# **PPT Report to BIC Detailed Status of Priority Projects**

## **Market & Operations Enhancements Projects**

#### A600 Open Billing Issues

- Project is currently in Phase C Design
- Will address identified billing issues that require immediate action
- Initial requirements include MMU process refinements and development of entry forms

## A609 Real-time Mitigation and OOM

- Project is currently in Phase E System Operational / Functional Test
- Several QA issues currently being resolved
- Deployment originally scheduled for Dec. 3
- Deployment delayed one week to Dec. 10

# A633 GT Reserves Hybrid Dispatch / A637 GT Management Enhancements I

- Project is currently in Phase E System Operational / Functional Test
- Deployment originally scheduled for Nov. 19
- Delayed to complete QA testing/resolve issues
- Deployed successfully on Dec. 3

# A582 SAS 70 Type 2

- Project is currently in Phase C Design
- Formal start was initiated on Nov. 15
- Scheduled completion date is May 15, 2003

# A649 Oracle 9i Upgrades

- Project is in multiple phases depending on the specific system/application
- IT project to upgrade Oracle software on multitude of systems
- Initiated as a project to ensure resources were applied
- Other priority projects are dependent on the Oracle upgrade

# A583 Billing System Improvements II

- Project is currently in Phase C Design
- First deliverable is web-based reconciliation
- Based on class 50 estimates deployment pushes out to April 2003
- Class 10 estimates to be prepared on Dec. 2
- Deployment schedule will be adjusted

# A623 New Loss Calculation

- Project is currently in Phase D Build/Unit-Sub System Test
- Project update to be presented to BAWG on Dec. 21
- Scheduled deployment is January 2003

# A614 Day-ahead Demand Response Project Enhancements

- Project is currently in Phase A Initiation and Development
- Will expand DADRP so Demand Response Providers can submit load reduction bids
- Accelerated schedule to complete the FRS
- Dedicated FRS review session scheduled for Dec. 20
- Target to have the final FRS by Jan. 6
- Deployment date to be determined based on class 50 estimates

## A619 TransEnergie Long Island Sound Cable

- Project is currently in Phase B- Concept
- FRS was re-evaluated to consider pre-checkout operating procedure
- Will require fewer resources 3,400 versus 4,920 hours
- Final FRS approval needed from Project Sponsor

#### A620 Start-up and Min Gen Mitigation

- Project is currently in Phase A Initiation and Development
- Goal is to develop tests and processes to mitigate situations where start-up and minimum generation bid parameters may be used to economically withhold resources from the energy market with a subsequent material energy price impact.
- Functional requirements are developed and now in review
- Resources and project schedule have yet to be defined
- No deployment date yet determined

## A541 TCC Online Auction Automation

- Project is currently in Phase B Concept
- Rational Unified Process approach being apllied to develop "use cases" (these define the specific functionality that will be built for auction automation)
- Resource requirements and a detailed project plan will be prepared when all use cases have been defined

#### A636 85/15 Rate Schedule 1 Split

- Project is currently in Phase B Concept
- FRS has been drafted, now in review
- 2002 impact report will be presented to S&P WG in December
- No deployment date yet determined

#### A543 Resource Adequacy Auction Automation

- Project is currently in Phase B Concept
- Vendor proposals were evaluated and finalists selected
- Vendor finalist presentations on Dec. 2-3
- Vendor decision due by Dec. 6

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

• Awaiting initiation

# A630 Mechanize Grid Accounting Voltage Support

• Project is currently in Phase A - Initiation and Development

## A624 Twelve Month Final Bill

Awaiting initiation

## A647 Station Power Accounting

• Work on FRS has begun

## A628 Inter-ISO Congestion Management Pilot

- Project is currently in Phase A Initiation and Development
- Work on FRS has begun

#### **Strategic Development Projects**

## A510 SMD 2.0 Planning & Specification

- Project is currently in Phase B Concept
- Completion of NYISO draft technical specification.
- Completion of ABB redlined draft technical specification.
- Currently negotiating contract commercial terms and final technical specification with ABB
- This phase includes statement of Work development
- Technical specification and commercial package approval are scheduled for Dec. 2002

#### A536 BME/SCD Replacement Design

- Project is currently in Phase C Design
- This is a component sub-project of the SMD 2.0 program
- Design scope will include MIS analysis, MMU analysis, and BAS analysis
- Design details associated with RTS AMP, Reserve Demand Curve, Ex-Post pricing and real-time price responsive load are being resolved
- Scheduled completion is Dec. 2002

