



MEMBER IMPACTING PROJECT OVERVIEW

MARKETS RELEASE 2.15

By: SPP

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Version 12.0

REVISION HISTORY

DATE OR VERSION NUMBER	AUTHOR	CHANGE DESCRIPTION
1.0	SPP	Initial version
<u>2.0</u>	<u>SPP</u>	<u>Updated web services information and implementation date</u>

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EXECUTIVE SUMMARY

In this document the term “members” refers to any and all stakeholders which could include market participants, members, customers, transmission owners, vendors, etc.

Markets Release 2.15 contains enhancements and defect fixes, with several member-facing items and two member-impacting items detailed later in this document.

BUSINESS IMPACT

Affected?	Services Impacted by Changes
X	Eastern Interconnection (Integrated Marketplace)
	Western Reliability Coordination
X	Western Energy Imbalance Services Market

Users Impacted

Any user utilizing the Energy or Market web services.

Business Functions Impacted

- Markets

TECHNICAL IMPACT

This section identifies the high-level anticipated technical impacts to SPP and members’ systems and processes as a result of the changes described in the [Business Impact](#) section.

SPP Systems/Processes Impacted

- Markets Operations System (MOS)
- Markets UI/APIs

Anticipated Member Systems/Processes Impacted

Member and vendor-developed systems that utilize the following will be impacted by this project:

- Energy and Energy Notify web services
- WEIS Energy and Energy Notify web services
- Market and Market Notify web services
- WEIS Market and Market notify web services

Web Services Effective/Retirement Dates

The project requirements necessitate major version updates to Markets web service(s) which are not backwards compatible with the current versions in Production. Details of the web service(s) impacted will be outlined in the technical specifications which will be published as defined in the project timeline (08/21/2023).

The new major versions will be effective in each environment per the schedule below.

- MTE – 08/29/23
- PROD – ~~0109/1026~~/23

The former unsupported versions will be decommissioned on the following dates in each environment.

- MTE – ~~112/131~~/23
- PROD – ~~124/131~~/23

MEMBER REQUIREMENTS

Members' systems and processes should be updated in support of the changes described in the Business Impact section and in the following technical specifications. At the time of the MIPO publication, this documentation may not be available on SPP.org Please reference the publication dates for this documentation in the Summary of Timeline.

- Markets System API/XML Specifications
 - Provides members technical specifications for the web services available to exchange data with SPP systems.
- Markets User Interface Guide
 - Provides members step-by-step instructions for the user interface available in the SPP Portal.

MARKETS DEFECTS AND ENHANCEMENTS

This section identifies Markets defects and enhancements addressed in this project.

ID	Summary	Comments	IM/WEIS /Both
ITMKTS -12782	MP-facing	Filter option does not work on Transaction Log display in MUI	Both
ITMKTS -7980	MP-facing	When adjusting user roles to only have access to a couple of asset owners and attempting to filter on the Demand Bids display, an internal system error message is returned.	East
ITMKTS -9936	MP-facing	Enhancement: DRR Load Forecast fields in the MUI (located under Energy Offer in the Resource Offers tab) will remain editable beyond the time point of 30 minutes prior to the Operating Hour. This is to allow for more up-to-date forecasts to be accounted for on BDRs and DDRs where necessary.	Both
ITMKTS -7624	MP-impacting	Enhancement: (MUI) GetMarketWindForecastSetByDay and GetEnergyResourceForecastSetByDay enhancement. GetMarketWindForecastSetByDay query that feeds into our system level Wind Forecast we provide over the MUI needs to be revised. As well as the GetEnergyResourceForecastSetByDay.	Both
ITMKTS -12515	MP-impacting	WSDL/XSD Change for Marshalling error being generated when submitting GetEnergyAuditDataSetByDay	East

TESTING

Testing Assumptions:

- All MPs should have already conducted connectivity testing to the appropriate Integrated Test Environment. This project timeline will not include connectivity testing.
- MP staff who are participating in the testing are trained on the systems they are testing.

TRAINING

Training Assumptions:

- The need for formal training is not expected on the minor updates to the user experience, but members should test the functionality in MTE.

IMPLEMENTATION/BACK-OUT PLAN

Application system changes will be implemented in coordination with the testing phase, web service activation/retirement dates and Production effective dates defined in the program timeline. In the event critical issues arise, SPP will work to resolve those issues and, if required, execute applicable back-out procedures defined for each application.

SUMMARY OF TIMELINE

Date	Responsible Party	Action
06/16/2023 - 08/01/2023	SPP	Requirements, design, build
08/21/2023	SPP	Publish MP requirements via MIPO
08/21/2023	SPP	Publish final Markets API technical specifications
08/21/2023	SPP	Publish Markets User Interface Guide
08/29/2023	SPP	New Markets web service versions enabled in MTE
08/29/2023	Member	Members may begin testing using Energy V21, Energy Notify V21, Market V15 and Market Notify V15 web services.
0910/1026/ 2023	SPP	New Markets web services versions enabled in Production (previous versions will remain available until 124/1331/ 2023)
0910/1026/ 2023	SPP / Member	Production Implementation

Date	Responsible Party	Action
124/3113/2023	SPP	Unsupported Markets web services versions terminated in Production and MTE

PROJECT ASSUMPTIONS

None identified.

RISKS

None identified.

COMMUNICATION PLAN

MIPO and Project Documentation

All project communication and information will be posted to the SPP Change User Forum Project Documentation folder. Markets Release 2.15 - <https://www.spp.org/spp-documents-filings/?id=396310>.

This MIPO will be updated with any new information, according to the Member Project Touch Points and Deliverables. With any update, a redline version will be posted to the project documentation folder, and the CUF will be notified.

FAQS

Frequently asked questions will be added to the document as identified or necessary.

Question	Origination	Answer

MORE INFORMATION

At any time, members can ask questions by submitting an RMS ticket using "Submit an Inquiry" from the Request Template dropdown menu, then select "Projects / Initiatives" from the Subtype 1 menu, followed by the appropriate Project / Initiative selection from the Subtype 2 menu (Markets Release 2.15).

The screenshot shows a web form for submitting an RMS ticket. The fields are as follows:

- Request Template:** A dropdown menu with "Submit an Inquiry" selected and highlighted in yellow.
- Submit Date:** A date input field showing "03/28/2022" with a calendar icon and the format "mm/dd/yyyy".
- Time:** A time input field showing "11 : 50 AM" with a dropdown arrow.
- * Class:** A dropdown menu with "Customer Relations" selected and an "add" button.
- Request Status:** A dropdown menu with "Open" selected.
- * Request Type:** A dropdown menu with "Inquiry" selected.
- * Subtype 1:** A dropdown menu with "Projects / Initiatives" selected and highlighted in yellow.
- * Subtype 2:** An empty dropdown menu.

RMS link: <https://spprms.issuetrak.com/login.asp>

A new user ID may be requested for RMS by clicking on the link to the login and following the directions for "Register Now."