



Member Impacting Project Overview

Transmission Resale Application

Version 1.2

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Version Control

Version	Date	Author	Change Description
1.0	09/30/2022	SPP	Initial version
1.1	12/02/2022	SPP	Updates to the Testing section to clarify that daily postings are not impacted by the project and will not be included during member testing; only monthly postings will be included in member testing.
1.2	3/7/2023	SPP	Added details to the Training section

Executive Summary

This release will include updates to the Settlement Management System (SMS) to include the following:

- Transmission Resale Application

Additionally, the release will include other defect fixes and/or enhancements. In this document the term “members” refers to any and all stakeholders which could include market participants, members, customers, transmission owners, vendors, etc.

Business Impact

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

Transmission Resale Application (UI/API)

This release introduces a new portal application (UI/API) designed to facilitate the submission and approval of Resale PTP Transaction Amounts between a Reseller (original TSR holder) and Assignee (Resale TSR holder) for inclusion on the monthly transmission invoice. Both the reseller and assignee must review and approve the transaction amounts by the 25th (or next business day) of the following month for inclusion in the S2 monthly settlement instance for the applicable month. The portal application will provide users the ability to submit, edit, approve, and deny resale transactions. Note: This application is designed to pass-through charges on behalf of Transmission Customers (TC) with confirmed resale TSRs on the OASIS portal and is not a tool for confirming, editing or creating new resale TSRs.

Settlement Defect Fixes and Enhancements

In addition, the following will also be included with this project:

ID	Summary	Comments
ITSETL-8965	Changes to the Invoice Summary section of the TC and TO Invoice (PDF only)	The PDF version of the invoice will include additional rows (subtotals) in the summary section: PTP Resale, NITS Trans Credit, and Project Upgrades.

Users Impacted

- Transmission Customers that have PTP Resale Transactions and plan to utilize the new application will need to be given access to the portal roles by their LSA.
- Transmission Customers (both Reseller and Assignee) will utilize the new application to enter, edit, approve, or deny their PTP Resale Transactions. TCs can also register for notifications to receive alerts related to their PTP Resale Transactions.
- Transmission Customers (and Shadow settlement vendors) that plan to shadow the new charge types found in section 5.15 of the Transmission Business Practices will be impacted by this project.

- Transmission Owners and Transmission Customers that utilize the Invoice Summary section of the PDF version of the invoice and have the applicable charge types found in these sections of the Transmission Business Practices:
 - 5.13 – Network Transmission Credits
 - 5.14 – Project Upgrades
 - 5.15 – PTP Resale Transactions

Business Functions Impacted

LSA Portal Roles

- Transmission Resale Submit
- Transmission Resale Read Only
- Transmission Resale Approve
- View TC Notification Registration
- Register for TC Notifications

Transmission Resale Application

A new portal application that provides Transmission Customers with Resale PTP TSRs (per OASIS) the ability to pass-through charges to the assignee for confirmed resale TSRs. For each operating month a Resale TSR is applicable, both parties will use the application to confirm: A) the monetary value of a resale transaction, B) the effective operating month (Operating Month for Invoice) of the transaction, C) comments to aid in describing any additional features of the transaction relevant to both parties. Note: Only TSRs that have been confirmed in OASIS will be available to use in the application. The application is not intended to replace OASIS or the existing process that facilitates the resale of PTP TSRs. Both parties will use the portal to approve/confirm resale amounts by the 25th (or next business day) of the following month to be settled as a part of the Monthly S2 Posting. As an example, a transaction for January 2023 will need to be approved by February 25th (or next business day) to be included on the January Monthly S2 Posting and February 2023 Invoice. Resale Amounts will only be present on the S2 and subsequent settlement instances of the Operating Month. Current business practice has been to post an R1 ten months after the operating month. Additional resettlements outside of this process will not be considered to resolve disputes between TCs resulting from PTP Resale Amounts.

Users can register via the portal to receive notifications related to the PTP Resale Transactions. The notifications inform both parties of the status of the transaction as it progresses from Pending to Approved (or Denied) by either TC.

All approved transactions will be assigned a unique Transaction ID which will be visible on the portal. This Transaction ID will be included on monthly determinant report and summary report to assist in the review of portal generated transactions. The comments section of the summary reports will contain the comments as entered by the TC via the Portal, as well as the unique Transaction ID.

