Project Description		Status and Milestone Deliverables
	Billing System Corrections (Baseline)	**Status:** Billing system problem resolution continues on a regular basis by a dedicated team of development staff. Once identified, billing issues are reviewed, solutions are designed, and fixes are applied at the first feasible deployment opportunity. **Deliverables:** The NYISO has allocated a team of development and analyst staff to investigate all reported billing problems, design solutions to correct known issues, and implement fixes in order to provide the most accurate settlements possible.
A636	Billing Rate Schedule 1 Allocation 80/20	**Status:** Functional Requirement Specification completed on March 15th. Development is in progress and a September deployment is planned. **Deliverables:** Implementation of Billing and Accounting System (BAS), software changes to facilitate the automatic calculation and allocation of LSE and Power supplier Rate Schedule #1 charges in BAS.
A716	Billing: NTAC & TSC Rate Management	**Status**: Functional Requirement Specification completed April 30, 2005. Development is in progress and a September deployment is planned. **Deliverables:** Modification of BAS software to eliminate fees (TSC charges to TO's and NTAC charges by NYPA) between NYISO and ISO-NE, which are due to be billed beginning of December 2004. Develop interface for MP's to enter TSC and NTAC Rates. Automation of manual processes within settlements. Delivery includes a BAS – NTAC interface, consolidated invoice, allocation adjustment tool, Web interface and distribution factor process. Modify TSC calculator to use newly created summary and detail pages. Modifications for TSC MW reporting to transaction customers on hourly statement.
A799	Billing Simulator - BAS Replacement Strategy	**Status:** Vendors have been selected and development is in progress to deliver use case functionality. Multiphase deliverables are planned. Functionality is to be deployed to production June through December, 2005. **Deliverables:** Continuation of development and enhancements to the current system. Implementation of remaining settlement rules (SMD2 and legacy), and build foundation for potential BAS replacement. Design, develop and implement remaining use cases (approximately 100) into a production environment by December 31, 2005.
A795	DSS - Customer Settlement	**Status:** 2nd Qtr releases are on track, development is in progress. **Deliverables:** DSS has multiple releases planned for this year. *March -* Phase I FERC EQR (completed). Reporting to help MP's obtain NYISO data to include as part of their filing to FERC. In this release, the NYISO will provide the mechanism to download the report, existing data elements in the DSS. Planned Business Objects upgrade will be deployed at a later date due to vendor bug issues discovered in testing and not yet resolved.

April – Business Objects upgrade (completed).
May – Provide enhanced reporting capability related to Controllable Tie Lines.
June - Modify sign of data elements in the DSS to be consistent with NYISO sign convention. This will help MP's tie out DSS reporting to invoices. FERC Reporting phase II to provide additional manual adjustment and data elements.
September and December releases are in the planning stages to finalize functionality.

**note some of the listed functionality is from baseline budget

---

A541 TCC Online Auction Automation

Status: The requirements generation for the TCC Auction Automation project was partially completed in 2004, following the review of the TCC auction processes performed by Bearing Point. The requirements process is being revisited in order to ensure that the recommendations that were presented can be fully incorporated in the delivered product. Requirement validation phase is underway following a planning kick-off held in early February. The kick off encompassed a short term (8 week) plan. An RFI/Vision document, straw man timelines, and executive summary with detail to determine the 'buy v. build' strategy was completed. Following detailed analysis of vendor response to RFO NYISO is currently reviewing confirmation of build strategy.

Planning and analysis in underway to deliver functionality with a phased approach. Currently developing detailed requirements and planning deliverables.

Deliverables: This project will take a phased approach to fully automate the TCC auction and data validation processes. Early phases will produce a set of data validation tools that will compliment the current processes. Final delivery will produce user interfaces that can support the online data entry, reporting of TCC auction information, and provide auction data to the auction analysis products. It is anticipated this project will continue into 2006.

