Updated DSS introductory course training materials
- Updated Billing and Accounting Manual and awaiting approval.

NYISO Projects Portfolio Status Report February 2004

- Working on November 1999 part 2 (scheduled to deploy week of March 1st and continuing work on November 1999 part 3.

A700 Computer System Availability Monitoring

- Scope and requirements have yet to be fully defined.

A699 MDEX Enhancements

- Scope and requirements have yet to be fully defined.

A704 Operational Information to the Marketplace

- Scope and requirements have yet to be fully defined.

A707 Assess Options to shorten Billing Cycle

- Scope and requirements have yet to be fully defined.

A705 Inter-ISO Standards for Market Messages

- Scope and requirements have yet to be fully defined.

A556 Documentum Implementation

- End user training began on February 24th and will continue on March 4, 9, and 10. The first training class was very well received.
- Rollout to the first two departments, Committee Support and Regulatory Affairs, is scheduled for March 23rd which is a confirmed goal 9 date.
- There is a great amount of interest from various departments wanting to implement Documentum.
- The next phase of the project will implement Documentum within IT to manage the SMD2 documentation and work of the FRS and SDS has begun.

A703 SW Development Lifecycle Tools

- Scope and requirements have yet to be fully defined.

A701 New Technology Initiatives

- Scope and requirements have yet to be fully defined.

A657 15-Minute Schedules and ICAP Prescheduling (OSS SMD2 Support)

- Development complete. Targeted for integration with SMD SAT testing.
- Contingency plan under development to allow deployment to legacy base code in Spring 04.

A660 E-Tagging Integration

- QA testing underway.
- Targeting deployment, Spring 2004 in Legacy.

NYISO Projects Portfolio
Status Report
February 2004

A674 Facilities Management

- The Project Team is reviewing the remaining open items in this project and will be closing the project shortly.

A702 Enhanced Market Security

- Scope and requirements have yet to be fully defined.

Studies & Training Projects

The NYISO Projects Portfolio (Gantt chart) also shows a number of projects under the category Studies and Training. These projects are internal to the NYISO organization and for that reason their individual status and priority is not included in this report.

Project ID	Project Description	Priority	Next Deployment	Project Manager	Project Sponsor	Estim Level	Remaining Hours	2004											
								Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1 -- Priority Projects																			
A725	2004 SAS 70 Type 2 Audit	Exempt		RUBIN	BUDD	N/A	N/A												
A649	Oracle 9i Upgrades	1	02/11/04	FARNEY	FELL	2	1,012												
A683	BEA Upgrade	2	03/01/04	FARNEY	FELL	2	572												
A573	SMD 2.0 Internal NYISO System Implementation	3	09/15/04	SMITH	CALIMANO & KING	2	39,874												
A574	SMD 2.0 ABB System Implementation Support	3	09/15/04	MILLS	CALIMANO & KING	2	12,937												
A620	AMP IV Including Startup & Mingen Mitigation	3	04/15/04	PELUSO	BUDD	2	641												
A688	Inadvertent Package Replacement	3	03/19/04	MCGINNIS	FRANKOWSKI	2	112												
A697	AutoSys Replacement	3		VETTER	FELL	N/A	N/A												
A696	SDAC Replacement	3	06/11/04	VETTER	FELL	2	1,032												
A647	Station Power Accounting	3	03/16/04	VETTER	FRANKOWSKI	2	1,062												
A686	Allocation Adjustments (EDRP, TA, QSR)	3	Deployed	MCGINNIS	FRANKOWSKI	3	339												
A710	SMD Web Environment	3		MILLER	FELL	2	1,431												
A709	Reserve Pickup Reporting	3		MCGINNIS	CALIMANO	N/A	N/A												
A600	Open Billing Issues	4		DUFFY	FRANKOWSKI	1	2,265												
A630	Automate the Voltage Support Service Corrections	4		MCGINNIS	FRANKOWSKI	N/A	N/A												
A687	Automate Local Black Start Calculation	4		MCGINNIS	FRANKOWSKI	N/A	N/A												
A636	85/15 Rate Schedule 1 Split - Phase 1	4		MCGINNIS	FRANKOWSKI	N/A	N/A												
A685	85/15 Rate Schedule 1 Split - Phase 2	4		MCGINNIS	FRANKOWSKI	N/A	N/A												
A689	Store Intermediate Billing Calculation Data	4		MCGINNIS	FRANKOWSKI	1	1,222												
A690	Grouped Units	4		MCGINNIS	FRANKOWSKI	N/A	N/A												
A676	Automate DAM Congestion Shortfall Calculation	4		MCGINNIS	FRANKOWSKI	N/A	N/A												
A619	Controllable Tie Lines Scheduling and Pricing	5		FITTS	CALIMANO	1	5,780												
A675	Billing Simulator	6		PELUSO	FRANKOWSKI	N/A	N/A												
A708	Consolidated NYISO Offices	7		FARNEY	RAGOGNA	N/A	N/A												
A658	Facilitated Checkout	8	02/13/04	MARTIN	FELL	2	4,303												
A543	UCAP Market Automation	9		FITTS	KING	3	8,946												
A541	TCC Online Auction Automation	10		FITTS	KING	N/A	N/A												
A706	Develop a Virtual Regional Dispatch	11		VETTER	KING	N/A	N/A												

