

INTEGRATED MARKETPLACE *UPDATE*

Published by the Southwest Power Pool Communications Department

January 2014 | 29 Days Until Marketplace Go-Live

In This Edition:

- [SPP, CWG issue recommendations in advance of Market Go-Live vote](#)
- [Marketplace Cutover Deployment Plan requires MP involvement](#)
- [Deadline to post financial security before February TCR auction just days away](#)
- [SPP Balancing Authority seeks to operate using BAAL criteria](#)

Key Dates:

- Nov. 12, 2013-Jan. 30, 2014: Parallel Operations/Integrated Deployment Tests
- Feb. 5, 2014-Feb. 21, 2014: Extended systems maintenance (systems available)
- Feb. 3, 2014-Feb. 14, 2014: Monthly ARR allocation/TCR auction
- Feb. 14, 2014: NERC approval of Balancing Authority registration
- Mar. 1, 2014: Integrated Marketplace Go Live

The latest from the Marketplace workstreams: Data Depository training, Web Services specs, Must Offer template

<p>SPP Customer Training continues to add “learning bursts” – 10-minute computer-based training – to its offerings. Time-Related Commitment Parameters and Market Mitigation are the two latest; registration is available for both through the SPP Learning Center.</p>	<p>The Markets User Interface Guide has been updated as part of the Markets 1.9 release and posted in the Market Trials project folder. Please submit questions through the Request Management System (RMS), using the “Market Trials – Parallel Operations” Quick Pick.</p>	<p>An updated version of the Notifications technical specifications (APIs) – making minor corrections to the schemas – has been posted to the Settlements project folder. Reference the Marketplace Change Tracker for a brief description of changes. Questions should be submitted through the RMS.</p>
---	---	---

SPP, CWG issue recommendations in advance of Market Go-Live vote

SPP and the Change Working Group (CWG) have both drafted and forwarded recommendations to the Integrated Marketplace’s Go-Live Team in advance of its vote January 31 on whether to proceed with the markets’ implementation. The Go-Live Team will review both recommendations and a set of 21 go/no-go criteria as inputs before a formal vote on moving forward with the March 1 Go Live.

Both SPP and the CWG (by a 28-0 margin) recommended go votes, contingent upon fixing critical software defects, regulatory approvals, and completing remaining activities. A go vote would position SPP as the rare RTO to design, build, test, and implement a day-ahead market on time and on budget. A final checkpoint will be held February 26.

"Without the help of CWG I don't think we could have made it," said SPP's Sam Ellis, the Marketplace's program director. "I see the CWG vote as an expression of confidence in SPP staff."

"I'm proud to be a part of the group and this significant milestone. Now, we need to put our heads down and focus on remaining go-live work," said Tyler Wolford, the CWG's chair and senior project manager for The Energy Authority.

The 11-person Go-Live Team – comprised of members, market participants (MPs), regulatory representatives, and SPP senior staff – [previously approved](#) the Transmission Congestion Rights (TCR) Market's implementation in October. This allowed MPs to hold TCRs before congestion costs are incurred when the full Marketplace goes live. (TCRs are integral to the Day-Ahead Market, which will ensure the next day's generation is used economically and efficiently within the Marketplace.)

Marketplace Cutover Deployment Plan requires MP involvement

SPP is beginning to execute several tactical steps in a Cutover Deployment Plan in advance of the Integrated Marketplace's March 1 Go Live. Most of the deployment tasks are internal technical and functional preparations for cutover, but several items require market participant (MP) action and awareness.

Extended Maintenance Window (February 5-21): SPP will clean up test data and user access, implement critical Go-Live patches, and continue non-functional testing during this time. MPs will not be "locked out" from the Integrated Marketplace, and are strongly encouraged to continue their normal testing of the Marketplace systems. MPs should expect the systems will be available from 8-9 a.m. (CPT) daily. Outside of that availability window, SPP will be performing necessary maintenance that could affect availability, performance, and results. The Day-Ahead (DA), Real-Time Balancing Market (RTBM), and Reliability Unit Commitment systems will continue to perform as normal (albeit without consistently following protocol-based timing constraints), allowing MPs to continue with the normal bids and offers submittal. The Settlements portal will remain open, but all

Integrated Deployment Tests, Parallel Ops continue

While the Integrated Marketplace has focused on getting ready for Go Live, the Parallel Operations sub-stage of Market Trials and the Integrated Deployment Tests (IDTs) have continued unabated.

Parallel Operations' testing phase will end January 31. Any remaining tests will be completed in lower test environments.

