NYISO
PROJECT PRIORITIZATION TEAM (PPT)
AGENDA

February 12, 2004

3:00 - 4:00 PM

Teleconference

Dial In #: 505-242-2204   **Participant Code #: 760597**

1. **Meeting objectives**   Joe Oates   3:00 PM
   - **Approval of PPT Scope of Responsibilities document**

2. **Review of action items**   Tim Schmehl   3:05 PM

3. **Status of project incentive goals**   Tim Schmehl   3:10 PM

4. **Report on project budget**   Mary McGarvey   3:15 PM

5. **Report of active project**   Tim Schmehl   3:25 PM

6. **Report on SMD project**   Rich Dewey   3:40 PM

7. **New business**   Joe Oates   3:55 PM

8. **Adjourn**   4:00 PM

Meeting Objectives:
- Review project status, budgets and incentive goals

PPT Action Items
Updated 1/08/04
(Changes since last meeting in RED)

ID#	Initiated	Action Needed	Assignee	Target Date	Status
50	5/22/03	Provide a monthly report to PPT on progress made with the Reserve Pick-up application. A new project A709 was initiated to redesign the RPU application for implementation in SMD. The FRS and SDS are drafted and undergoing final review. The new application is now being developed and will be deployed as part of SMD.	J. Hickey	Report each month	Open
46	4/10/03	Integrate the "Project Description", "Project Status" and "Project Tracking" reports into a single comprehensive report. This will be addressed over next several months. Project scheduling software was upgraded in October. New reporting features are being evaluated for developing a prototype report to satisfy BS&P and PPT.	T. Schmehl	Q1 2004 ~~10/10/03~~ ~~09/30/03~~ ~~5/27/03~~	Open
Closed Items					
1	12/04/02	BIC requested consideration of: Steam units being turned off at day's end but needed next day for reserves. Perform an assessment of options (LECG) and develop order of magnitude estimate of effort required. Issue will be discussed at S&PWG on 1/9. Agreed to assign this item to S&PWG for further consideration.	R. Stalter	Q1 2004 ~~12/05/03~~ ~~10/10/03~~ ~~08/27/03~~ ~~4/30/03~~	Closed 1/08/04

NYISO Project Prioritization Team
Scope of Responsibilities
Final Draft – For Approval

<u>Objectives:</u>
The Project Prioritization Team (PPT) provides input and guidance to the NYISO on matters related to project identification, selection, prioritization, budgeting and monitoring.

<u>Scope:</u>
- Review and maintain a list of potential projects identified through the committee process and by NYISO staff.
- Review potential projects for future years and make budget recommendations to the Budget Standards & Performance Subcommittee.
- Assist in prioritizing projects that will be implemented within the current and future years.
- Monitor progress on project scope, cost and schedule throughout their lifecycle.
- Identify projects that have variances from their original scope, cost or schedule and recommend any that require review by the Management Committee.
- Ensure effective communication regarding projects with Market Participants and the governance committees, subcommittees, working groups, etc.
- Any additional responsibilities assigned by the Management Committee.

<u>Membership:</u>
- The Chairpersons and Vice-Chairpersons of the Management Committee, Business Issues Committee and Operating Committee will be members of the PPT.
- The Chairperson of the Budget, Standards and Performance Subcommittee (BS&P) will be a member of the PPT.
- The following NYISO staff will be members of the PPT: Manager of Project Management, Manager of Committee Support/MC Liaison, Controller and Asst. Treasurer. Other NYISO staff and officers will attend as needed.

<u>Meetings:</u>
- The PPT will have regularly scheduled meetings through the year typically on a monthly basis.
- The Management Committee may request additional or special meetings.
- All meeting notices, agendas and materials will be posted on NYISO web site in advance of the meetings.
- Final meeting notes for all meetings will be posted on NYISO web site.

Approved: February 12, 2004

NYISO Projects Portfolio Status Report

The project portfolio is divided into three categories: Priority Projects, Second Tier Projects, and Studies & Training Projects. This report provides summary information about Priority Projects and Second Tier Projects. Studies & Training Projects are not included in this report since they are internally focused. 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 report was complete on January 9.
- NYISO passed the SAS 70 Audit for the report period.

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
- This project will accomplish an upgrade of the Oracle software of the MIS, BAS and Oracle Financials databases.
- The FRS is complete and has been approved by the Project Sponsor.
- The project is in the final phase of testing.
- A detailed deployment plan has been created and is ready for deployment day.
- The upgrade of BAS to Oracle 9i is now scheduled for February 11 - 12.

