

TCC Automation Project Status Update

Presented to MSWG

3/24/06

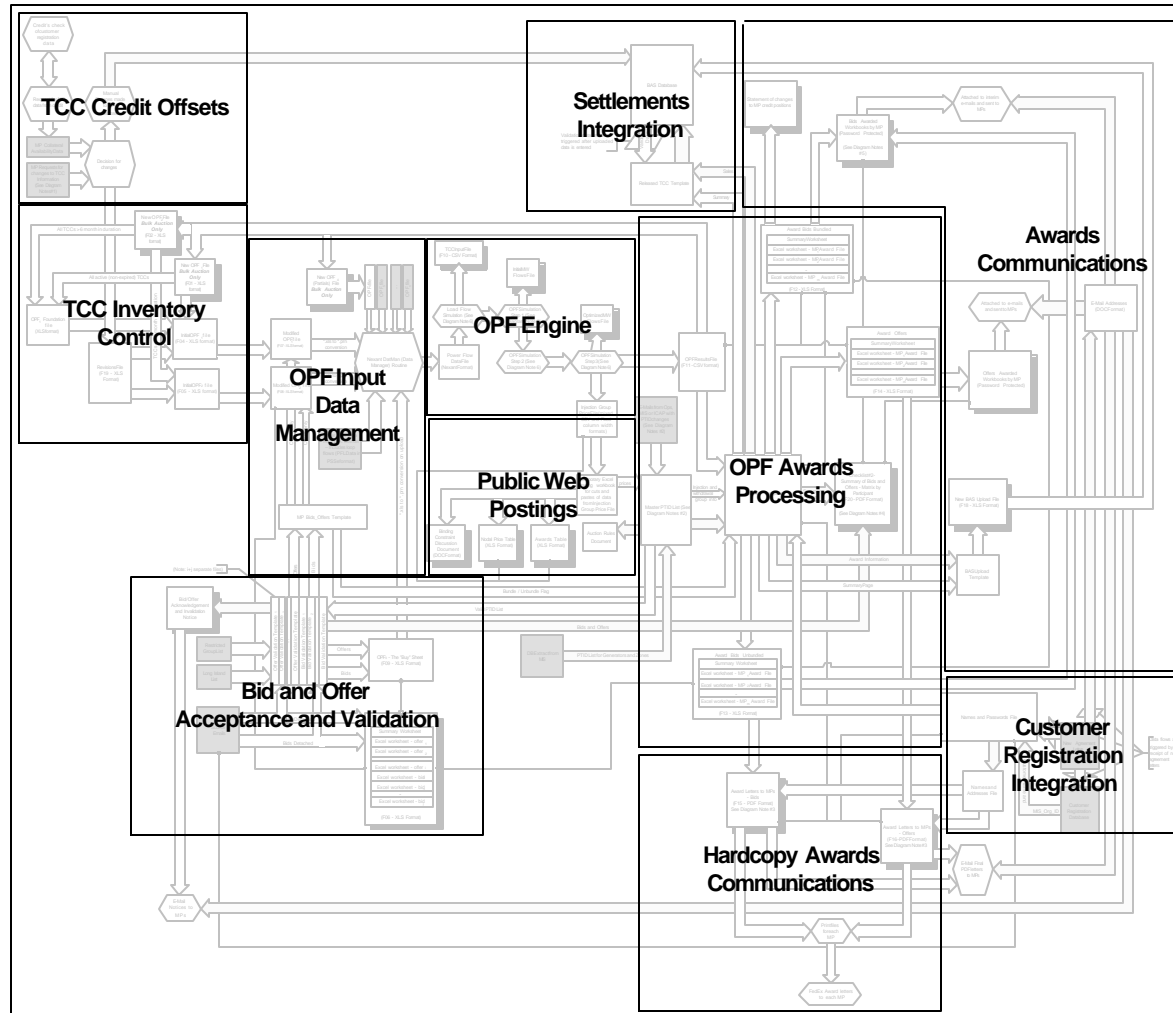
TCC Automation Project

→ Current State

- The existing processes used to administer the TCC market are manually intensive and spreadsheet oriented.
- The manual process is time consuming, creates the risk of introducing errors and requires numerous additional steps to maintain accuracy.
- Does not provide a user friendly interface for MPs to participate in the auctions or to access their TCC market data.
- Provides little flexibility to respond to enhancements and changes desired by Market Participants.
- Cannot support the objective of moving to the “End-State” auction design.

TCC Automation Project

→ Current Auction Process



TCC Automation Project

→ Objectives

- This project will develop MP user interfaces to support web-based data entry and retrieval of TCC auction information.
- It will provide a centralized database system for control, maintenance and reporting of TCC contracts and other functions required to support the TCC auction process.
- It will interface with existing NYISO systems.

