



SETTLEMENTS RELEASE 1.2 (RR266): MP TESTING KICKOFF

MAY 18, 2020



AGENDA

- Release Overview
- Member Testing Overview
 - Member Test Expectations
 - SPP Test Expectations
- Test Schedule
 - Settlement Scenarios
 - Markets Test Cases

SETTLEMENTS RELEASE 1.2

This release includes RR266 as well as corrections to existing production defects; full details are available in the MIPO (Member Impacting Project Overview) posted to the [project folder](#).

- RR266 allows any Resource to elect, through a modeling option, to be a Combined Interest Resource (CIR).
 - Model registration packets were due on 04/15/2020.
 - Resources that elect to use this option will run through the market clearing engine as a single Resource, and then post market revenue allocations will be dispersed to each share in settlements based on designated ownership percentages.
 - New bill determinants and 2 new charge types will be added in order to allocate the settlement dollars for units registered as CIRs based on their designated ownership percentages:
 - Day-Ahead Combined Interest Resource Adjustment Amount (*DaCirAdjDlyAmt*)
 - Real-Time Combined Interest Resource Adjustment Amount (*RtCirAdjDlyAmt*)
- This change will become effective in production on operating day 08/01/2020.

MEMBER TESTING OVERVIEW

- **What is the objective of Member Testing?**

The purpose of member testing is to verify that SPP and member systems (or processes) are prepared for the implementation of Settlements Release 1.2 (RR266).

- **Who should test?**

Market Participants that registered a resource with the Combined Interest Resource option should participate in testing in MTE (Member Test Environment).

MEMBER TEST EXPECTATIONS

- Review MIPO posted to the project folder and ensure you understand the impacts of this release to your specific processes.
- Download and verify settlement results during active member testing.
- Execute market test cases and return results to SPP via RMS project quick pick.
- Notify SPP of any questions or issues in a timely manner via RMS project quick pick.
- Notify SPP of any additional testing scenarios desired as soon as possible via RMS.

SPP TEST EXPECTATIONS

- Support member testing in MTE.
- Respond to RMS tickets in a timely manner.
- Communicate any changes or updates regarding testing to the CWG, SUG, and Project Liaisons.
- Post testing scorecard weekly to project folder.
- Post known defect log weekly to project folder once member testing has started.

TEST SCHEDULE

- Settlement results will be posted in MTE for operating dates 6/1/20 through 7/10/20 based on the accelerated *settlement calendar:
 - S7 for OD 6/1 will post on 6/8 (OD+7)
 - S53 for OD 6/1 will post on 6/22 (OD+21)
 - S120 for OD 6/1 will post on 7/6 (OD+35)
- Market Participants should submit/update data (bids/offer for markets, meter/bilateral schedules for settlements) to test specific scenarios.
- Market Participants will need to ensure their CIRs are available for commitment in both DAMKT and RUC.

* For complete details on member submission due dates and settlement posting dates, reference the Settlements Release 1.2 Calendar posted on the MTE Portal: <https://marketplace-mte.itespp.org/pages/settlement-calendars>.

SETTLEMENT SCENARIOS

- The following scenarios have been identified for testing of the changes associated with RR266:
 - Unstructured / Base Settlement Calculations
 - Out-of-Merit Energy Calculations (De-commits, Manual De-selects)
 - Day-Ahead Make-Whole-Payment Calculations
 - Contingency Reserve Deployment Calculations (CR Deployment Failure)
 - Real-Time Make-Whole-Payment Calculations
- A scorecard will be utilized to track scenarios.
- Scorecards will be updated and published weekly during member testing.

RR266 SCENARIO CALENDAR

JUNE

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

First OD: 6/1/20 (posted on 6/8/20)

Last OD: 7/10/20 (posted on 7/17/20)

Unstructured / Base Calculations

OOME Scenarios

DA MWP Scenarios

CR Deployment Scenarios

RT MWP Scenarios

Re-Test Scenarios As Needed

Note: The last two weeks of member testing is reserved for re-testing scenarios as needed. MPs should notify SPP via RMS as soon as possible if they would like any additional scenario testing.

MARKETS TEST CASES

RR266 Member Testing for the MUI/API

This enhancement will allow any Resource type to elect, through a modeling option, to be a Combined Interest Resource. Resources that elect to use this option will run through the market clearing engine as a single Resource, and then post market revenue allocations will be dispersed to each share based on designated ownership percentages.

- **Audience:** Designated Asset Owners
- **Systems:** Markets UI and API
- **Testing:** Designated Asset Owners will ensure they are able to update the percent ownership share of CIRs by submitting a resource offer.
 - Market Participants will need to ensure their CIRs are available for commitment in both DAMKT and RUC. SPP may need to manipulate the CIR resource offer data to ensure testing scenarios can be committed and completed.
 - Market Test Cases are located in the project folder and should be completed and submitted via the RMS Project Quick Pick no later than July 17, 2020.

QUESTIONS

Questions about this release can be submitted to the 'Project Inquiry' Quick pick via RMS:
<https://spprms.issuetrak.com/>.

- Subtype 1 'Settlements Release 1.2'.