

PPT Report to BIC –August 13, 2003

The Project Prioritization Team met most recently on July 16, 2003 in Albany. Joe Oates assumed the Chair as of this meeting. The agenda included discussions about projects currently in progress. The Station Power Accounting project was elevated to priority # 7 (from # 15) recognizing the need for implementation to support the 12-month final bill initiative. PPT meeting notes are posted on the NYISO web site under the Services | Board of Directors, Committees & Working Groups | Project Management section. The next PPT meeting will be August 27 in Albany.

Project Deployments:

During the month of July, NYISO deployed four high priority projects that delivered significant market enhancements and greater MP visibility to billing data. A fifth deployment added a new software application for staff to use in tracking software code defects. Following is a summary of the projects that deployed in July:

A667 Scarcity pricing and shadow price adder – the software changes were deployed on July 17, however they were not activated until July 23 when FERC approval was received.

A668 Scheduling and pricing noncompetitive proxy interfaces – was also deployed on July 17 however it has not been activated due to a delay in receiving FERC approval.

A614 Day-Ahead Demand Response Program – enhancements to the DADRP program were deployed successfully on July 16.

A548 DSS Settlements Datamart I – the first release of the data warehouse (DSS - decision support system) was made available to MPs on July 15. With this release an initial set of billing data became available through this new interface.

A669 ClearQuest Implementation - ClearQuest is a software application (part of the Rational software suite) that will be used to track defects or bugs identified as code is developed and tested. The software was deployed on July 30 and was followed up with training for the IT software development/maintenance and QA staff who will be the primary users.

Status of Individual Projects

Market & Operations Enhancements Projects

A600 Open Billing Issues

- This ongoing project addresses identified billing issues requiring immediate action.
- Goal 7 issues are those items identified as internal billing system problems and do not include external items such as bad or missing metering data. Timely correction of these internal issues is the focus of incentive goal # 7.
- Resources are assigned to address issues as they are identified or reported.

A600 – Open Billing Issues Status				
July	Open Issues at Month Beginning	Closed Issues	New Issues Opened	Open Issues at Month Ending
All issues	46	0	10	56
Goal 7 issues	1	0	4	5

A583 Billing System Improvements – Phase 2

- Project is currently in Phase E – System Operational/Functional Testing.
- The finalized Meter Authority Test Plan was reviewed at the Meter Authority Task Force meeting.
- Additional time was allocated for MA testing to facilitate the concurrent submission of test data from all MAs to validate system capacity.
- Key Project Milestone Dates
 - July 15 - Delivery of Phase 2 code to QA
 - July 21 – User (internal) Acceptance Testing
 - July 29 - Deployment of Phase 1 Fixes (necessary to support MA enrollment and account setup)
- July 28 - Begin Market Participant Testing - Part II
- Aug 12 - Deploy WBR

A668 Scheduling & Pricing Non-Competitive Proxy Interfaces

- Project is currently in Phase F – System Deployment & Acceptance Testing.
- Software was deployed in “OFF” position on June 17.
- Pending FERC approval before activating.

A636 85/15 Schedule 1 Split

- Project is currently in Phase C - Design
- FRS Status: Approved
- Due to resource constraints related to the delay of WBR, the design, development efforts for 85/15 remain on hold.
- This phase will provide the minimum functionality to enable Customer Settlements to enter applicable rates and allocate the Schedule 1 fees.
- Deployment Date: To be determined.
- These requirements added to the scope have been moved into separate projects:
 - New Billing Allocations

- EDRP Allocations
- NYC Zone Quick Start Reserves
- Thunderstorm Alert
- Local Black Start
- Inadvertent Energy
- Intermediate Data

A667 Scarcity Pricing and Shadow Price Adder

- Project is currently in Phase G – Closure.
- The objective is to implement reserve shortage cost pricing and allow EDRP and SCR resources to set energy prices in real-time.
- FERC approval was received with effective date of June 23.
- Software was activated on June 23.