SPP and market participants have successfully completed the first 13 IDTs, including four key seven-hour tests. Functionality tests improved with each successive IDT, and SPP verified it could act as the Integrated Marketplace's Balancing Authority.

Two IDTs are still planned. A February 25 post-extended maintenance window IDT will test functionality following the system freeze, and a February 28 test will serve as the Marketplace's transition cutover.

functionality behind it will be shut down and no Operating Days will be settled during the maintenance window. Bilateral Settlements Statements can be submitted February 22 after the maintenance window closes, and Meter Data submittals can begin March 2.

Market Participant Offer Data Acknowledgement: SPP will not be purging market offer data before Go Live. MPs who do not update their resource offer data (mitigated, DA, and RTBM) before February 22 may find these values rolled forward to the live Integrated Marketplace – and potentially becoming financially binding. MPs will need to update these resource parameters to prevent non-production offer data from being used in the March 1 Operating Day and beyond. SPP sent a [Request Management System \(RMS\)](#) ticket to all Market Trials liaisons on January 17, requesting MPs acknowledge they are responsible for the Market System offer data and understand the need to update with production data before February 22. Liaisons were asked to complete the RMS task by February 14.

Market Participant Post-Maintenance Window Testing: SPP has provided MPs with a Go-Live Confirmation Checklist of system verifications they should do following the Extended Maintenance Window. The document – [available on SPP.org](#) – was designed to assist MPs in confirming functionality and/or data validation, and does not need to be submitted back to SPP. Any issues discovered while testing checklist items should be addressed through [RMS](#).

Reversion Planning: A 30-day reversion period will begin once SPP cuts over to the Integrated Marketplace on March 1. During the first 10 days, MPs will continue business as usual, submitting to both the Energy Imbalance Services (EIS) Market and Marketplace, as during Parallel Operations (the Marketplace will be the primary system). MPs' EIS systems and processes will be required to go on standby for reversion March 11-30. Should a reversion be necessary, SPP and MPs will both execute the reversion plan. The final reversion plan will be published by February 7.

Deadline to post financial security before February TCR auction just days away

SPP's Credit Department reminds participants in the February 10-11 Transmission Congestion Rights (TCRs) auction they are required to post financial security – cash or letter of credit – to cover all positions submitted into the auction. Credit needs to receive the financial security by February 3 to allow time for processing and to apply the funds to their respective accounts. Companies not participating in the February auction do not need to post financial security at this time.

Additional information can be found in Article Seven of the [Open Access Transmission Tariff's](#) Attachment X. Contact SPP Credit through the [Request Management System \(RMS\)](#) with any additional questions.

SPP Balancing Authority seeks to operate using BAAL criteria

SPP has requested it participate as the SPP Balancing Authority (BA) in the North American Electric Reliability Corporation's (NERC) Balancing Authority ACE Limit (BAAL) field trial. This would allow

the SPP BA to operate under the more advantageous BAAL criteria, rather than control its generation in response to ACE (Area Control Error) under current NERC Control Performance Standards (CPS).

The CPS requirements mean SPP, as a large BA, must manage its generation to maintain an ACE limited in magnitude by its L₁₀ (a magnitude beyond which the ACE cannot be allowed to exceed, in the positive or negative direction, during a given 10-minute period). Under the BAAL criteria, more time is allowed to recover the ACE during large excursions (30 minutes or more); the frequency is also a component in calculating the BA's success in a given period. For example, if the SPP BA is assisting the frequency, the ACE limits are relaxed during that time.

“Ultimately, operating under the BAAL criteria is considered more advantageous to larger BAs,” said Carl Stelly, manager of BA Administration. “The larger BAs’ L₁₀s tend to be relatively small, comparatively speaking. Either control measurement requires the BA to respond appropriately to ACE excursions, but the SPP BA should be able to more adequately manage its ACE while operating under the BAAL criteria.”

New on the Integrated Marketplace website: Reversion Plan, Marketplace Protocols v 17.0

<p>SPP has posted an Integrated Marketplace Reversion Plan, which provides the necessary information and required steps – should the need arise following the Marketplace’s implementation – to transition back to the Energy Imbalance Service Market.</p>	<p>The latest Program Milestone Report has been posted to the CWG Monthly Postings folder for review. Please use the Request Management System for any questions, using “Milestone Report” as your subject.</p>	<p>More information is available through the following resources:</p> <ul style="list-style-type: none">• Integrated Marketplace on SPP.org• Marketplace Workstream Directory (PDF)• Integrated Marketplace Scorecard (PDF)• Request Management System
---	---	--

This message was sent by the SPP Integrated Marketplace Program.

Please use the [Request Management System](#) if you have questions or feedback on the content of this message.