

Product Enhancement Update

2007 Budget

Management Committee – October 25, 2006

Agenda

- ◆ 2006 Project Accomplishments
- ◆ 2007 Project Budget Planning
 - *Business Drivers*
 - *Project Identification / Estimating Process*
 - *Candidate Projects*
- ◆ Feedback

2006 Project Accomplishments

- ◆ Process Automation Applications
 - *ICAP Auction Automation System*
 - *TCC Auction Automation System (Phase 1)*
- ◆ Business Process Application Support
 - *Final Bill Close-Out Schedule*
 - *Price Correction Reductions / Process Improvements*
 - *Market System Availability Improvements*
- ◆ Significant Progress on Infrastructure Initiatives
 - *Settlement System Replacement (SSR)*
 - *Comprehensive Bid Management System (CBMS)*

2006 Project Accomplishments (Cont.)

- ◆ Billing Manual Adjustment Reduction
 - *Voltage Support Payment Automation*
 - *Working Capital Rebalancing / Bad Debt Loss Automation**
- ◆ Infrastructure Enhancements
 - *Data Center / ACC Migration Planning*
 - *Server Consolidation / Software Version Management*
- ◆ Compliance Initiatives
 - *SRE / OOM Mitigation*
 - *RT-BPCG Mitigation Implementation**

* - Scheduled for January Deployment

2007 Budget Planning – Business Drivers

- ◆ Excellence in Execution
 - *Corporate Process Quality Initiative*
- ◆ Multi-year Infrastructure Upgrades
 - *Settlement System Replacement*
 - *Comprehensive Bid Management System*
- ◆ Regulatory / Compliance Initiatives
 - *Demand Response for Ancillary Services*
 - *Long-term Firm Transmission Rights*
- ◆ Pricing and Billing Accuracy

2007 Project Budget Planning – Process

- ◆ Identify key business drivers
- ◆ Validate previous commitments / assumptions
- ◆ Provide initial candidates for review / discussion
 - *Internal NYISO business owners*
 - *Market Participants*
- ◆ Determine resource capacity
 - *Consider baseline work and infrastructure projects*
- ◆ Finalize candidate set of projects

2007 Product Enhancement Candidates

Products & Enhancements	Concept Development	Feasibility and Design	Product Development	Product Launch
Energy Marketplace Products				
Comprehensive Bid Management	⊗	⊗	⊗	Partial
Enhanced Price Validation	⊗	⊗	⊗	⊗
Reference Price System Enhancements	⊗	⊗	Under Review	Under Review
Wind Forecasting System	⊗	⊗	Under Review	Under Review
Financial Self Supply of Reserves	⊗	⊗	Under Review	Under Review
Auxiliary Market Products				
ICAP Auction Automation (EDRP/SCR)	⊗	⊗	⊗	Partial
Demand Response for Ancillary Services	⊗	⊗	⊗	⊗
TCC Marketplace Products				
TCC Auction Automation – P2 (Database)	⊗	⊗	⊗	⊗
TCC Auction Automation – P3 (Bidding)	⊗	⊗		
Attachment N Implementation	⊗	⊗	⊗	⊗
Long-term Firm Transmission Rights	⊗			

2007 Product Enhancement Candidates (Cont.)

Products & Enhancements	Concept Development	Feasibility and Design	Product Development	Product Launch
Operations and Reliability Products				
Automate Outage Schedule Reporting	⊗	Under Review	Under Review	Under Review
Integrate SRE / OOM Applications	⊗	⊗	Partial	Partial
Controllable Tie Line Additions	⊗	⊗	⊗	Partial
Financial Service Products				
Billing Engine Replacement	⊗	⊗	⊗	⊗
Web-Based Rec. Redesign	⊗	⊗	⊗	⊗
Settlements Data Retention	⊗	⊗	⊗	⊗
Settlements Software Certification	⊗	⊗	⊗	⊗
Billing Settlements Automation	⊗	⊗	⊗	Partial
Business Intelligence Products				
Pricing / Operational Data Mart Additions	⊗	⊗	⊗	⊗
Real-time Data Mart Implementation	⊗	⊗	⊗	⊗
Market Monitoring Analysis Data Mart	⊗	⊗	⊗	Partial

Internal Projects / Other Initiatives

Infrastructure Projects	Emerging Issues / Projects Sample List
Data Center Migration	MMP Enhanced Reporting
Alternate Control Center Relocation	HQ Netting
Oracle Forms Replacement	RT-BPCG Mitigation E-Mail Automation
Oracle 10g Upgrade	Transmission Constraint Pricing
CDC Data Replication Implementation	RT Wind Persistence Forecast
Operational Data Store (ODS)	Generator Testing Exemptions
Server Upgrades / Virtualization	Netting of Bilaterals
Issue Tracking System Implementation	BPCG for Price Corrections
Secure ICCP Implementation	PJM Proxy Bus Pricing
Quality Assurance Platform Build-out	MP Sandbox / Testing Interface
Documentum Upgrade / Redundancy	Long-Term ICAP Market Implementation
Billing Simulator Updates / Mgmt.	Deliverability
	Dual-Fuel Market Implementation