

## NYISO Projects Portfolio Status Report

The project portfolio has been rearranged into three categories: Priority Projects, Second Tier Projects, and Studies & Training Projects. This report provides summary information about Priority Projects and Second Tier Projects as reviewed with the Project Prioritization Team (PPT) on September 10, 2003. Studies & Training Projects are not included in this report since they are internally focused.

The current priority of each project is identified below along with an explanation of any change in categorization and priority since the previous PPT meeting that occurred on July 22, 2003. 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

#### A639 2003 SAS 70 Type 2 Audit

- KPMG has begun their fieldwork for the 2003 audit that spans from July to December.
- Designated as “exempt” priority meaning that resources are made available when and as needed to support the audit.
- The final KPMG report on the 2002 SAS 70 Type audit, project A582, was accepted by the NYISO Board's Audit & Compliance Committee in September.

#### 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 as well as those internal items identified by the BIG as Goal 7 issues.

A600 – Open Billing Issues Status				
August	Open Issues at Month Beginning	Closed Issues	New Issues Opened	Open Issues at Month Ending
All issues	57	8	4	53
Goal 7 issues	4	3	3	4

(Source Billing Issues Group weekly report)

#### A583 Billing System Improvements Phase 2

- Web based reconciliation was deployed successfully on August 13.
- Additional features will be deployed in mid to late-October.
- Designated priority # 2 (no change from previous report)

#### A649 Oracle 9i Upgrades

- This project will accomplish an upgrade of the Oracle software on all NYISO systems.
- The FRS is complete and has been approved by the Project Sponsor.
- Analysis and documentation of Autosys script changes is on track to be completed by September 19.
- Additional ESS storage has arrived and been configured.

- The QA server to be used to test the upgrade of BAS is on-line and configured.
- Upgrade of BAS to Oracle 9i is expected by late October.
- Designated priority # 3 – was formerly priority # 1 under Infrastructure projects.

#### **A683 BEA Upgrade**

- This project will accomplish an upgrade of the BEA (vendor name) software that is used on all NYISO web site servers.
- The upgrade will be performed in two phases: the first phase will upgrade to BEA software to version 8.1 and the second phase will be implementation of clustering.
- The first phase, upgrade to BEA 8.1, was successfully deployed on Sept. 30.
- Scheduling of the second phase is now being reviewed to assess the timing and impact on the SMD project.
- Designated priority # 4 - was formerly priority # 2 under Infrastructure projects.

#### **A668 Scheduling and Pricing Noncompetitive Proxy Interfaces**

- Project is currently in Phase G – Closure
- The final deliverable, implementing the bid production cost guarantee, was deployed on Oct. 1 however it has not been activated pending FERC approval.
- The project will remain on hold until FERC approval is received and the software code is activated and validated.
- Designated priority # 5 – was formerly priority # 2.

#### **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.
- Designated priority # 6 - was formerly priority # 13 under Strategic Development projects. This change is required as a result of the decision to incorporate AMP IV into the initial SMD deployment. AMP IV will not be implemented in the current market system.

#### **A688 Inadvertent Package Replacement (new)**

- 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.
- A prototype applications has been developed and is being tested by the business owner
- Designated priority # 7

#### **A574 SMD 2.0 Ranger Tracking**

- Four weeks of Factory Acceptance Tests (FAT) have been completed and the remainder of the tests are proceeding according to plan with minor variation.
- All testing tracks are now active with the exception of BMS.
- Design processes for Phase II have initiated and are now in review
- Designated priority # 8 - was formerly categorized as priority # 1 under Strategic Development projects. This project and A573 that follows are the highest priority initiatives. Projects prioritized ahead of these projects reflect the fact that they are dependencies for SMD completion.

#### **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 D – Build/Unit-Sub System Test.
- 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 D – Build/Unit-Sub System Test
- Designated priority # 9 - was formerly categorized as priority # 1 under Strategic Development projects. This project and A573 that follows are the highest priority initiatives. Projects prioritized ahead of these projects reflect the fact that they are dependencies for SMD completion.

