

Member Impacting Project Overview:

PC20160015 – Market Monitoring Portal

Version 32.0

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Version Control

Version	Date	Author	Change Description
1.0	04/28/2017	Tom White	Initial MIPO
2.0	09/22/2017	Tom White	Additional FAQ entries Updated validation information Updated Training information Added Implementation/Back-out Plan Added Appendix A
3.0	10/24/2017	Tom White	New fields information and additional FAQs from

			member validation has been posted to CWG project folder Added reminder that training session presentation (with new screenshots) has been posted to CWG project folder Updated Next Steps
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Executive Summary

Integrated Marketplace currently has a web-based data collection tool called Market Monitoring Data Depository (MMDD) that collects certain market data as directed by Tariff. Data currently collected includes:

- A subset of data reported on EIA forms (**860** - generator-level specific information and **923** - fuel consumption, fossil fuel stocks, and receipts)
- Mitigated Offer Development Methodology
- Opportunity Cost related data
- Energy transactions related to the Day Ahead Must-Offer Tariff provision

SPP's Market Monitoring Unit (MMU) is replacing the current tool with a new web-based tool, Market Monitoring Portal (MMP). MMP will collect the same data as today and is intended to have a similar look and feel to the current web-based tool.

SPP will own and support the MMP in-house once it is implemented.

Benefits of replacing this tool include:

- Lower cost with support, maintenance and enhancements
- More flexibility and adaptability; enhancements will be easier
- Better control with maintenance, applying security patches, etc.

Business Impact

SPP will provide a new URL, user guide, training, and a period for MP validation during this project. The business impact should be minimal since it is the same data already being collected.

There are no Tariff changes with this project.

Business Functions Impacted

Although the MMP will be a new site on a new platform, it will collect the same data with a similar look and feel.

SPP plans to integrate this replacement system with existing SPP portal security and eliminate separately maintained user roles. We currently have a link on the SPP Marketplace Portal that will take MPs to the current web interface. We will have a link on the Portal for the new tool as well.

All data collection, for the secure transfer of market participant specific data to the Market Monitors as directed by Tariff, will utilize the new MMP.

SPP Systems/Processes Impacted

No other applications or processes other than MMDD to MMP are affected.

Anticipated Member Systems/Processes Impacted

Limited to Market Monitoring Portal

Member Requirements

- The look and feel will be similar with no loss of core functionality.
- Historical data will be converted from the current data collection tool.
- In addition, we are assuring that active users of the old system with the old rows are mapped into the SPP authorization user/role system (SPP AuthZ).
- The navigation path to individual screens may change. Before MP validation begins, the URL and associated paths will be provided to MPs.
- Sample screens will be provided in a future MIPO revision.
- Previous enhancement requests for the MMDD are being considered during the development of the new MMP tool.

Member validation

Validation 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 validation are trained on the systems they are validating.
- Project Liaisons will be responsible for coordinating validation at their company and reporting back to SPP on validation progress or issues.

SPP will issue validation scenarios for participants. Additional information regarding validation will be provided by in the training sessions scheduled for 10/05/17 and 10/09/17.

Market Monitoring Portal (MMP) supports the latest, stable releases of all major browsers and platforms.

The MMP will be supported while using Firefox, Chrome, IE 11 and Edge.

Training

Training Assumptions:

- All member companies will identify personnel to receive project-related training and/or documentation.
- All member companies will use the LMS to register for any project-related training sessions, if applicable.
- SPP Training will provide learning opportunities that aid understanding, but each entity will be expected to certify performance readiness.

There are two training opportunities on the new Market Monitoring Portal (MMP).

The virtual instructor-led class, **Market Monitoring Portal: Introduction and Transition**, will familiarize Market Participants with the SPP Market Monitors' new, web-based tool. The tool collects resource-specific data for plant deliveries, consumption and stocks, generator physical parameters and costs, mitigated offer methodology (fuel policies), day-ahead must offer data, and opportunity cost calculation inputs. The current Market Monitoring Data Depository (MMDD) tool will be retired, and all historical data will be migrated to the new tool.

Please note the date and times for these sessions:

Session	Date	Time
1	Thursday, October 5, 2017	9:00 a.m. — 11:00 a.m. CPT
2	Monday, October 9, 2017	1:00 p.m. — 2:00 p.m. CPT

To register for one of the sessions:

- Click [here](#) to log into the SPP Learning Center.
- Locate the session you would like to attend at the bottom of the Training Details screen.
- Click **Request** to add the course to your transcript.

For questions about the SPP Learning Center, please email lms@spp.org

[The training presentation, including all screen shots, has been posted to the Market Monitoring Portal \(MMP\) project folder.](#)

Implementation/Back-out Plan

At the time of implementation, The Market Monitoring Portal will be populated with current data from the MMDD. The MMDD will remain on-line for a time after MMP go-live, but no further data entered into the MMDD is expected to be utilized by the MMU. Should reversion be necessary, participants will be directed to continue using the MMDD system.

