



MEMBER IMPACTING PROJECT OVERVIEW

EMS 2022 UPGRADE – REPLICATED
DATA SERVER

By: PMO

Version 1.~~2~~⁷



REVISION HISTORY

DATE OR VERSION NUMBER	AUTHOR	CHANGE DESCRIPTION
v1	PMO	Initial MIPO
V1.1	PMO	Timeline Update
<u>V1.2</u>	<u>PMO</u>	<u>Timeline Update</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.

In order to maintain reliability of Energy Management and Markets systems on supported hardware and software versions, SPP has undertaken an effort to upgrade the EMS. This upgrade is scheduled to complete in Q3 2022. Members will see changes in displays. Access and functionality is not changing.

BUSINESS IMPACT

Replicated Data Server (RDS) display changes will be seen.

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

Users Impacted

This change will impact every user of RDS.

Business Functions Impacted

There are no anticipated functionality impacts.

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

EMS – Replicated Data Server

Anticipated Member Systems/Processes Impacted

None

Web Services Effective/Retirement Dates

There are no web service updates associated with this project.

MEMBER REQUIREMENTS

Members will need to become familiar with new displays during parallel ops.

TESTING

Testing Assumptions:

- All users will log into the new RDS during parallel operations and compare results to the current RDS.

TRAINING

- There is no formal training planned for this project.
- Users will have access to an updated User Guide.

IMPLEMENTATION/BACK-OUT PLAN

Application system changes will be implemented in coordination with the Production effective dates. In the event critical issues arise, SPP will work to resolve those issues.

SUMMARY OF TIMELINE

Date	Responsible Party	Action
3/1/2022 – 11/1/2022	SPP	Requirements, design, build
11/1/2022 – 42/17/2023	Member	RDS Testing Phase / Parallel Operations
42/1821/20 23	SPP / Member	Production Implementation

PROJECT ASSUMPTIONS

All users will conduct functionality checks during parallel ops.

RISKS

TBD

COMMUNICATION PLAN

MIPO and Project Documentation

All project communication and information will be posted to the SPP Change User Forum Project Documentation folder. [EMS Upgrade – Replicated Data Server](#)

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.

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.

The image shows a screenshot of an RMS ticket submission form. The following fields are visible:

- 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".
- * Class:** A dropdown menu with "Customer Relations" selected and an "add" button next to it.
- 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.”