#### A545 Open Scheduling System (OSS) / Northeast Energy Portal I

- Project is currently in Phase D Build/Unit-Sub System Test
- Conducted successful Market Participant testing and feedback session at Sapient's Cambridge offices
- Fourth and final integration cycle has been completed
- Application stabilization (testing) phase has been completed; software in validation testing phase
- Staging environment has been completed and QA test plans are being executed
- Market participant trial is scheduled for December 2002
- Live software deployment is scheduled for January 2003

# A546 Decision Support I (Data warehouse)

- Project is in Phase G Closure
- Hardware configuration has been finalized
- Software tools and architecture has been selected
- DSS II first phase deliverables have been defined
- Implementation will be done in A548 DSS II

Phases of the Project Lifecycle	
Phase:	Description:
<b>A</b> BCDEFG	Initiation & Development Phase
A <mark>B</mark> CDEFG	Concept Phase
AB <mark>C</mark> DEFG	Design Phase
ABC <b>D</b> EFG	Build/Unit-Sub System Test Phase
ABCD <mark>E</mark> FG	System Operational / Functional Test Phase
ABCDE <b>F</b> G	System Deployment & Acceptance Test Phase
ABCDEF G	Closure Phase

**Initiation and Development Phase** - In this phase the business case is developed, the Concept of Operation (COO) (if appropriate) is prepared and a Class 100 labor hour estimate is created. The Class 100 labor estimate is an "order of magnitude" labor hour estimate based on conceptual information. It has  $\pm$  100% or greater margin of error. The Class 100 labor hour estimate is documented in the Project Request Discovery Document. A Work Breakdown Structure (WBS) Level 1 duration estimate for the project is generated. A WBS Level 1 Project Duration Estimate is the calendar period from the "Pre-Project Phase Completed" milestone to the "Project Completed" milestone. During this phase the applicable procedural requirements for the project (such as SAS 70) are identified.

**Concept Phase** - During this phase the Project Manager is identified and the project team is formed. The Functional Requirements Specification (FRS), System Architecture and Summary Design Documents (SDS) are developed. This in turn should lead to the development of Class 50 (+/- 50 %) labor hour estimates, WBS Level 2 duration estimates for each project phase, and a preliminary project plan. Stakeholders and project checkpoints are defined. Checkpoints are noteworthy events in the project, such as "design approved," or a special review meeting with the Senior Management Steering Group (SMSG). Risks related to the project and any interdependencies with other projects are to be identified. If appropriate, tariff filings are drafted. Project support, ancillary effort provided to facilitate completion of defined tasks occurs. Tasks identified with this phase begin with the letter "B."

**Design Phase** – In this phase the project team becomes further refined with technical leads from specific departments. Also the detailed design, detailed project plan, schedule and Class 10 (+/- 10 %) labor hour estimates are developed. In this phase contingency plans may be defined, the project checkpoints are refined, and the tariff filing date may be determined. Project support and ancillary effort necessary to facilitate completion of defined tasks are identified. Tasks identified with this phase begin with the letter "C."

**Build** / **Unit-Sub Systems Test Phase -** Now the product is coded/constructed, and unit/sub-systems test requirements and test scripts are developed. Later in this phase unit/sub-systems tests are conducted and the tariff is filed as applicable. Testing is synonymous with QA. Project support, ancillary effort provided to facilitate completion of defined tasks occurs. Tasks identified with this phase begin with the letter "D."

**System Operational / Functional Test Phase** - The test requirements and scripts for the system operational and functional tests are developed and then performed. User training, and user acceptance testing occurs. Project support, ancillary effort provided to facilitate completion of defined tasks occurs. Tasks identified with this phase begin with the letter "E."

**System Deployment & Acceptance Test Phase** - As the project winds down the system is deployed into production once the system is completely tested. System tests and turnover requirements are completed. Project support, ancillary effort provided to facilitate completion of defined tasks occurs. Tasks identified with this phase begin with the letter "F."

**Closeout Phase** - Here the system operations are monitored in production. A "punch list" of open items is prepared and assignments are made to ensure that all items are appropriately addressed. Project Closeout documentation is assembled and made ready for archiving. A Lessons Learned Report is prepared with input from project team, the project sponsor and other stakeholders. Project support and remaining ancillary effort is wrapped up. Tasks identified with this phase begin with the letter "G."