A543 ICAP Market Automation

Status: Development completed 2/15/2005. User Acceptance testing in progress by Auxiliary Market Operations. Deployment targeted for *September 20, 2005*. Schedule has been adjusted to address Market Participant sandbox testing, and two (2) scheduled market trials. Technical Conference conducted on March 21, 2005. A second Tech Conference was held on *May 18, 2005*, in preparation for Market Trials.

Sandbox Exercise scheduled - 06/06/2005 – 06/10/2005
Three (3) Market Trial exercises planned June - August

Project schedule has been adjusted to model implementation after SMD2.

Project Description		Status and Milestone Deliverables
		Deliverable: An automated application to run the ICAP market, also implementing a security model for single sign-on. Allow Market Participants to place bids and offers via the web or upload templates, execute the monthly and strip auctions, perform certification, run the spot auction and post the results and bills.
A619	Controllable Tie Lines Scheduling & Pricing	**Status:** Integration testing w/ SMD 2.1 in progress. Technical Bulletin to be posted week of May 16th. WebEx training schedules are being conducted in May 2005. *May 31, 2005* deployment is scheduled. **Deliverables:** This project will provide an external proxy bus representation for controllable tie lines (HVDC and/or PAR) which span two control areas. The project addresses both the external node pricing calculations as well as scheduling of primary and secondary party transactions. It also includes additional changes necessary for NY/NE coordination for the Cross Sound Cable project.
A764	15 Minute Scheduling	**Status:** Functional Requirement Specification has been completed. Development is in progress and code will be delivered for testing on May 31, 2005. Project schedule is under review to allow additional time for testing. **Deliverable:** *FERC mandated feature required to be implemented within 150 days of SMD go live date.* This project will offer Market Participants more flexibility with their Real Time Bid Management, and enhance SMD2 functionality to address the loss of price chasing capability of units incapable of responding to five minute dispatch signals. The new software will perform 15-minute economic dispatch scheduling for nominally off-dispatch units during the Real-Time Commitment (RTC) execution and reflect those schedules into the Real-Time Dispatch (RTD) process.
A769	Scheduling of Combined Cycle Units	**Status:** This project is in the concept development phase. **Deliverables:** Market Participants have historically expressed concern that NYISO does not model or schedule combined cycle generating units to their most efficient capabilities, thus impacting both real-time operations and market outcomes. This project will deliver a scheduling software solution and network modeling optimization for combined cycle generating units. Software will perform 15-minute economic dispatch scheduling for nominally off dispatch units during the real-time commitment execution and reflect those schedules into the real-time dispatch process.
A774	SMD 2.1	**Status:** The SMD2.1 release scheduled for *May 31, 2005*. We are currently at the end stages of integration testing along with the CTL project. Testing is going well and we have no major problems to report. Additional June release deliverables are in the planning stage to address RTD pricing enhancements and will be scheduled for deployment following testing and FERC approval. ABB vendor is on schedule to have this code delivered to the NYISO by 5/31/05.

