



California Independent
System Operator Corporation

May 28, 2010

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**Re: California Independent System Operator Corporation
Docket Nos. ER10-300-____, and ER06-615-____
June 2010 Convergence Bidding Report**

Dear Secretary Bose:

Pursuant to the Commission's February 18, 2010 order in the above-identified docket, *Cal. Indep. System Operator Corp*, 130 FERC ¶ 61,122 (2010), the California Independent System Operator Corporation submits the attached monthly report describing its progress toward convergence bidding implementation.

Respectfully submitted,

/s/ Sidney M. Davies

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California ISO
Your Link to Power

Convergence Bidding Report

Federal Energy Regulatory Commission

June 2010

Introduction

This report addresses the status of the California Independent System Operator Corporation's implementation of Convergence Bidding. The target date for Convergence Bidding implementation is February 1, 2011 and the initiative is currently on track to meet this target.

The project milestones below are presented to the ISO Market Participants and Board of Governors on a regular basis.

Milestone	Planned Date	Status
Publish Final Draft Proposal	Oct 2, 2009	Complete
ISO BOG Approval	Oct 29-30, 2009	Complete
Submit FERC Filing	Q1 2010	Revised to June 2010
Publish Business Requirements	Dec 2, 2009 April 21, 2010	Complete
Publish Technical Specifications	March 31, 2010	Complete
Implementation Guide Draft	April 21, 2010	Complete
File tariff amendment	June 23-25, 2010	On track
Publish BPM Drafts	Q3 2010	On track
Begin Market Simulations	Oct 4, 2010	On track
Go-Live	Feb 1, 2011	On track

Overview

The ISO has prepared a dashboard to provide a high-level overview of the status of the core Convergence Bidding functionality. This dashboard is presented in Figure 1.

Figure 1 – Convergence Bidding Dashboard

	Design	Development	Testing	Simulation
IFM				
SIBR				
CRR Settlement Rule				
Credit Checking				
External Interfaces				
Internal Interfaces				
Server Infrastructure				
Market Monitoring				
Settlements				

Legend

	On Track
	Behind schedule; mitigation in place to maintain go-live target
	Behind schedule; go-live target threatened
	Complete

Significant Implementation Phases

The ISO implementation process consists of six partially overlapping phases which provide the structure of this document: Requirements, Design, Development, Testing, Simulation, and Implementation. Significant achievements and key challenges are described in this section.

Requirements Phase

Two key sets of requirements documents are created to guide the implementation activities: Business Requirements and System Requirements.

Accomplishments

- The ISO has no significant requirements accomplishments to report this month.

Challenges

- The ISO has no significant requirements related challenges to report this month.

Design Phase

The Design phase translates the System Requirements into detailed software designs for all impacted applications. The ISO Design effort is well underway and is anticipated to conclude in July.

Accomplishments

- In the April Report, the ISO noted design complexity related to the additional functionality approved by the ISO Board in February. These designs were completed in May.
- Updated CMRI Interface Specifications were posted on May 11.
- The ISO posted updated OASIS Technical Specifications on May 12.

Challenges

- There are potential performance concerns related to CAS and OASIS changes approved by the ISO Board in February. The ISO is planning for early performance testing to inform potential design modifications or hardware upgrades to mitigate any adverse performance impact.

Development Phase

The development phase relates to the coding and delivery of the software solutions. The development of some systems may overlap with the creation of requirements for other systems. The ISO is planning a Development effort which has already begun and will stretch through August.

Accomplishments

- The coding changes for the core market applications are continuing with no anticipated delays to the schedule.
- The coding of the new Credit Tracking System is underway and the first deliverable was delivered to the ISO on May 21.

Challenges

- The ISO has no significant development challenges to report this month.

Testing Phase

The testing phase will evaluate the completeness, relative to business, system and Tariff requirements and quality of the delivered software solution. The ISO is planning a Testing effort which will begin in July and stretch through December.

Accomplishments

- Test plans for the core market applications are drafted and are currently under review.
- The ISO continues with Load and Performance testing to evaluate the potential impact of very large payloads which could be generated by Convergence Bidding.
- The ISO has begun testing on the initial deliverable for the Credit Tracking System.

Challenges

- The ISO has no significant testing challenges to report this month.

Simulation Phase

The Simulation phase allows the ISO to demonstrate to market participants the functionality which has been developed as well as allow market participants to test their own software. The ISO is planning a Simulation which will begin in October and stretch through January.

Accomplishments

- The ISO is targeting to begin the settlements portion of Market Simulation one week earlier than previously announced to accommodate the request of stakeholders. The updated start date for producing settlements statements during Market Simulation is 11/29.

Challenges

- The ISO has no significant simulation challenges to report this month.

Implementation Phase

The Implementation phase consists of cutover planning and execution.

Accomplishments

- The registration process began on May 3 and there has been several market participants submitting application documents.
- The ISO has scheduled eleven training courses for participants interested in becoming a Convergence Bidding Entity or a new Scheduling Coordinator. The training materials are currently under development.

Challenges

- The ISO has no significant implementation challenges to report this month.

Implementation Plan

The Implementation Plan is a document which the ISO creates and maintains to provide additional details to market participants about various aspects of the project. It serves as a key reference document containing timelines and instructions for market participants as well as providing a repository for references to business and technical documentation.

The Implementation Plan is a living document which the ISO will update throughout the Convergence Bidding project. The initial version was published on April 21. An updated version of the Implementation Plan will be posted on June 1. Some of the key sections that have been updated include screen shots of the bidding interface – SIBR, Business Process Manual development schedule and the anticipated sections that will be modified.

Tariff

The ISO held a tariff stakeholder review meeting on April 19 to respond to stakeholder comments. Based on the results of that discussion, a new version of the tariff was posted to the ISO website on April 23. The ISO held a stakeholder conference call on May 14 to discuss the revised tariff language and to conclude the tariff stakeholder process. The ISO currently anticipates filing the tariff by June 25, 2010.

Readiness

As simulation and implementation target dates approach, the ISO will provide updates on both ISO readiness and assessments of market participant readiness.

CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing document upon the parties listed on the official service lists in the above-referenced proceedings, in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2010).

Dated at Folsom, California this 28th day of May, 2010.

Anna Pascuzzo

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