


System Operating Procedures

SOP-RTMKTS.0020.0030

Evaluate External Transaction Status

Effective Date: January 28, 2011
Revision No. 13

	© ISO New England Inc. 2011	Procedure: Evaluate External Transaction Status
	Process Name: Evaluate Real-Time External Transactions	
	Procedure Number: RTMKTS.0020.0030	Revision Number: 13
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Contents

1.	Objective	2
2.	Background	2
3.	Responsibilities.....	3
4.	Controls	3
5.	Instructions.....	4
5.1	Real-Time External Transaction Notification and Response Time	4
5.2	Evaluate Real-Time External Transaction Status	4
5.2.1	Review Real-Time External Transaction	5
5.2.2	Submit External Transactions after the Noon Day-Before Deadline	7
5.3	Respond to Transmission Loading Relief (TLR) Event.....	8
5.4	Communicate External Transaction Denial	8
5.5	Communicate NYISO Priced Transactions Backing Import Capacity Resources.....	8
6.	Performance Measures.....	9
7.	References.....	9
8.	Revision History	9
9.	Attachments	10

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1. Objective

The objective of this procedure is to evaluate Real-Time External Transactions. This procedure documents the responsibilities of ISO New England (ISO) staff. The ISO staff reviews Real-Time External Transaction schedules and approves/denies each requested schedule.


Compliance with this procedure is necessary to allow Market Participants and others to schedule transactions, to support the Open-Access Same-Time Information System (OASIS) and to ensure reliable and cost-effective operation of the power system. This procedure affects Market operation and Settlement.

2. Background

ISO New England Manual for Market Operations Manual M-11 (Manual 11), and ISO New England Operating Procedure No. 9 - Scheduling and Dispatch of External Transactions (OP-9) govern the submittal and dispatch of External Transactions. Real-Time External Transactions can be scheduled to flow over any of the inter-area interfaces: New York Northern AC Ties, New York Cross Sound Cable (CSC), Northport to Norwalk Harbor Cable (NNC), New Brunswick to New England (NB-NE), Hydro Quebec (HQ) - Phase II, or HQ - Highgate. Total Transfer Capability (TTC) for each interface is calculated in accordance with the SOP-OUTSCH.0030.0020 - Perform Short-Term Outage Coordination, which establishes the maximum amount of power that can be transferred reliably under the anticipated system conditions within North American Electric Reliability Corporation (NERC), Northeast Power Coordinating Council, Inc. (NPCC), and ISO operating criteria.

NOTE

For the purposes of this procedure, the term Real-Time External Transactions refers exclusively to External Transactions associated with the Energy Market.


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3. Responsibilities

The Tariffs, Schedules and Oasis (TSO) Administrator is responsible for performing the directed actions of this procedure.

4. Controls

- External Transaction data shall be submitted and received by the defined ISO deadline in order to be accepted for system use
- Status changes to Real-Time External Transaction submittals shall be documented with dates and details through the appropriate logging system
- All Real-Time External Transactions are evaluated prior to the relevant Trading Hour

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5. Instructions

5.1 Real-Time External Transaction Notification and Response Time

NOTE

Market Participants submit External Transactions through the user interface in the Market System either interactively or via file upload.

1. The TSO Administrator on shift is automatically notified by software each time for an Hourly Real-Time External Transaction submittal after the noon day-before submittal deadline.
2. The TSO Administrator on shift shall evaluate Real-Time External Transactions submitted at least 60 minutes prior to the Trading Deadline:
 - In the order of submittal
 - Before the Trading Deadline
 - As soon as practical after receipt, but no sooner than 10 days prior to the noon day-before deadline


5.2 Evaluate Real-Time External Transaction Status

NOTE

External Transactions submitted through the Enhanced Energy Scheduler (EES) Market User Interface (MUI) must pass certain EES validations prior to appearing in the EES Market Operator Interface (MOI) for review by the TSO Administrator.


It is the responsibility of the Purchasing Selling Entity (PSE) to ensure the External Transactions submitted meet the EES validations and go to a pre-confirmed status. The TSO Administrator does not evaluate External Transactions with a pending status. If the PSE submits an External Transaction with a pending status it will not be reviewed by the TSO Administrator.

The PSE should contact the TSO Administrator to try and fix the problem.


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5.2.1 Review Real-Time External Transaction

1. The TSO Administrator shall access the EES MOI to review the External Transaction information to ensure that it is:
 - A. Complete.
 - B. Consistent with and appropriately covered by:
 - NERC E-Tag
 - OASIS reservation when required
 With respect to:
 - Start/stop time
 - Interface
 - Flow direction
 - Energy profile
 - C. In compliance with the Market Rules.
2. The TSO Administrator shall ensure that all required elements are complete by performing a three-way matching process to reconcile information displayed in the EES MOI:
 - External Transaction information from the Market System
 - NERC Tag information from Electronic Tagging System (ETS)
 - Transmission reservation information from OASIS/ Transmission Access Management System (TAMS) as required
3. If the External Transaction is flagged as a Non-Capacity Supply Obligation (Non-CSO) Export, the TSO Administrator shall verify the Seasonal Claimed Capability (SCC) minus the Capacity Supply Obligation (CSO) of the associated Generator is greater than or equal to the External Transaction.