Project Description	Status and Milestone Deliverables
	Deliverables: Following the implementation of SMD2 and its suite of applications, it is expected that a subset of planned functionality will fail to make the initial release. Included in this feature set is the original project Phase2b and Phase 3 features; these items are SMD2 post-live requirements as defined.
A699 — Web Consolidation / Market Data Exchange (Portal)	**Status:** Technical components deployed on *April 26, 2005*. Site cut over is scheduled for May 24, 2005. **Deliverables:** Primary deliverable is to combine the existing two NYISO web sites. (MDEX.com and NYISO.com) Also enhancing Web publishing functionality and migrating to standardized security. Additional Portal release will be scheduled in 2005.
A775 — Consolidate NYISO Offices	**Status:** Preliminary design specifications for the retrofit were completed 3/31/05. An RFP was sent to six (6) Architectural Engineering firms on 4/22/05. This RFP covers the detailed design of all modifications to the new HQ and to perform the actual construction. The responses to the RFP were received on 5/20/05 with five of the six firms bidding on the project. The selection of an AE / Construction Manager for the project is expected by 6/3/05. Final approval of the site modifications was given by East Greenbush. Final town approvals from North Greenbush are expected at the 6/6/05 Town Meeting. The closing on the building is contingent on having town approval for all the expected modifications to the building. Activities to close on the building are on going with the plan to close on the building on 6/30/05. Once we close on the building, work will start immediately on final design and construction of the fourth floor. A detailed migration plan to the 4th floor of the new HQ building has been developed. The goal is to move onto the 4th floor during the months of November and December. The development of a Data Center and Control Room migration plan is starting this week. Milestones for this effort includes closing on building on June 30, 2005, completion of renovations for 4th floor by October 30, 2005, and migration out of Washington Avenue to the 4th floor by end of December 2005. **Deliverables:** This project seeks to secure during 2005 ~150,000 square feet of office space to include administrative offices, alternate control center and back-up IT/disaster recovery functionality. During 2006, this facility would replace the current NYISO locations at Washington Avenue, Wolf Road, and Western Turnpike.
A780 — e-Tagging 2.0	**Status:** The Business Owner/Stakeholder approved the functional requirement specifications on 1/4/2005. Development is complete. QA testing is in progress. The deployment date is scheduled for June 28, 2005. **Deliverables:** Provide more flexibility in approval / denial of E-Tag requests. Prevent MIS bids with "Phantom"

Project Description	Status and Milestone Deliverables
	TagID's from flowing if not created by T-20.

	Completed	
A573 A574 A577	SMD 2.0	**Status:** SMD2 was deployed on *02/01/2005* **Delivery:** SMD2's EAI monitoring solution is supporting SMD parallel operations, allowing proactive management of EAI processes in the SMD2 production environments. The second phase of the monitoring solution (enhanced reporting for computer operators).
A757	Billing: TCC Settlement	**Status:** Completed. November 2004 **Deliverables:** This project provides for changes to the BAS to allow for calculation and billing of settlements associated with TCC surcharges and tracking of working capital accounts as required in the TCC Settlement Agreement approved by FERC in July 2004.

	To be Scheduled	
A767	MIS Enhancements: Comprehensive Bid Management System	**Status:** This project has not yet started. **Deliverables:** This project will upgrade the web-based application structure to replace overlapping applications by allowing common components to support current application functionality and future application functional growth.
A770	Outage Schedule Reporting	**Status:** This project has not yet started. **Deliverables:** The Outage Scheduling software was moved entirely to the Ranger system for both Scheduling and Operations to provide consistency. Due to the timeframe for the SMD2 project, the processes of creating the Outage Schedule reports on the primary database was left on a secondary database. The creation of the required reports needs to be ported to the RANGER system as intended.
A766	Self Supply of Reserves	**Status:** This project has not yet started. **Deliverables:** FERC has ordered that the NYISO markets be expanded to provide a mechanism for Market Participants to self-supply for reserves. Project will need to be readdressed later in the year.

Project Description		Status and Milestone Deliverables
A706	Intra-Hour Transaction Scheduling (a.k.a. VRD)	**Status:** This project has not yet started. **Deliverables:** In 2005, NYISO will conduct a pilot project to assess the ability to evaluate and schedule intra-hour transactions and to identify any operational issues with scheduling. Additional work in 2005 will be based on the outcome of the pilot program, however, it is not expected that any significant software development will be completed in 2005.
A771	Documentum Expanded Implementation	**Status:** This project has not yet started. **Deliverables**: NYISO has a growing number of critical business documents, which are information assets and need to be managed as such. Documentum provides the tools to manage these critical documents. In addition, documentum can satisfy the demand for increased efficiency, quality and control in the document life cycle process through an enterprise-wide repository for all documents, automation of life cycle processes, document retention/archival, and SAS 70 compliance requirements. Documentum will provide a number of key functionality including: version control, workflow, check-in/out, document level security, full text search, and e-mail integration and tracking.