Advanced Control Center – Business Continuity Planning
(AC² – BCP) Program Update

Third Quarter 2010

Finance Committee Meeting

November 23, 2010
• **Market Management System (MMS)**
  - Integration testing complete
  - Business process testing commenced
  - On track to complete select MMS business process testing by end of November

• **Energy Management System (EMS)**
  - Increase focus on Transmission Network Application (TNA) project readiness
  - Information Model Manager (IMM) Graphical Editor (GE) Pre-Factory Acceptance Testing (pre-FAT) complete
  - Business Process Testing commenced on Transmission and Generation Operations
  - System Operations review of all EMS User Interfaces

• **Shared Architecture (SA) / Enterprise Service Bus (ESB)**
  - Stability and performance improvements with increasing message traffic

• **Managing Variances and Defect Correction**
  - Accelerated defect correction cycles
  - Structured source code management
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<th>Forecast Total at Completion</th>
<th>Original Budget</th>
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Key Issues & Mitigation Actions Taken

- **Information Model Manager (IMM) Graphical Editor (GE)**
  - Ensure tools are able to support and maintain SCADA and network models before Go-Live and after commissioning

- **System Synchronization**
  - Testing Go-Live configuration(s)
  - Focused effort on completion of pre-Factory Acceptance Testing (pre-FAT)
  - Explore post Go-Live implementation options to reduce complexity and risk

- **System Integration and Business Process Testing (BPT)**
  - Unforeseen system and performance issues may arise
  - Increased vendor resources and defect correction focus
**Challenges – Delivery and Testing schedule**

- Product, integration testing and business process testing
- Transmission Network Applications and Information Model Manager

**Current Focus – PJM Integration and Business Process Testing**

- Energy Management System
- Market Management System
- PJM Legacy Applications
- Employing and testing new Architecture

Driving for Q1 2011 commissioning