A683 BEA Upgrade
- This project will accomplish an upgrade of the BEA (vendor name) software that is used on the production 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 September 30.
- The QA environment was configured the week of December 1.
- Due to dependency of this upgrade with SMD2, the project team will be meeting with the SMD2 team to determine if we should deploy directly into SMD and not upgrade the legacy environment.

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

- A significant schedule adjustment and contract revision was made for the SMD2 project due to a number of factors including, delivery slippages on the part of the vendor (ABB), expressed desire on the part of the Market Participants to expand the testing and market trial timeframes, relatively high number of software defects requiring correction from the first delivery phase, and the close proximity of the Summer peak season to the project deployment date.
- The new SMD2 project schedule will included a Phase 2 Factory Acceptance Test (FAT) at the NYISO site in April and May, an extended Market Trial period starting in June and continuing through August, and will be ready for commercial operation in the middle of September.
- The actual deployment date will be determined collaboratively with Market Participants, regulators, and other stakeholders following review of project progress, testing results, market conditions, and other factors.
- The project development team is making good progress on Phase 2 design and development, and is tracking ahead of scheduled in correcting software defects that were identified during Phase 1 acceptance testing.
- NYISO testing environment in Albany are fully functional and actively utilized in performance Quality Assurance and integration test of software developed by NYISO staff to interface with the ABB products.

A620 AMP IV including Start-up and Min Gen Mitigation

- Project is currently in Phase D – Development.
- AMP IV will be incorporated into Legecy 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 and is being tested by the business owner.

A697 Auto Sys Replacement

- All job/script documentation for all functional areas has been completed.
- Assessments are being performed on all jobs/scripts to determine any necessary modification as they impact the new SMD2 system. Modifications will be made based on this assessment.
- The new Control M software was successfully installed onto all of our new hardware for SMD2.
- The project team is working to begin determining what tasks need to be performed in order to integrate the Control M job scheduler with SMD2.

- Next Steps:
  - Complete assessment of any jobs/script changes.
  - Perform modification to jobs/scripts as they are identified.
  - Begin coordination integration tasks with the other SMD project managers.
  - Update the project schedule with all completed tasks and new tasks to add.

A696 SMD-DAC

- FRS is still undergoing final review and comments by senior management.
- The RFL Bridge (primary project solution) installment will be complete by February 2nd.
- Development on the D20 RTU is complete and the project team is now looking to connect this device to a Master Station in order to begin testing.
- The project team is going to begin coordination efforts with key folks on the main SMD projects in order to integrate the RFL Bridge and D20 RTU with the SMD platform.
- **Next Steps:**
  - Receive final approval on the baseline FRS.
  - Complete the last remaining development tasks associated with the RFL Bridge and D20 RTU
  - Begin coordinating integration tasks with the other SMD project managers.
  - Update the project schedule with all completed tasks and new tasks to add
- 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

- Phase 1 of the Con Invoice code will be deployed into production on February 3rd.
- Development and until testing for Phase 2 of the Con Invoice code is complete and will deploy into the QA environment on February 4th.
- All six technical bulletins reflecting this project have been created and presented to the Market Participant for their review and feedback. Modifications are currently being made based on the MP feedback
- **Next Steps:**
  - Deploy Phase 1 of Con Invoice into production.
  - Deploy Phase 2 of Con Invoice code into QA environment and begin testing.
  - Perform modification to the technical bulletins and resend for final review and approval.

A559 SMD2 Integration (EAI Phase II)

- The SMD EAI environments and interfaces (Price Verification and Load Forecast feeds) are available for Phase E (QA/System Test) Market Trial activities.

A686 Allocations Adjustments (EDRP, TSA, QSR)

- Project is currently in Phase E – System Operational/ Functional Test.
- The application is expected to deploy in early February.
- 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).

A710 SMD Web Environment
- Phase D (Development) activities for SMD's Web Posting of OASIS data continue. Integration testing of release one and two web postings nears completion, in preparation for Market Trial Testing.
- SMD Web physical environments are in place at PCC; these environments serve as the platform for Market Trial Testing. The necessary software and network configurations are being implemented.
- QA testing of bid submission via SMD's bidpost.nyiso.com is underway in preparation for Market Participant sandbox testing.