#### **A647 Station Power Accounting**

- Project is currently in Phase C – Design
- Completion of the FRS and SDS is dependent upon resolution of issues surrounding the Ancillary Service charges.
- MIS portion of development is complete and pending deployment into the QA test environment.
- A Users' Guide is being developed and a separate sub-team has been put in place to begin its creation. MP's have been informed of this effort and their feedback has been requested.
- Designated priority # 10 - was formerly categorized as priority # 7. The change in priority reflects the fact that this project will be implemented in the Consolidated Invoice application thus allowing more time for deployment.

#### **A686 New Billing Allocations (EDRP, TSA, QSR) (new)**

- Project is currently in Phase C – Design.
- The SDS is currently under development.
- This project will enable 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).
- Designated priority # 11. This project will be implemented in the Consolidated Invoice application and is prioritized accordingly.

#### **A559 EAI Phase II**

- Phase C (Design) activities for SMD2 interfaces are concluding as designs are formally reviewed and approved. Phase D (Development) activities for SMD's EAI interfaces continue.
- Portal's final Phase F (Deployment) activities such as training and documentation updates are concluding. Portal deployed to Market Participants on 9/25/2003 after successfully completing the User Acceptance Test.
- Work Scheduling continues Phase C (Technical Design) as BMC's Control-M application is tested against SMD2 requirements.
- EAI components to support the OSS PJM Ramp solution successfully completed Phase E (QA/System Test) and are being deployed to production infrastructure.
- Environments are currently being implemented at the PCC to provide the platform for testing the SMD2 EAI interfaces.
- Designated priority # 12 - was formerly categorized as priority # 4 under Strategic Development projects.

#### **A661 DSS Settlements Datamart II and A662 DSS Settlements Datamart III**

- Combined to facilitate development, testing and deployment
- FRS in Approval Cycle
- Deployment scheduled for October 3 & 4, 2003

#### **A662 DSS Settlements Datamart III**

- Function requirements complete.
- Designated priority # 14 - was formerly categorized as priority # 9 under Strategic Development projects.

#### **A663 DSS Settlements Datamart IV**

- Functional requirements nearing completion.
- Design, Development and QA progressing according to Plans
- Deployment scheduled for mid December.

#### **A657 ICAP Prescheduling (formerly known as OSS SMD Support)**

- Development complete, pending stabilization testing.
- Targeted for integration with SMD SAT testing in November 2003.
- Designated priority # 16 - was formerly categorized as priority # 5 under Strategic Development projects.

#### **A541 TCC Online Auction Automation**

- Project is currently in Phase D – Elaboration.
- Use Case requirements documenting nearing completion.
- Design and implementation will be done after work is completed on A543 UCAP Auction Automation.
- Designated priority # 17 – was formerly categorized as priority # 9.

#### **A543 UCAP Market Automation**

- Project is currently in Phase E – Construction Phase
- Architecture prototype completed.
- Construction of high priority use cases in progress.
- Designated priority # 18 – was formerly categorized as priority # 10.

#### **A658 Facilitated Checkout (formerly known as OSS 2<sup>nd</sup> Node)**

- Functional pilot with ISO-NE was successful. ISO-NE reported "better data service" then available through previous exchange methods.
- IMO now accessing FCO Web Service for pilot testing.
- ISO-NE has implemented FCO Web Service (not yet released externally, pending security review and approval).
- Launched collaborative specification / development process with ISO-NE, IMO, HQ, PJM, and MISO through NPCC.
- All Northeast control areas agreed to target implementation of FCO web service for transaction data exchange by the end of 2003.
- Second release of FCO service with additional features (requested by neighbor CAs) on hold pending closure on final specification.
- Development of NYISO operator application progressing well with initial Operations review scheduled for week of 10/20.

- Designated priority # 19 - was formerly categorized as priority # 8 under Strategic Development projects.

