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# IESO Frontline Experience: Lessons Learned for MRP from RSS Market Trials

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# Lessons Learned for MRP During RSS Market Trials

## RSS Lessons Learned

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A few market participants discovered that their Sandbox accounts were not working at the beginning of the RSS Market Trials. It was later found that their machine accounts were not properly set up in the Sandbox. This did not cause delays in market participant testing but required additional work from the IESO's end to investigate and resolve the issue.

## MRP Response/Action

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MRP will include a period of Connectivity Testing designed to address any issues with Sandbox accounts in advance of Market Trials. In addition, Market participants have been asked to review their Sandbox user and API accounts as early as October 2023, and to report issues encountered as soon as possible. This was mentioned in the October engagement session and will be repeated once more at the kick-off meeting for Connectivity Testing.

The MRP External Readiness Team is also in the process of reviewing market participants that have API accounts connected to Online IESO, MIM, Dispatch Services, and Reports Site, and will be reaching out to market participants who have dormant accounts, or accounts in the Production environment but not in Sandbox.

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# Lessons Learned for MRP During RSS Market Trials

## RSS Lessons Learned

The plan for RSS Market Trials included testing of settlement statements using sample data rather than market participant specific data. When testing began some participants determined that their downstream systems were not prepared to test using sample organization data. These participants were provided with statements using their organization's data but these took time to prepare, reducing time available for testing with participant specific data.

## MRP Action

MRP is providing clear guidance well in advance as to what to expect during testing and will prepare participants for settlement changes using two approaches:

1. Generic settlement statement and data files containing new and updated charge types will be posted on the MRP webpage. These are externally available files that will represent a mock organization's data.
2. Settlement statement and data files will also be provided during End-to-End system testing for MRP. These files will contain data that is specific to the market participant, and will reflect the activities occurring in the Sandbox environment.

# Lessons Learned for MRP During RSS Market Trials

## RSS Lessons Learned

Settlement data files were not provided to accompany some statement files for testing. This hindered the ability of some market participants to test as their systems were configured to check the existence of both files, and to verify that the content in the data files matches the records that are reported in the associated statement files.

Only one set of settlement statements (PSS, FSS, RCSS-1, and RCSS-Final) were issued during the RSS Market Trials. Due to the limited trade dates used, market participants did not notice a difference in the reporting behaviour of certain charge types until the project went live.

## MRP Response/Action

Market participants will be provided with both data files and statement files to support their testing of settlement changes for MRP.

Multiple settlement statement and data files will be generated during end-to-end testing, giving participants an opportunity to verify if the reporting frequency of certain charge types has changed.

# Lessons Learned for MRP During RSS Market Trials

## RSS Lessons Learned

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Market participants were not given an opportunity to re-test issues that were corrected during RSS market trials. While MP-reported issues were successfully recorded and corrected, market participants were not able to confirm resolution of specific defects prior to RSS Go-Live.

Some market participants noted that they were not clear as to how and when issues and defects were resolved.

## MRP Response/Action

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MRP's testing approach will include the following opportunities to verify issues have been corrected:

- MRP system testing involves three phases. Any issues identified in prior test phases and resolved before the start of the next phase can be re-tested.
- Participants using qTest will be automatically informed when failed test cases are ready for re-test during a test phase.
- More than one settlement statement will be issued during end-to-end testing. If issues are resolved during this period, the correction will appear in future statements.

MRP will be hosting wrap-up meetings at the end of each system test phase to review issues that have been resolved during the test phase itself, what defects will persist, and which defects will be resolved before proceeding to the next phase of testing or prior to MRP Go-Live.

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# Thank You

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