Legend

12-B

Estimate Level

- 1 - Class 100 Estimate Based on Concept of Operations
- 2 - Class 50 Estimate Based on Functional Requirements Specification
- 3 - Class 10 Estimate Based on Detailed Design
- * - Estimate Through Identified Deployments Only

Duration Based Schedule

Resource Limited Schedule

Deployment Milestone

Estimated FRS Completion


Project ID	Project Description	Priority	Next Deployment	Project Manager	Project Sponsor	Estim Level	Remaining Hours	2004											
								Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
A663	DSS Settlements Datamart IV	12		LE	FELL	2	1,615												
A664	DSS Market Monitoring Datamart I	13		PETERS	FELL	2	13,546												
A700	Computer Systems Availability Monitoring	14		RINALDI	FELL	N/A	N/A												
A699	MDEX Enhancements	15		LE	MURPHY	N/A	N/A												
A704	Operational Information to the Marketplace	16		VETTER	KING	N/A	N/A												
A707	Process to Enhance the Settlement Cycle	17		MCGINNIS	FRANKOWSKI	N/A	N/A												
A705	Inter-ISO Standards for Market Messages	18		PELUSO	FELL	N/A	N/A												
A556	Documentum Implementation	19	03/09/04	FARNEY	SANFORD	3	646												
A703	SW Development Lifecycle Tools	20		FITTS	FELL	N/A	N/A												
A701	New Technology Initiatives	21		PELUSO	FELL	N/A	N/A												
A657	OSS SMD Support (15-Min Schedules and ICAP Prescheduling)	22		PELUSO	FELL	2	3,582												
A660	E-Tagging Integration	23		PELUSO	FELL	1	738												
A674	Facilities Manangement	24		FARNEY	CALIMANO	N/A	N/A												
A702	Enhanced Market Security	25		FITTS	FELL	N/A	N/A												

Legend

12-B

Estimate Level

- 1 - Class 100 Estimate Based on Concept of Operations
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Duration Based Schedule 

Resource Limited Schedule 


Deployment Milestone 

Estimated FRS Completion 

Project ID	Project Description	Priority	Next Deployment	Project Manager	Project Sponsor	Estim Level	Remaining Hours	2004											
								Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2 -- Studies & Training																			
A212	2002 New York Area Transmission Review	1		COREY	BROWN	2	N/A												
A680	Annual (2003) New York Area Transmission Review	2	04/15/04	COREY	BROWN	2	N/A												
A037	NYISO/TO Baseline Plan Study - 2001	3		COREY	BROWN	2	N/A												
A213	Class 2002 Cost Allocation	4		COREY	BROWN	2	N/A												
A681	Class 2003 Cost Allocation (Including ATBA and ATRA)	5		COREY	BROWN	2	N/A												
A591	Calpine (was SkyGen) Waterford	6	04/05/04	COREY	BROWN	2	N/A												
A208	NYSEG Solutions So. Glens Falls Expansion (Reimbursable)	7	03/01/04	COREY	BROWN	2	N/A												
A653	SRIS / Global Winds Harvest Prattsburgh Project	8	04/25/04	COREY	BROWN	2	N/A												
A655	SRIS for the Bay Energy Project (Reimbursable)	9	03/30/04	COREY	BROWN	2	N/A												
A678	SRIS for the Conjunction Empire Conn. HVDC Project	10	03/01/04	COREY	BROWN	2	N/A												
A679	SIS for Liberty Proposed Transmission Expansion	11	09/24/04	COREY	BROWN	2	N/A												
A682	NYISO Transmission Planning Process	12	12/28/04	COREY	BROWN	2	N/A												
A617	Develop Transfer Limits for 2002 MARS Study	13		COREY	BROWN	2	N/A												
A618	Develop Access to Historic System Data	14	03/01/04	COREY	BROWN	2	N/A												
A692	NYISO-NYSERDA Wind Generation Integration Study	15	01/06/05	COREY	BROWN	2	N/A												
A695	SRIS for Uprates of the Entergy Indian Point Nuc Units [NEW]	17		COREY	BROWN	2	N/A												
A726	SRIS for the East Coast Power Linden Gen Expansion Project	18		COREY	BROWN	2	N/A												
A727	SRIS for the East Coast Power Linden VFT Inter-Tie Project	19		COREY	BROWN	2	N/A												
A621	Restoration Sensitivity Studies	N/A		WALDELE	CALIMANO	N/A	N/A												
A645	Operations Reactive Study	N/A		WALDELE	CALIMANO	N/A	N/A												
A672	Quebec - New York Interconnection Limit Analysis	N/A		WALDELE	CALIMANO	N/A	N/A												
A673	Athens Generation In-Service Operating Study	N/A		WALDELE	CALIMANO	N/A	N/A												

Legend
12-B
Estimate Level

- 1 - Class 100 Estimate Based on Concept of Operations
- 2 - Class 50 Estimate Based on Functional Requirements Specification
- 3 - Class 10 Estimate Based on Detailed Design
- * - Estimate Through Identified Deployments Only

 Duration Based Schedule 

 Resource Limited Schedule 

 Deployment Milestone 

 Estimated FRS Completion 