A614 Day-ahead Demand Response Program Enhancements

- Project is currently in Phase G - Closure.
- Demand response providers will be able to submit load reduction bids.
- Project was deployed on July 16.

A637 GT Management II / Persistent Dragging

- Project is currently in Phase G - Closure.
- The deliverables to address the Persistent Dragging issue was deployed on June 24th.
- Two remaining deliverables in this project:
 - Modify the MIS OOM package to allow the dispatchers to derate units as a group.
 - Modify VN1 to correct a problem 30-minute GTs have at the top of the hour.
- Schedule to complete these deliverables is being developed.

A647 Station Power Accounting

- Project is currently in Phase B – Concept
- Continue finalizing FRS and resolve outstanding issues.
- Next steps
 - Continue to walk through the remainder of the FRS.
 - Acquire estimated completion date for the SDS.
 - Resolve issue regarding generators bidding issue on the DAM.
 - Resolve issue regarding charges for ancillary services.

A619 TransEnergie Cross Sound Cable

- Project is currently in Phase C - Design.
- Project will be re-assessed after the deployment of SMD 2.0

A541 TCC Online Auction Automation

- Project is currently in Phase D - Build/Unit Subsystem Test.
- Use Case requirements documenting in progress.

A543 UCAP Auction Automation

- Project is currently in Phase D - Build/Unit Subsystem Test.
- Four of 15 requirements (use cases) have been defined

- Use Case detailing in progress, user interface prototypes reviewed, and infrastructure validation of the architecture.

A564 Bi-directional Modeling of Generation

- Project is currently in Phase B – Concept
- A draft FRS has been developed and is pending review by the Business Owner prior to distribution for review
- Resources have not been assigned to the project limiting the ability to develop Class 50 estimates
- Design and development efforts remain on hold pending the availability of resources.
- A request for resources has been submitted.

A630 Mechanize Grid Accounting Voltage Support

- Project is currently in Phase B – Concept
- Project efforts are on hold pending the availability of resources.

A624 Twelve Month Final Bill

- Project is currently in Phase B – Concept
- Project efforts are on hold pending the availability of resources.

Strategic Development Projects

A573 SMD 2.0 Market Systems Implementation

- MIS/BAS interfaces are in Phase D – Build/Unit-Sub System Test.
- MIS/BAS rules changes are in Phase B – Concept.
- The PTS replacement is in Phase D – Build/Unit-Sub System Test.
- Price Verification is in Phase D – Build/Unit-Sub System Test.
- MMRD & Probe support are in Phase B – Concept.
- The new Load Forecaster is in Phase D – Build/Unit-Sub System Test.

A574 SMD 2.0 Ranger Tracking

- Functional Design Documents complete; reviewed and approved by NYISO project team.
- All project hardware ordered, all major components received and staged at ABB facility.
- Test planning process underway; Factory Acceptance Test (FAT) and market trial procedures being defined.
- Software development activities underway at ABB for both Energy Management System (EMS) and market software.

A620 AMP IV including Start-up and Min Gen Mitigation

- Project is currently in Phase C – Design.
- AMP IV will be incorporated into SMD phase 1 .

A548 DSS Settlements Datamart I

- Project is currently in Phase G – Closure.
- Internal deployment achieved June 30.
- External deployment achieved July 15.
- Working toward future releases

A559 EAI Phase II

- SMD2 interfaces are in Phase C & D - solution designs are being confirmed and development activities are progressing.
- Portal's Phase E (QA testing) activities are underway. Business sponsors are planning the communications & training strategy for all stakeholders, including NYISO employees and Market Participants.
- Work Scheduling remains in the Concept Initiation & Development Phase as SMD2 requirements are refined and alternate solutions are investigated.
- EAI components to support the OSS PJM Ramp solution have completed Phase D (development) and QA testing has started.
- EAI hardware has arrived at NYISO; activities to establish the EAI environments that support SMD2 interfaces have been initiated.