Summary of Timeline

Date	Responsible Party	Action
08/01/2016 – 09/30/2017	SPP COMPLETED	Requirements, design, building, internal testing
September, 2017	SPP COMPLETED	Validation information published via MIPO
10/05/17 and 10/09/17	SPP, Members COMPLETED	Training Meetings (signup on LMS)
10/09/2017 – 10/20/2017	Members COMPLETED	Member validation (MTE)- 2 weeks
11/09/2017	SPP, Members Members	Production installation Go Live – MPs begin using new tool for data entry

Project Assumptions

Vendor development is completed on dates estimated by SPP.

SPP assumes all Members that use the current data collection tool will participate in validation activities.

Risks

Delays in Development through Testing could impact project schedule at the point of Member testing.

Additional Documentation

~~Following the second training session, the presentation materials (user-referenceable instruction document) will be provided in the Market Monitoring Portal (MMP) folder~~
[The training presentation, including all screen shots, has been posted to the Market Monitoring Portal \(MMP\) project folder.](#)

The project requests Project Liaisons to perform the following functions during the project timeline:

- Provide feedback on MIPOs
- Review project documentation and provide feedback
- Facilitate member review of MIPOs, documentation and presentation materials
- Assess milestones and deliverables for feasibility
- Serve as the main point of contact between SPP and member organization
- Review project status and provide the member's organization status
- Coordinate member implementation and validation efforts
- Represents the member's interest on the project team

MIPO and Project Documentation

All project communication and information will be posted to the SPP Change Working Group Project Documentation [Market Monitoring Portal \(MMP\) folder](#).

This MIPO will be updated upon change or with any new information, and 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 CWG will be notified.

Next Steps

Action	Assignee	Status & Due Date
Liaisons have been determined through users of current tool.	Project Team	COMPLETED
MPs plan resources to validate during validation period (10/09/2017 – 10/20/2017)	CWG Representative and Project Liaisons	In-process—10/09/2017 COMPLETED
Go Live – MPs begin using new tool for data entry	MP data entry SMEs	11/09/17

FAQs

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

[The New fields and additional FAQs from Member testing has been posted to the Market Monitoring Portal \(MMP\) project folder.](#)

Question	Origination	Answer
Will MMP keep the spreadsheet upload process in the new tool as an ease of use for MPs. (or other bulk upload processes)?	MWG meeting 04/17/17	We plan to have upload/download working correctly.
Will we use the same log-in info for all SPP tools (including this one)?	MWG meeting 04/17/17	We are integrating this into the SPP Portal's security mechanism using the same certificates and local security administrators, eliminating the separate security model currently used to submit data to the MMU.
Will log-in security will be audited by a third party in order to increase assurance that no random person can log-in? OG&E would recommend that an API be established to allow MPs to push data from their offer software. This will allow for regular accurate information being regularly available in the MMP.	MWG meeting 04/17/17 RMS #33261	SPP is contracting with a vendor to perform penetration testing. We do not custom API development scheduled in the first phase of this project. The new project is API based, so it would be feasible for an MP to develop their own client connector to their in-house software
We would like to provide feedback on the question that was raised at the April MWG meeting about keeping the spreadsheet upload/download functionality in the Market Monitoring Portal. We would strongly encourage that that that functionality remain intact in the new portal. For MPs that have larger resource portfolios, such as SPS, it would be extremely burdensome to make many of the frequent updates that we are required to perform. An example of this would be seasonal heat rate and MW limit updates. We understand that the new Market Monitoring Portal with be pre-populated	RMS #33503	We plan to have upload/download working correctly.

~~with existing information from the MMDD. However, many of these parameters are not static and would have to be manually updated if the spreadsheet functionality is not retained. By requiring that these updates be made manually, there will be significant risk of error by the MPs.~~

More Information

At any time, members can ask questions or get more information by completing an RMS ticket using "Project Inquiries" Quick Pick and this project's "Subtype 1."

Please note: Subtype 1 is *Market Monitoring Portal (MMP) Redesign* (truncated in graphic below)

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

If a new user ID is needed for RMS, click on that link and follow the directions for "Register Now."

* Request Type: ▼

* Subtype 1: ▼

Market Monitoring Portal (MMP) supports the latest, stable releases of all major browsers and platforms.

The MMP will be supported while using Firefox, Chrome, IE 11 and Edge.

Appendix A: Data collection overview

As of 09/04/17, screen contents have been finalized; nonetheless, SPP unit testing has presented efficiency and layout opportunities. These layouts will be finalized prior to Training on 10/05/17. Therefore, actual screen prints are not included in this MIPO version.

The Marketplace Monitoring Portal (MMP) will contain the following functional areas and associated sub-functions:

DAMO transactions

Generator Parameters

- Temp Varying
- Time Temp Varying
- Ramprates

Generator Costs

- Fuel Attributes
- VOM

Reporting Month for Plant

- Consumption
- Stock
- Delivery

Mitigated Offer Methodology

- Generators
- Files

Opportunity Cost

- Fuel Characteristics
- Scheduled Outages

[The training presentation, including all screen shots, has been posted to the Market Monitoring Portal \(MMP\) project folder.](#)