#### **A659 PJM Ramp Integration in OSS (formerly known as OSS 1.x Enhancements)**

- Successfully deployed to production on schedule, 9/30/03.
- PJM Ramp data now integrated into OSS advisory ramp displays and preschedule bid pre-validation.
- Project closure phase underway.
- Designated priority # 20 - was formerly categorized as priority # 7 under Strategic Development projects.

#### **A660 E-Tagging Integration (formerly known as OSS Online Presence)**

- FRS complete and reviewed by business stakeholders.
- Technical design complete, reviewed, and approved.
- Development for Operations use cases (intelligent approve tag and automated tag updates) underway.
- Targeting late Q4 implementation.
- MP functionality (enhanced tagging related tools) to follow in 2004.
- Designated priority # 21 - was formerly categorized as priority # 11 under Strategic Development projects.

#### **A674 Facilities Management**

- Construction to build out the ACC and Dispatcher training at the Wolf Road facility is proceeding and expected to be completed in October.
- Additional SMD2 hardware arrived at both the PCC and at Wolf Road. ABB was on-site to perform the installations the week of August 18.
- Work on the Sonnet Ring continues and is expected by mid October.
- Designated priority # 22 - was formerly categorized as priority # 5 under Infrastructure projects.

#### **A556 Documentum Implementation**

- Responses to the RFP were received on Sept. 16 and have been reviewed.
- The contract will be awarded on Oct. 3.
- The selected vendor will be on-site to begin the implementation by Nov. 3.
- Designated priority # 23 - was formerly categorized as priority # 4 under Infrastructure projects.

## Second Tier Projects

Projects designed as Second Tier are considered lower priority than those described above. Work may proceed on these projects provided there are no resource conflicts with the higher prioritized projects or if outside resources can be used.

### **A619 TransEnergie Cross Sound Cable**

- Project is currently in Phase C – Design.
- NYISO is actively exploring the use of a third party to provide the secondary service scheduling.
- This project was formerly categorized as priority # 8.

### **A636 85/15 Schedule 1 Split - Phase 1**

- This project has been postponed because the code could not be developed, tested and implemented prior to a mid-November deadline on changes to the MIS and BAS applications. This deadline was established by NYISO to ensure that the SMD project interface with MIS and BAS can be completed to support the April 2004 schedule.
- Customer Settlements will continue to calculate this component of customer bills manually until a software solution is made available.
- This project was formerly categorized as priority # 3.

### **A685 85/15 Schedule 1 Split - Phase 2 (new)**

- Project is delayed pending availability of resources

### **A664 DSS Market Monitoring Datamart I**

- Requirements development has been postponed until 2004.

### **A689 Intermediate Data (new)**

- The requirements for this project are currently being reassessed.
- Depending upon the analysis of the requirements, this project may be put on hold

### **A687 Local Black Start (new)**

- Project is delayed pending availability of resources

### **A690 Grouped Units (new)**

- Project is delayed pending availability of resources

### **A564 Bi-directional Modeling of Generation**

- Primary deliverables have been incorporated into A647 Station Power project.
- Full implementation will be deferred, however accommodation of the Niagara unit will be addressed in A647 Station Power project.
- This project was formerly categorized as priority # 11.

### **A625 Direct Generator Communications Implementation**

- Project is delayed pending availability of resources

### **A675 Billing Simulator**

- A feasibility study is being completed, however design and implementation of this project is delayed pending availability of resources

### **A630 Mechanize Grid Accounting Voltage Support**

- Project is delayed pending availability of resources.

### **A676 DAM Congestion Shortfall Reduction**

- 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.

### **A637 GT Management II / Persistent Dragging**

- The deliverables related to Persistent Dragging were deployed in June.
- Two additional deliverables will not be completed at this time:
  - Modify the MIS OOM package to allow the dispatchers to de-rate units as a group.
  - Modify VN1 to correct a problem 30-minute GTs have at the top of the hour.
- After the SMD project is completed, these issues will be reassessed.
- This project has been closed.

## **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.