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	01/21/2004	12/23/2003	07/23/2003
Total Goal 7 Issues	4	2	3
Total Non-Goal 7 Issues	7	6	14
Total Issues	11	8	17

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

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. 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.

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.

A685 85/15 Schedule 1 Split - Phase 2
- Project is delayed pending availability of resources
- For prioritization purposes, this project is considered as a part of the Billing Automation projects.

A689 Store Intermediate Billing Calculation Data
- The requirements for this project are currently being reassessed.
- Depending upon the analysis of the requirements, this project may be put on hold

A690 Grouped Units
- Project is delayed pending availability of resources.
- For prioritization purposes, this project is considered as a part of the Billing Automation projects.

A630 Automate Voltage Support Billing Calculation
- Project is delayed pending availability of resources.
- 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.

A675 Billing Simulator
- A feasibility study is being completed.
- A proof-of-concept demonstration has been provided and a proposed statement of work for the upcoming deliverables is being reviewed.

A708 Consolidate NYISO Offices [NEW]
- Scope and requirements have yet to be fully defined.

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 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 four 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 [NEW]
- Scope and requirements have yet to be fully defined.

A709 Reserve Pickup Reporting [NEW]
- 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
- 2004 in the event of any SMD delay.

A663 DSS Settlements Datamart IV
- 65/45 Reports (Release Set 1) and Application Enhancements were deployed.
- Project team is wrapping up work including additional corporate report definition, and expects closure March/April 2004.
- Conducted Failover / Failback test with help from Unix group.

A664 DSS Enhancements V
- This project is in Phase A - Initiation
- 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
- Began internal Quickstart / Mentoring program with Customer Settlement. Feedbacks were very positive.
- Plan to continue Quickstat / Mentoring program with Market Monitoring and Market Relations
- Review training program and looking for further improvements.

A700 Computer System Availability Monitoring [NEW]
- Scope and requirements have yet to be fully defined.

A699 MDEX Enhancements [NEW]
- Scope and requirements have yet to be fully defined.

A704 Operational Information to the Marketplace [NEW]
- Scope and requirements have yet to be fully defined.

A705 Inter-ISO Standards for Market Messages [NEW]
- Scope and requirements have yet to be fully defined.

A707 Assess Options to shorten Bulling Cycle [NEW]
- Scope and requirements have yet to be fully defined.

A556 Documentum Implementation
- The FRS and Design specification were approved December 19.
- User Acceptance Testing (UAT) occurred the first two weeks in January.
- End User Training is scheduled for the last two weeks of February.
- Because of some issues with the UAT and the production hardware, deployment was moved to early March.

A703 SW Development Lifecyclle Tools [NEW]
- Scope and requirements have yet to be fully defined.

A701 New Technology Initiatives [NEW]
- Scope and requirements have yet to be fully defined.

A660 E-Tagging Integration
- QA testing underway.
- Targeting deployment, Spring 2004 in Legacy.
- Current plan targets integration with SMD testing and deployment.
- Contingency plan under development to allow deployment to legacy base code in Spring
- 2004 in the event of any SMD delay.

A674 Facilities Management
- The Project Team is reviewing the remaining open items in this project and will be closing the project shortly.

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.

NEW YORK INDEPENDENT SYSTEM OPERATOR — ISO PROJECT MANAGEMENT

For Discussion Only

Project ID	Project Description	Priority	Next Deployment	Project Manager	Project Sponsor	Estim Level	Remaining Hours	2004 Feb–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

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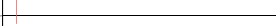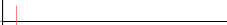2 - Class 50 Estimate Based on Functional Requirements Specification
3 - Class 10 Estimate Based on Detailed Design
* - Estimate Through Identified Deployments Only

Duration Based Schedule ▬
Resource Limited Schedule ▬
Deployment Milestone ▼
Estimated FRS Completion ★

NEW YORK INDEPENDENT SYSTEM OPERATOR
PROJECT MANAGEMENT

For Discussion Only

Project ID	Project Description	Priority	Next Deployment	Project Manager	Project Sponsor	Estim Level	Remaining Hours
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

2004 — Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Legend

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

NEW YORK INDEPENDENT SYSTEM OPERATOR
ISO PROJECT MANAGEMENT

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

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 ★

NYISO SMD2 Executive Dashboard

Summary:

Significant activities have been completed towards reworking the next phases of the project plan, and the associated contract payment schedule. The remaining deliverables will be divided into a Phase 2a (critical functionality required for "Go Live") and Phase 2b (desired functionality not necessarily required for "Go Live"). A communications plan was developed to roll out the revised schedule and market trial plans to the Market Participants; that plan was initiated at the December Management Committee meeting, and is in progress. Integration testing activities are continuing with the Phase 1 ABB code and the development results of the NYISO application modifications. The IT Operations group is actively engaged in hardware build-out of the testing environments with new systems purchased in December.