A657 OSS SMD Support – ICAP Prescheduling

- No OSS changes are required to support 15-minute schedules with initial SMD roll-out.
- ICAP Prescheduling FRS completed and will soon be circulated for approval.
- ICAP Prescheduling SDS under development.
- On-track for availability for SMD SAT testing in November.

A658 Facilitated Checkout (FCO) - formerly known as OSS 2nd Node

- Positive review of FCO white paper at NPCC meeting in July. Member organizations enthusiastic about potential for FCO solution.
- Technical/business process collaboration underway with ISO-NE, IMO, PJM, and HQ.
- Second iteration Web Service release and functional ISO-NE pilot targeted for September.
- PJM agreed to pursue FCO based data exchange for use as early as October.
- FRS for operator application complete and ready for sponsor review and approval.
- Technical design for operator application underway.

A659 PJM Ramp Integration – formerly known as OSS 1.x Enhancements

- Development complete.
- Building QA environment for testing in preparation for August release.

A660 Tagging Integration – formerly known as OSS Online Presence

- Draft FRS complete and currently under team review.
- Business scope reviewed with NYISO stakeholders, ISO-NE, and PJM with positive feedback.
- Technical design work underway (targeted for September completion).
- OATI WebData software licensed for E-tag integration.

A661 DSS Settlements Datamart II

- Function requirements finalized.

A662 DSS Settlements Datamart III

- Function requirements being finalized.

A663 DSS Settlements Datamart IV

- Function requirements in work.

A664 DSS Market Monitoring Datamart I

- Finalizing function requirements

Infrastructure Projects

A649 Oracle 9i Upgrades

- Project is currently in Phase E – System Operational/Functional Test.
- The FRS for BAS upgrade is complete and being reviewed by the project team.
- Analysis of Autosys scripts is ongoing to ensure coordination with changes being introduced in the Web Based Reconciliation deployment.
- Hardware is on order for additional disk space required for both the production instance of BAS as well as the mirrored instance BAS.
- The QA server has been moved from the Annex to the PCC and is being configured.

A683 BEA Upgrade

- The FRS is under development and has gone through some technical review.
- The BEA project team has been working with BEA consultants to develop the upgrade plan/strategy to move from 6.1 to 8.1.
- Two QA servers have been identified and have been configured to support testing efforts.
- The decision was made to perform the upgrade in two phases with the Upgrade to 8.1 being the first phase and the implementation of clustering being phase 2.

A669 ClearQuest Implementation

- Project is currently in Phase G – Closure.
- The ClearQuest migration occurred on Wednesday, July 23. The migration consisted of three parts:
 - Migration of the existing databases from SQL Server to Oracle.
 - The upgrade to both the server and client applications from v2002 to v2003.
 - The migration of the database from standalone desktop machine to a production level server.
- Training sessions for the IT departments in the use of ClearQuest occurred July 24-29.

A556 Documentum Implementation

- An RFI (Request for Information) was sent to nine potential vendors on July 9.
- Responses were received from seven of the vendors by the due date of July 21.
- Document workflows and Business Requirements Specs were developed for the two pilot departments.
- Based on the responses to the RFIs and the BRS, a draft version of an RFP has been written and is under review.
- The final RFP will be sent to the vendors on Aug. 11 with final vendor selection expected in early September.

A674 Facilities Management

- Plans to build out the ACC and Dispatcher training at the Wolf Road facility have been developed.
- Initial SMD2 hardware arrived and was installed at Wolf Road in early July.
- Additional SMD2 hardware is arriving at both the PCC and at Wolf Road in early August. ABB will be on-site to perform the installations the week of Aug.18

A639 2003 SAS 70 Type 2 Audit

- KPMG has begun their fieldwork
- Project scope period is July 1 – December 31.