The new determinants and charge types for this process are defined in section 5.15 of the [Transmission Business Practices](#):

- 5.15.1 – Resale PTP Charge
- 5.15.2 – Resale PTP Credit

Invoice Summary PDF

The PDF version of the invoice will include additional rows (subtotals) in the summary section:

- PTP Resale – new charge type implemented with this project (section 5.15 of business practices)
- NITS Trans Credit – existing charge type (section 5.13 of the business practices) that is currently summed into the 'Adjustments / Other' row of the TC Invoice Summary (PDF)
- Project Upgrades – existing charge type (section 5.14 of the business practices) that is currently summed into the 'Adjustments / Other' row of the TC and TO Invoice Summary (PDF)

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

- Settlements Calculations
- Settlement Reports UI/API
- Transmission Resale UI/API
- Notifications

Anticipated Member Systems/Processes Impacted

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

- Transmission Resale API
- Determinant Report API
- Transmission Summary Report API
- Notifications API
- Shadow Settlement Systems

Web Services Effective/Retirement Dates

The project requirements necessitate minor version updates to Notification web service(s) which are backwards compatible with the current version in Production. In addition, a new web service, Transmission Resale, will be implemented with this project. Details of the web service(s) impacted will be outlined in the technical specifications which will be published as defined in the [project timeline](#).

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

- MTE – 1/31/2023
- PROD – 3/31/2023

Member Requirements

Members' systems and processes, including shadow settlement systems, 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](#).

- [Settlements Member Data Exchange \(UI/API\) Validations](#)

- Provides members with a list of validations the SPP system performs upon submission or query of data.
- [Settlement Management System API/XML Specifications](#)
 - Provides members technical specifications for the web services available to exchange data with SPP systems.
- [Settlements User Interface Guide](#)
 - Provides members step-by-step instructions for the user interface available in the SPP Portal.
- [Portal Role Guide](#)
 - This document provides the roles available for exchanging data with SPP systems. This information is used by LSAs to assign roles to users and systems in the Portal. This document will be updated to include the new roles for the Transmission Resale Application (UI/API).

Testing

Member testing for this project will occur in the MTE (Member Test Environment) and include the settlement of January and February 2023. In order to provide a more robust set of data for use during member testing, production TSRs (Transmission Service Requests) will be copied to MTE:

- January 2022 TSR data will be copied to January 2023 operating days in MTE
- February 2022 TSR data will be copied to February 2023 operating days in MTE

Transmission Customers that plan to utilize the new Resale Application (UI/API) are expected to submit transactions for Resale PTP TSRs to MTE for the month of January 2023 (based on January 2022 TSR data). Members will have until February 27th to confirm resale transactions in the portal. **If a Transmission Customer did not have a Resale PTP TSR in January 2022 in production and would like to participate in this testing, please submit an [RMS ticket](#) to request that a TSR be created in MTE for this testing.**

Please note that Transmission Owners (and Transmission Customers) are **not** expected to submit/update these files types as a part of this testing: NITS, S12, DA, NHL, MVAR, and TCCP. That data will be copied from production along with the TSR data as the purpose of this member testing is specific to the new Resale Application (UI/API).

Transmission invoices will be posted in MTE on 2/1/2023 and 3/1/2023. Please note that ONLY monthly postings will be included with this testing. There are no changes to the daily postings as a result of this project and those will not be a part of this member testing phase.

The January 2023 invoice that posts on February 1st in MTE will include the following postings:

Note: Members do not need to submit data for this invoice.

- Monthly S1 (NITS) for January 2023

The February 2023 invoice that posts on March 1st in MTE will include the following postings:

Note: TCs participating in member testing will need to submit PTP Resale Transactions for January 2023 no later than February 27th for inclusion on the Monthly S2 posting for January 2023.

- Monthly S1 (NITS) for February 2023
- Monthly S2 (NITS) for January 2023
 - This monthly posting will include the PTP Resale Transactions provided by the Transmission Customers for January 2023 in the MTE environment (see [test cases](#))

An MTE Transmission Settlement Calendar will be posted to the MTE Portal prior to member testing:
<https://marketplace-mte.itespp.org/pages/settlement-calendars>.

Testing Assumptions:

- All TCs and TOs should have already conducted connectivity testing to the Member Test Environment (MTE). This project timeline will not include connectivity testing.
- LSAs have already granted required Portal roles to users/systems responsible for submitting and approving Transmission Resale transactions. Two weeks prior to the start of testing the roles will be available in the Portal for user setup.
- TC and TO staff who are participating in the testing are trained on the systems they are testing.

Settlement Test Cases

SPP will provide test cases to aid the Transmission Customers in testing the new Transmission Resale UI/API. These test cases do not have to be submitted back to SPP but are just meant to assist the members with verification of the new functionality.

Training

A new self-study, **Transmission Resale Overview**, is available via the SPP Learning Center. This course provides an overview of the Transmission Resale application for Transmission Settlement customers interested in facilitating the submission and approval of Resale PTP transactions for inclusion on the monthly transmission invoice.

- To register for this training, click [here](#) and enter your password to your SPP Learning Center account.
- If you don't already have an account, click this hyperlink to the [SPP Learning Center](#) and click the orange "Register" button to create one.
- For questions about the SPP Learning Center, please contact us at lms@spp.org.

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 project timeline. In the event critical issues arise, SPP will work to resolve the issues and, if required, execute applicable back-out procedures defined for each application.

Summary of Timeline

Date	Responsible Party	Action
4/11/2022 – 10/28/2022	SPP	Requirements, Design, Build
9/30/2022	SPP	Publish MIPO
12/7/2022	SPP	Publish Draft Technical Specifications
1/18/2023	SPP	Transmission Resale application user roles available in MTE and Production portals.

Date	Responsible Party	Action
1/18/2023 – 1/31/2023	LSA	Assign required roles to Portal users in MTE and Production.
1/31/2023	SPP / Member	New/Updated Settlements Web Service versions enabled in MTE
1/4/2023	SPP	Publish Final Technical Specifications, Data Exchange Guide, User Interface Guides and Portal Role Guide
1/18/2023	SPP / Member	Member Testing Kick-off Meeting
2/1/2023 – 3/17/2023	SPP / Member	Member Testing in MTE (Member Test Environment)
3/31/2023	SPP / Member	New/Updated Settlements Web Service versions enabled in PROD
4/1/2023	SPP / Member	Effective date in Production

Project Assumptions

None identified at this time.

Risks

None identified at this time.

Additional Documentation

- [Transmission Business Practices Manual v3.5](#)
 - Provides Transmission Customers and Owners with the timelines and calculation details needed to shadow transmission settlement charges and credits. This document will include updates for the new Resale PTP charge types (charges/credits) resulting from the PTP Resale Transactions.

Communication Plan

Communication about the project will be provided via the Change User Forum meetings and updates to the MIPO.

MIPO and Project Documentation

All project information will be posted to the [Transmission Resale Application](#) folder under Change User Forum Project Documentation on SPP.org.

This MIPO will be updated periodically as new information is available. With any update, a redline version will be posted to the project documentation folder, and the CUF will be notified.

Next Steps

Action	Assignee	Status & Due Date
Members (and vendors) become familiar with the changes included in this MIPO and determine potential impacts to their processes.	Member	Now
Schedule resources to test during the Member Testing timeframe	Member	Now
TCs than plan to participate in this testing will need to verify they have PTP Resale TSRs in PROD for January 2022. If not, they must notify SPP via RMS so that this data can be created in MTE for their testing.	Member (TC)	1/18/2023
LSAs must assign Transmission Resale application roles to Portal users.	Member (LSA)	1/18/2023 – 1/31/2023
Complete the test cases provided by SPP which includes submission of PTP Resale Transactions for January 2023 in MTE.	Member (TC)	2/1/2023 – 2/27/2023
Access and download the settlement results in MTE and verify the changes (if applicable).	Member (TC)	2/1/2023 – 3/17/2023

FAQs


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


Question	Answer


More Information


At any time, members can ask questions by completing an RMS ticket: <https://spprms.issuetrak.com/login.asp>. Select the "Submit an Inquiry" Request Template followed by the Subtype 1 of "Projects / Initiatives", and Subtype 2 of "Transmission Resale Application".


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



Submit Request 


Request Template: 


Submit Date:  mm/dd/yyyy


Time: : 

* Class:  add

Request Status:   add

* Request Type:  add

* Subtype 1:  add

* Subtype 2:  add