Task	Revised Status	%	Schedule (Jan–Jul)	Issues, (Updates)
Documentation Activities				
1 NYISO Review / Approval of RANGER SDDs	Green	15		
2 NYISO Review / Approval of User Manuals	Not Started			
ABB Application Development				
3 NYISO Approval of Phase 2a FDS / STS	Green	50		
4 NYISO Approval of Phase 2b FDS / STS	Green	20		
5 Phase 1 SPR Resolution (Critical)	Yellow	85		Large number available for validation.
6 Phase 1 SPR Resolution (High)	Green	50		Large number available for validation.
7 Phase 1 SPR Resolution (Medium)	Green	30		
8 ABB Phase 2a Development (SCADA/EMS)	Green	25		
9 ABB Phase 2a Development (BMS)	Green	40		
10 ABB Phase 2b Development	Not Started			
NYISO Application Modifications				
11 MIS Development	Yellow	85		
12 BAS Development	Yellow	85		
13 AMP Project Development	Yellow	33		
14 SMD-DAC Implementation	Yellow	40		
15 Web Posting Redesign	Green	55		
16 AutoSys Replacement / Job Scheduling	Yellow	35		Full plan still not developed.
17 MIS / BAS Clustering	Green	5		Initial planning, POC underway.
Project Test Planning				
18 Develop detailed MT/SAT Test Procedures	Green	70		Some rework required due to plan shift.
19 Develop Cut-over Test Plans	Green	60		
20 Approve Phase 2a FAT Plans	Not Started			
21 Approve Phase 2a FAT Procedures	Not Started			
22 Approve Phase 2b FAT Plans	Not Started			
23 Approve Phase 2b FAT Procedures	Not Started			
FAT / SAT Test Activities				
24 Phase 2a FAT/SAT (SCADA/EMS)	Not Started			
25 Phase 2a FAT/SAT (BMS)	Not Started			
26 Performance / Recovery Tests	Not Started			
27 Phase 2b FAT/SAT	Not Started			
Market Trial Activities				
28 QA Integration Testing	Green	2		
29 Market Operations Testing	Green	2		Environment setup gating issue.
30 Upload / Download Testing	Not Started			
31 Upload / Download Sandbox Testing	Not Started			
32 Web Interface Testing	Not Started			
33 Web Interface Sandbox Testing	Not Started			
34 Interactive Customer Trial 1	Not Started			Must use Phase 1 ABB Software.
35 Interactive Customer Trial 2	Not Started			
36 Interactive Customer Trial 3	Not Started			
Legal / Tariff Activities				
37 File with FERC; receive approval	Green			

Status Legend: ▇ On-track ▇ Some issues ▇ Critical ▇ Not started ▨ Delayed ▨ Delayed w/some risk ▨ Delayed and Critical ◆ Contract Milestone ◆ Payment Milestone

Project Risks

	Risk	Prob.	Impact	Mitigation
1	Software Configuration Management Problems	High	Medium	Initiation of Change Control Board
2	Inadequate Training for Ancialliary IT Staff	High	Medium	Use Task Assignments to Maximize Cross-training
3	Inadequate QA Test Capabilities (HW / Staff)	Medium	Medium	Detailed Planning of Environment and Tasks
4	RTS Design Unproven, Potential for Failure	Medium	High	Detailed Factory and Site Testing.
5	Resource Conflicts from Other Projects	Medium	Medium	Delay Requires Detailed Assessment of Resource Plan
6				

Recent Project Milestones

Completed	Missed
Phase 2 Schedule Revised	
Contract Amendment 4 Agreed	
Year-end HW Purchase Installation Started	

