Summary of Business Rule Changes with EES Replacement

Introduction

This document serves as a resource for market participants that currently use the Enhanced Energy Scheduler (EES) to submit external transactions to the ISO New England (ISO-NE) energy markets. The EES software application is being replaced with the ISO New England External Transaction Tool (NEXTT).

This software update includes changes to the business rules associated with the submittal and processing of transactions. Market participants must be aware of these changes when submitting transactions to NEXTT. Most of the changes provide more flexibility and information to the customer; while some other changes apply stricter implementation of the market rules.

Note that only changes to the business processes are documented here. Additional training documentation on the web services and NEXTT user interface will be available as the project approaches final implementation.

High Level Business Rule and Process Changes

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Blue text refers to the status of the external transaction; purple text refers to the status of the eTag.
Detailed Explanation of Changes

A. Timing of Validation Results
   • Currently, ISO-NE performs manual validations and sets the status of a transaction to approved.
   • Now, all transaction validations are performed upon submittal, returning the final state of the transaction to the customer.
     o Customer will be able to compare the eTag and OASIS data that may be preventing approval.
     o An automatic process will re-evaluate any transaction in the pending action state every 5 minutes.
     o ISO-NE does still have the ability to review the transactions and approve or deny as-needed if connectivity to eTag and OASIS data is unavailable.

B. eTag Status for ISO Validation
   • Currently, the automated validation of a new transaction can set the transaction status to pre-approved even if the referenced eTag has a status of pending.
     o ISO-NE does not set the transactions status to approved until the eTag status is confirmed.
   • Now, there is only an automated validation. Therefore, the validation will only set a transaction status to approved if the referenced eTag has a status of confirmed.
     o If the eTag status is pending, and all other validations are successful, the resulting transaction status will be set to a status of pending action.
     o An automatic process, comparable to today’s process, will revalidate all transactions with a status of pending action every 5 minutes. If the status of the eTag has changed to confirmed, then the status of the transaction will be updated to approved.

C. Granularity of Validation
   • Currently, each submittal is reviewed as a whole resulting in one status for that time range.
   • Now, each hour of the transaction is evaluated separately and has its own status.

D. eTag and OASIS Required
   • Currently, if an eTag ID or OASIS reservation is required, the transaction can be submitted without the data and status would be pending action.
   • Now, if an eTag ID or OASIS reservation is required on a transaction, that data must be present before the transaction can be submitted.
     o Validations will be performed on the data that is provided.
     o The data can be modified up to the earliest SS market deadline on the transaction for both priced and SS RT transactions.

E. eTag MW Comparison
   • Currently, the eTag and transaction MW must be the same for all hours.
   • Now, the eTag validation has been changed so that the submitted external transaction MW must be less than or equal to the eTag MW for each hour compared; they need not be equal for all hours.
     o Changes to transactions that decrease the MW from previously submitted transactions will not require the customer to modify eTag to match the transaction.
     o ISO-NE will issue an eTag curtailment to the submitted MW after the market closes for each hour before the transaction is evaluated in the RT scheduling process.

F. RT Modifications replace previous submittal
   • Currently, an existing approved submittal is not replaced until the new submittal is in approved status.
   • Now, after initial submittal, if the MW/price for any interval is resubmitted the resubmitted data overwrites the previous data. An example is shown below.
     o Original submittal for an interval is assigned status approved.
     o Resubmittal of that interval results in status pending action.
- This pending action data replaces the approved data. The interval with the status approved no longer exists
  - If that pending action status is not updated to approved before the market deadline nothing will be scheduled in RT for that hour

G. Modifying Header Data
- Currently, once the RT status is approved, the eTag ID, OASIS ID and data associated with any market options cannot be changed
- Now, the header data (eTag ID, Outside Reference Name, Outside Reference ID, Import Resource), and OASIS data and market options can be modified until the earliest SS market deadline on the transaction

H. Market Deadline Enforcement
- Currently, ISO-NE may approve a transaction submitted by the market deadline when the referenced eTag does not become confirmed until after the market deadline
- Now, only RT transactions with a status of approved at the market submittal deadline will be considered in RT scheduling
  - This means that the referenced eTag must reach a status of confirmed before the market deadline
    - Recall that the eTag need only be modified if the new MW on the transaction is higher than the MW on the eTag
  - Any interval of a RT transaction that is not approved by the market deadline will be denied
    - Only the interval that has past the market deadline will be denied. All other intervals in the future that are not yet approved will continue to be automatically re-evaluated every 5 minutes