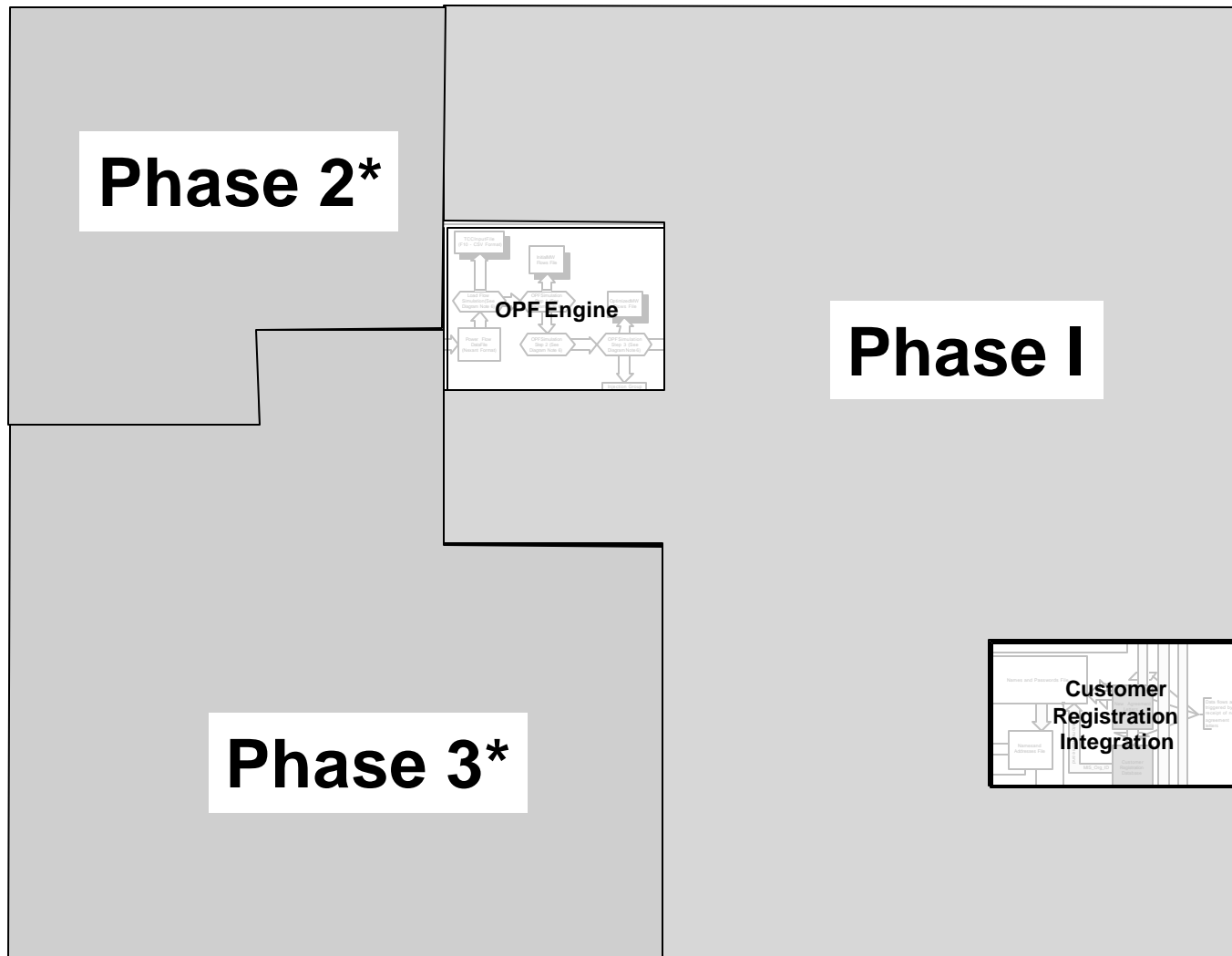
→ Expected Benefits

- Improved data integrity and data security
- Improved ease of use and access to information
- Reduced manual/human interfaces
- Flexibility to support future changes

TCC Automation Project

- Implementation plan uses a phased approach.
- 2006 objectives include:
 - Phase 1
 - Automation of auction award processing and communications
 - Scheduled deployment
 - Phase 2
 - TCC inventory management system
 - Design and development
 - Phase 3
 - Automation of the market participant bid and offer entry process
 - Some preliminary work

TCC Automation Project – Planned Phases



* Indicates Proposed Functionality for These Phases

TCC Automation Project

→ Phase 1 Functionality

- Raw results produced by the Optimal Power Flow (OPF) program and other data provided by Auxiliary Market Operations will be processed to produce the required public postings and award notifications for the results of an auction.
- Public postings include a general summary of the awards, nodal prices, and binding constraints.
- Market Participant award summaries will be produced and provided to each Market Participant through a secure web interface.
- Auxiliary Market Operator displays will provide for review and approval prior to posting, plus reports for finance and quality assurance purposes.
- Use of Permanent TCC IDs will be implemented instead of the current Temporary TCC IDs that are employed in capability period auctions.

TCC Automation Project

→ Phase 1 Milestones & Schedule

→ March - April

- Project updates and communication with MPs and Committee Members

→ May

- Development & Testing scheduled to complete
- Web-based Training Materials available
- Email communication and Customer Rep coordination with MP MIS Admins and active TCC market users to confirm account setup and access.

→ June

- Market Trials to parallel the July Reconfiguration Auction.
- Email and hardcopy continue to be the official communication channel for notification of awards.
- MPs will be able to access the automated system to familiarize themselves with the system and to validate automated system information against legacy notifications.

→ July

- Automated system in-production for the August Reconfiguration Auction as the system of record for notification of awards.
- Auxiliary Market Operations will “shadow” the automated system with legacy processes to provide a fall-back method for awards notification if necessary.