Hot Issues

Urgency	Description	Responsible	Due date
▇ (Yellow)	**Operations Training / Testing Conflicts** — Rescheduling the Phase 2 FAT activities, and relocating them to the Albany test environments, may have created a schedule conflict between the testing activities and training plans, and could create conflicts in the test bed usage. Operations staff is starting the training cycle, but are critical resources in verification of test results and bug validation. **Next Step:** Detailed market trial plans, bug validation schedules, and resource plans for test beds are still being developed. This needs to be carefully monitored to ensure testing activities can be accommodated without impacting training schedule.	Bob Miskanin Dick Mills	13-Feb
▇ (Yellow)	**Associated Projects Planning / Resource Schedules** — Delays in the SMD2 schedule need to be carefully planned against resource schedules of other planned projects. Certain projects need to be scheduled in the void created by the SMD2 delay (e.g. AMP legacy, Billing corrections, etc.), but incomplete SMD2 resource plans may incorrectly make other projects seem feasible. **Next Step:** Updated resource plans for the revised SMD2 schedule are in development. These efforts need to be completed prior to additional project commitments being made.	Rich Dewey Dick Mills PM Group	15-Feb

Overall Project Status:

Significant activities have been completed towards reworking the next phases of the project plan, and the associated contract payment schedule. The remaining deliverables will be divided into a Phase 2a (critical functionality required for "Go Live") and Phase 2b (desired functionality not necessarily required for "Go Live"). A communications plan was developed to roll out the revised schedule and market trial plans to the Market Participants; that plan was initiated at the December Management Committee meeting, and is in progress. Integration testing activities are continuing with the Phase 1 ABB code and the development results of the NYISO application modifications. The IT Operations group is actively engaged in hardware build-out of the testing environments with new systems purchase din December.

Project Financial Status:

Agreement was reached with ABB on a contract amendment to reflect the revised SMD2 project schedule. New incentive targets were created to incentivize ABB to hit the "Phase 2a FAT/SAT Complete", "Phase 2b FAT/SAT Complete", and "Ready for Commercial Operation" milestone dates. A series of pending change orders was also agreed to that will provide several required enhancements, and will increase the total project cost $791,000 from the previously agreed contract price. The overall project costs continue to lag the baseline plan. Reasons for this include delays in ABB payments, failure of ABB to hit the November incentive payment, and underruns in the planned consultancy requirements. When December actuals are posted, the reflection of year-end ABB payments and hardware lease pre-payments should trend the project actuals closer to the budget.

ABB Development Status:

ABB development activities are focused on fixing High severity SPRs and initiation of Phase 2a functionality. Progress against SPR correction seems to be progressing to plan; a new system build is scheduled for the end of the month that should contain fixes for all Critical severity SPRs. Design documentation of Phase 2 a features is ongoing. ABB project team reports good early progress in the Phase 2a software development activities. Pressure will soon be brought to bear on the NYISO staff to provide more timely verification of SPR fixes; current builds in Albany contain fixes to 456 defects.

NYISO Development Status:

Development for NYISO applications in support of SMD2 remain largely on track. Many of the planned enhancements to the MIS and BAS systems have been delivered to the Quality Assurance test environments and are actively under test by the SMD QA team. The new real-time load forecasting system has been delivered, and is under test. Design and development activities to adapt NYISO systems to new Phase 2a features from ABB has started. With the delay in the "Go Live" date of SMD2, the project team is re-evaluating previous decisions to not include the clustering of the MIS and BAS applications in the architecture of SMD2. Clustering provides a more highly available solution for those applications, and pending successful early confidence tests can be implemented with little impact to the SMD test schedule.

Project Integration Status:

Market Trial / Site Acceptance activities are ongoing. Much of the focus has been on testing the integration of the ABB software with the NYISO systems. Additional functional testing has started on the integration of the NYISO features as they are developed for implementation in the new environment. Detailed market trial planning has started in light of the new schedule. A significantly enhanced market trial experience is planned, with up to three (3) interactive market trial sessions with remediation / analysis gaps, per MP request. With the decision to hold Phase 2a and 2b FAT exercises in Albany, contention for test environment access will be high and must be carefully planned.

Hardware deployment has started to lag slightly due to the large number of year-end deliveries; a catch-up plan has been laid out.

Other Project Information:

Information regarding the rescheduling decision for SMD2 "Go Live" is being carefully coordinated via a communications plan developed between the SND2 project team, NYISO Communications, Customer Relations, and Regulatory Affairs. Preliminary status was delivered via Bill Museler's report at the December 17th Management Committee meeting, and followed up with a Market Participant letter issued to stakeholders on January 23rd. A full review of the new schedule will take place at the February 4th Management Committee meeting, and technical details of market trials will be discussed at a second SMD2 Technical Conference to be held in February or March.