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4. If the External Transaction is flagged as an Unconstrained Export, the TSO Administrator shall validate the location of the Generator with respect to the external interface as follows:
 - A. If interface = other than CSC or NNC, the associated Generator may be located anywhere in New England
 - B. If interface = CSC or NNC, the TSO Administrator shall notify the Operations Shift Supervisor and verify the following information is true:
 - (1) The associated Generator must be located within Connecticut
 - (2) If the External Transaction is submitted after the close of the re-offer period, the associated Generator must also re-declare Non-CSO MWs backing the External Transaction after the close of the re-offer period.
5. If the External Transaction is flagged as a Local Second Contingency Commitment (LSCC) Export, the TSO Administrator shall verify the total of the LSCC Export External Transactions for each hour is less than or equal to 100 MW and the associated comment entry is “360”.
6. After reviewing the External Transaction information, the TSO Administrator shall perform one of the following actions:
 - A. If all information matches and is verified as valid, the TSO Administrator shall approve the External Transaction and it shall be considered available to be scheduled.
 - B. If any information is not valid, the TSO Administrator shall deny the External Transaction, use the EES MOI to document the denial and reason and contact the Market Participant.
7. After the approval of any External Transaction with the Non-CSO Export, Unconstrained Export or LSCC Export flag the TSO Administrator shall run the query “Non-CSO Exports” and provide the output to the Forecaster, Operations Shift Supervisor and Generation Operator

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5.2.2 Submit External Transactions after the Noon Day-Before Deadline

1. The TSO Administrator shall review Hourly Real-Time External Transactions submitted after the noon day-before deadline as follows:
 - A. Perform review in accordance with Section 5.2.1 above but on an accelerated basis before the check out of the next hour Real-Time External Transactions.
 - B. When an Hourly Real-Time External Transaction is flagged as a Non-CSO Export, hand-carry a screen print-out of the Hourly Real-Time External Transaction to the Forecaster.
2. The Forecaster shall verify that the Non-CSO Export External Transaction has been appropriately considered for future hour commitment.

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5.3 Respond to Transmission Loading Relief (TLR) Event

NOTE

When a TLR alarm is received by ISO, the Open Access Technology international (OATi) software will display a red flag pop-up alarm.


1. When a TRL alarm is received, the TSO Administrator shall click on the “red flag” symbol (or “Adjust List”) on the “Interchange Transaction” page to get to the “Tag Adjustment List for ISNE” page.
2. Ensure the “Status” filter is set to “Active”.
3. Determine which Tag(s) are affected by the TRL Event.
4. Identify the External Transaction(s) in the Market System.
5. Notify the Generation Operator which External Transaction(s) must be curtailed and the MW value.
6. Reset the Alarms so the red flag disappears to allow the flag to warn of another TRL.

5.4 Communicate External Transaction Denial

The TSO Administrator shall notify the Market Participant and the NERC E-Tag submitter of any denial of an External Transaction submittal.

5.5 Communicate NYISO Priced Transactions Backing Import Capacity Resources

1. When the Day Ahead Market results are available for the next Operating Day, the TSO Administrator shall compile the NYISO priced transactions backing Import Capacity Resources showing the Day Ahead Market results and perform the following:
 - A. Transmit a fax of the above information to the NYISO Control Room.
 - B. Provide a copy of the fax to the Generation Operator.

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6. Performance Measures

None.

7. References


ISO New England Manual for Market Operations Manual M-11, (M-11)
 ISO New England Operating Procedure No. 9 - Scheduling and Dispatch of External Transactions (OP-9)

SOP-RTMKTS.0030.0020 - Perform Short-Term Outage Coordination

NERC Reliability Standard IRO-006 - Reliability Coordination - Transmission Loading Relief (TLR)

8. Revision History

Rev. No.	Date	Reason	Contact
0	03/01/03	Original	John Simonelli
1	09/08/03	Revised to include steps for TLR Events	John Simonelli
2	12/01/03	Changes to the Controls and Performance Measures sections.	John Simonelli
3	02/01/05	Updated SOP for RTO terminology	Mike Zeoli
4	03/29/05	Update to NERC Version 0 Standard	Mike Zeoli
5	05/02/05	Update for partially de-listed units	Mike Zeoli
6	7/11/06	Updated as a result of Annual review, added information about PSE communications and deleted notifications to NTTR for CSC scheduling	Mike Zeoli
7	05/07/07	Changed responsibilities for scheduling transactions from the Senior to the Generation Operator and deleted reference to Phase 1	Mike Zeoli
8	05/30/07	Revised for separation of 1385 Cable from the New York Northern AC tie and retirement of Phase 1	Mike Zeoli
9	03/16/09	Biennial review performed, deleted reference to MEPCO	Steve Weaver
10	07/14/09	Minor editorial modifications; Changed 1385 Cable to Northport to Norwalk Harbor Cable (NNC); Modified step 5.2.1.3 to include denying self-scheduled transactions backing ICAP Imports that failed the day-before checkout	Steve Weaver

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0	03/01/03	Original	John Simonelli
11	06/01/10	Global editorial changes to make use to terms consistent, made grammar/punctuation/spelling/format changes for clarity of who and what directed actions are performed and to be consistent with current practices; Modified Section 5.2.1 added steps and sub-steps 5.2.1.4, 4.A; 5.2.1.5, 5.2.1.5.A. & 5.2.1.5.B. and 5.2.1.6 to manually validate the external transactions flagged as Non-CSO Export and Unconstrained Exports Section 7 References added SOP-RTMKTS.0030.0020	Steve Weaver
12	07/28/10	Reworded step 5.2.1.4 sub-steps to clarify language	Steve Weaver
13	01/28/11	Biennial review by procedure owner; Updated Header copyright date; Replaced Footer page numbers with Page X of Y format; Section 2 corrected titles for Manual 11 and OUTSCH.0030.0020; Added new Section 5.5, steps and sub-steps; Section 7 corrected titles for OUTSCH.0030.0020 & IRO-006	Steve Weaver

9. Attachments

None.