

Member Impacting Project Overview

Order 676-H NITS Modifications to webOASIS

version 2.0

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Version Control

Version	Date	Author	Change Description
1.0	5/17/16	D. Giessmann	Initial Version
1.1	7/15/16	D. Giessmann	Added screen print of RMS Quick-Pick for NITS on OASIS; changed dates where applicable to reflect FERC's extension of the project
2.0	12/12/16	D. Giessmann	Added information regarding Credit Stacking System changes (change 2 fields from decimal to string format)

Executive Summary

This project stems from the changes being made to address FERC Order 676-H which calls for modifications to webOASIS to allow NITS to be on OASIS. Member-impacting changes for this project are limited to updates within Transmission Owners' Transmission Settlements Billing XML to utilize new TSR numbers.

OATI-specific project information:

- OATI WebTrans data modules will be updated to incorporate all necessary structures to represent NITS requests submitted via template.
- Changes include a new NITS validation module and a UI view integrating all point-to-point (PTPT) and NITS requests into a single integrated queue.
- WebOASIS data module will be updated to incorporate all necessary structures to represent NITS requests that may be submitted via a template and through a user interface.

SPP-specific project information:

- Existing Network TSRs will be uploaded to Production (and automatically renumbered by the vendor software) January 24, 2017.
- Old TSR numbers will continue to be supported by SPP until SPP Transmission Settlements has worked with each TO to coordinate changes and complete testing.
- SPP will provide a mapping document to Transmission Owners to cross-reference the new TSR numbers with the old ones.
- SPP Transmission Settlements will coordinate the TSR number changes with individual Transmission Owners once all existing Network TSRs are on OASIS.
- SPP will not use the new TSR numbers for billing until later in the year; sometime after the March 1, 2017 deadline for Network TSRs to be on OASIS.
- Nine (9) Credit Stacking System Reports require changes to their BILLABLE_TSR and STUDY_TSR fields. These fields will be changing from decimal to string format.

Business Impact

The following business impacts have been identified.

- SPP is uploading to OASIS existing network TSRs on members' behalf.
- XML used to submit billing data to SPP Transmission Settlements must use the new TSR numbers for existing TSRs uploaded by SPP, but this will not occur until SPP Transmission Settlements coordinates changes and testing with each member.
- After March 1, 2017 all new NITS requests will be entered by the customer via the new NITS templates on OASIS.

NOTE: SPP has determined that we will not be passing the alphanumeric field to Transmission Settlements and there are no plans to do so any time soon. If a project arises that requires alphanumeric TSRs, SPP would make the work part of that project. Only those members shadow settling for Z2 are affected by the changes to CSS.

Users Impacted

- Transmission Owners submitting billing data
- Members shadow settling for Z2

Business Functions Impacted

- Transmission Settlements Billing
- Shadow settling for Z2

Technical Impact

For Transmission Billing, the technical impact will be to the content of the member's XML to replace the old Network TSR number with the new number for existing Network TSRs. SPP's Transmission Settlements group will reach out to each affected member to coordinate updates to the XML and plan testing.

For those who shadow settle for Z2, the fields BILLABLE_TSR and STUDY_TSR will be changing from decimal to string format.

Following is a list of reports and corresponding XML root element names that will be affected.

1. **TO_BILLABLE_TSR_ACTIVITY_REPORT** => STL_OUT_OM_UPGR_ENT_BTSR_TO
 - a) BILLABLE_TSR
2. **TC_BILLABLE_TSR_ACTIVITY_REPORT** => STL_OUT_OM_UP_ENT_BTSR_TC
 - a) BILLABLE_TSR
3. **TC_STUDY_TSR_ACTIVITY_REPORT** => STL_OUT_OM_UP_ENT_BTSR_STSR_TC
 - a) BILLABLE_TSR
 - b) STUDY_TSR
4. **TO_CHARGE_TYPE_ACTIVITY_REPORT** => STL_OUT_OM_UPGR_ENT_BTSR_CT_TO
 - a) BILLABLE_TSR
5. **TC_BILLABLE_TSR_CHARGE_TYPE_ACTIVITY_REPORT** => STL_OUT_OM_UP_ENT_BTSR_CT_TC
 - a) BILLABLE_TSR
6. **TC_STUDY_TSR_CHARGE_TYPE_ACTIVITY_REPORT** => STL_OUT_OM_UP_ENT_BTSR_STSR_CT_TC
 - a) BILLABLE_TSR
 - b) STUDY_TSR
7. **INPUT_BILLABLE_AREF_TSR_DATA_REPORT** => Z2_IN_BTSR_STSR
 - a) BILLABLE_TSR
 - b) STUDY_TSR
8. **INPUT_LONG_TERM_TSR_IMPACTS_DATA_REPORT** => Z2_IN_UPGR_STSR_LT
 - a) STUDY_TSR
9. **INPUT_SHORT_TERM_TSR_IMPACTS_DATA_REPORT** => Z2_IN_UPGR_STSR_ST
 - a) TSR_AREF

SPP Systems/Processes Impacted

- Credit Stacking System (CSS)

Anticipated Member Systems/Processes Impacted

- Transmission Owners' Transmission Settlements Billing XML submissions to SPP
- Shadow settling for Z2

Member Requirements

Once the new Network TSR numbers are identified, SPP will provide a mapping document that Transmission Owners can use to update their XML with the new Network TSR numbers. SPP Transmission

Settlements will reach out to each Transmission Owner to coordinate when the new numbers should be used in Production.

Testing With New Network TSR Numbers Replacing Existing TSR numbers

The testing approach will be updated after the new TSR numbers are in OASIS and SPP coordinates changes with each Transmission Owner.

Testing Assumptions:

- MP staff who are participating in the testing are trained on the systems they are testing.
- Transmission Owners-specified contacts will be responsible for coordinating testing at their company, and reporting back to SPP on testing progress or issues.

Testing for Changes to Credit Stacking System

Member Testing for these changes will be from 1/16-1/27, 2017

Testing will be unstructured and consist of TOs, TCs and GIAs downloading and processing their CSS Z2 detail XML reports. Updated XSDs will be posted to the NITS on OASIS CWG project folder the week of 12/19/16. No new sample XML files are needed for this change or testing

Training

- No SPP Training has been identified for this project.

Implementation/Back-out Plan

For implementation of using the updated Transmission Settlements billing XML, Members will begin submitting updated XML in production after coordination with SPP Transmission Settlements

Implementation of Credit Stacking System changes is planned for 1/30/17.

Summary of Timeline for Changes to Transmission Billing XML

Settlements will cut over to the new Network TSRs for Monthly Transmission billing beginning with data submitted for March 2017 operating month:

File Type:	March 2017 NITS File
Current Month	Files due by April 4 th @ 11 a.m.
Prior Month	Files due by April 25 th @ 11 a.m.

XML submitted for dates prior to March '17 should continue to use the old Network TSRs (for resettlement purposes).

The project will be closed out after successful Transmission Settlements billing is confirmed in May.

Summary of Timeline for Changes to CSS

Date	Responsible Party	Action
12/19/16	Project Team	Post MIPO, updated XSDs to project folder
1/16/17	Members	Unstructured Testing begins
1/27/17	Members	Unstructured Testing ends
1/30/17	Project Team	Implementation of CSS changes prior to the February Transmission Settlements processing.

Project Assumptions

Members should not submit data using the new network TSR numbers until after coordination with the SPP Transmission Settlements team.

Risks

No risks have been identified at this time.

Additional Documentation

Each member will receive a cross-reference document of their own old-to-new Network TSR numbers. Members.

Communication Plan

If not submitting questions via RMS, members may contact the Project Manager, Dena Giessmann, directly (dgiessmann@spp.org).

Liaisons

The project will not need liaisons from CWG. Settlements will use their Transmission Owner contact list. CWG will receive project updates monthly.

MIPO and Project Documentation

All project communication and information will be posted to the SPP Change Working Group FERC Order 676: NITS Modifications to webOASIS project documentation [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 is posted to the project documentation folder, and the CWG is notified.

Next Steps

Action	Assignee	Status & Due Date
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Continue to update the Settlements User Group	Project Team-Settlements	ongoing through April
Continue to update the CWG via written report	PM	ongoing through April
Work on Mapping Document	Project Team	After 1/24/17

FAQs

FAQs are added to the RMS Knowledge Base. Frequently asked questions will be added to the document as identified or necessary, as well as adding to the RMS Knowledge Base, located here: https://spprms.issuetrak.com/Kb_ListByCategory.asp

More Information

At any time, Members can ask questions or get more information by completing an RMS ticket using this project’s quick pick option, which will be available no later than June 10th. RMS link: <https://spprms.issuetrak.com/login.asp>. In the meantime, General Inquiry may be used and the RMS ticket will be assigned appropriately.

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

Submit Request

Submit Request

Quick Pick:

Request Status:

This Request is used to submit an inquiry regarding current SPP Projects.

Do NOT change Request Type.

In **Subtype 1** select the appropriate project. Your selection ensures timely assignment of your inquiry to the appropriate project owner.

* Request Type:

* Subtype 1:

Subtype 2: