




System Operating Procedures

SOP-RTMKTS.0030.0010

Check Out with Neighboring Reliability
Coordinator / Balancing Authority

Effective Date: January 6, 2011
Revision No. 13

	© ISO New England Inc. 2011	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012


SOP-RTMKTS.0030.0010 - Check Out with Neighboring Reliability Coordinator / Balancing Authority

Contents

1.	Objective	2
2.	Background	2
3.	Responsibilities.....	3
4.	Controls	3
5.	Instructions.....	4
	5.1 Notification and Response Time.....	4
	5.2 Checkout of Real-Time External Transactions	5
	5.2.1 Comparison of Schedules	5
	5.2.2 LSCC Export Transactions.....	6
	5.2.3 Delivering Schedules to Forecaster	6
	5.2.4 Delivering Schedules to Generation Operator.....	7
	5.3 Communications.....	7
6.	Performance Measures.....	8
7.	References.....	8
8.	Revision History	8
9.	Attachments	10

*This document is controlled when viewed on the ISO New England Internet web site. When downloaded and printed, this document becomes **UNCONTROLLED**, and users should check the Internet web site to ensure that they have the latest version. In addition, a Controlled Copy is available in the Master Control Room procedure binder.*

The information contained in this document is for use by ISO New England staff only and is subject to modification. ISO New England Inc. is not responsible for any reliance on this document by others, or for any errors or omissions or misleading information contained herein.

	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

1. Objective

NOTE

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

The objectives of this procedure are to:

- Check out Real-Time External Transaction data:
 - With neighboring Reliability Coordinators/Balancing Authorities (RCs/BAs) that have been submitted before noon on the day before the Operating Day
 - Submitted after the Day Ahead Market results have posted
- Provide External Transaction reports to other ISO New England (ISO) control room personnel.
- Document the responsibilities of the ISO staff.

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 Transmission Access Management System (TAMS)
- Ensure reliable and cost-effective operation of the power system.


This procedure affects Market operation and Settlement.

2. Background

The submittal and dispatch of external transactions are governed by 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).

External transactions can be scheduled to flow over any of the inter-Reliability Coordinator Area/Balancing Authority Area (RCA/BAA) 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
- HQ - Highgate.


	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

3. Responsibilities

The Tariffs, Schedules and OASIS (TSO) Administrator is responsible for executing this procedure.

4. Controls

- Data shall be submitted and received by the defined ISO deadline in order to be accepted for system use
- Changes to External Transaction data shall be recorded/documented with dates and details using the Enhanced Energy Scheduler (EES) Market Operator Interface (MOI)
- The following NERC Reliability Standards require ISO to maintain 90 days of historical data:
 - INT-003 - Interchange Transaction Implementation (as the Balancing Authority)
 - INT-005 - Interchange Authority Distributes Arranged Interchange (as the Interchange Authority)
 - INT-008 - Interchange Authority Distributes Status (as the Interchange Authority)
- ISO procedure RSKMGT.0200.0010 Appendix 2 - ISO-NE Record Retention Schedule, requires ISO to maintain 6 years of historical data.

	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

5. Instructions


5.1 Notification and Response Time

1. The day-before checkout process shall be performed the day before the Operating Day, after the 1600 close of the Day Ahead (DA) Market
2. The day-before checkout process shall be initiated when:
 - A. The Evaluate Real-Time External Transactions process has been completed for those transactions submitted before noon the day-before the Operating Day.
 - B. Communications are received from a neighboring RC/BA regarding net interchange schedules and scheduled Real-Time External Transactions.
3. The reports shall be generated in the timeframes defined in Steps 5.2.3 and 5.2.4 of this SOP.

NOTE

Net interchange/transaction schedules are communicated to ISO by adjacent systems as follows:

- New York Independent System Operator (NYISO) web-based Facilitated Transaction Checkout (FTC) tool and phone call
- HQ web-based Facilitated Transaction Checkout (FTC) tool and e-mail. If there are discrepancies a phone call is placed
- New Brunswick System Operator (NBSO) web based FTC tool. If there are discrepancies a phone call is made to resolve issues

	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

5.2 Checkout of Real-Time External Transactions

5.2.1 Comparison of Schedules

NOTE


Must-take Real-Time External Transactions are also known as Fixed Transactions or self-scheduled transactions.

1. Using the EES MOI, the TSO Administrator shall check the transaction schedules submitted before noon for consistency with each adjacent RC/BA for the next Operating Day by interface as follows:
 - A. Check the net schedule for each hour.
 - B. Check individual Fixed Transactions:
 - (1) NERC E-Tag number.
 - (2) MW amount.
 - (3) Start/stop time and/or individual hours.
 - C. Check individual dispatchable Real-Time External Transactions:
 - (1) NERC E-Tag number.
 - (2) MW amount.
 - (3) Start/stop time and/or individual hours.

NOTE

If there is a tag mismatch with NYISO, the Purchasing Selling Entity (PSE) is allowed to adjust the tag in the NY Hour Ahead Market (HAM) after the checkout has been completed between the RCs/BAs. The PSE is responsible for making the change.

2. If a NERC E-Tag does not check out, the TSO Administrator shall attempt to resolve the issue.
3. If any transactions do not check out with respect to MW amount and/or start/stop time and /or individual hours, the TSO Administrator shall perform the following actions:
 - A. Attempt to resolve the issue with the appropriate adjacent RC/BA
 - B. Contact the PSE to adjust the MW amount in their transaction and tag to match the other RC/BA


	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

5.2.2 LSCC Export Transactions

1. After the Day Ahead Energy Market results have been posted, the TSO Administrator shall review any Local Second Contingency Commitment (LSCC) Export transactions and verify the Day Ahead Energy Market result match the submitted MW amount.
2. If the LSCC Export has cleared less than the submitted MW amount in any hour of the Day Ahead Energy Market, the TSO Administrator shall:
 - A. Deny the transaction for that operating day
 - B. Notify the PSE to resubmit the Real-Time transaction with a MW profile matching the amount that cleared the Day Ahead Energy Market and truncated to the next lowest whole MW if the cleared amount includes a partial MW.

5.2.3 Delivering Schedules to Forecaster

1. At 1600, the TSO Administrator shall run the initial RAA Report and deliver a schedule of the Real Time Transactions for the following day to the Forecaster for use in the initial Reserve Adequacy Assessment (RAA) run.
 - A. If there are LSCC Export transactions that have been submitted, the MW amount of those transactions shall be manually noted on the report.
2. The TSO Administrator shall run the RAA Report and deliver updates to the Forecaster by 1800 for the Next Day report and 2045 for the Next Day or for any large MW changes.
 - A. When running the 1800 report:
 - (1) If any LSCC Export transactions are present for the next day, the report shall include a manual note of the MW amount of LSCC Export transactions and a copy of that transaction shall be provided to the Forecaster.
 - (2) If any Unconstrained Export transactions are present on either the CSC or NNC interface, the report shall include a manual note of the MW amount of the Unconstrained Export transaction and a copy of that transaction shall be provided to the Forecaster.


	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

5.2.4 Delivering Schedules to Generation Operator

1. At 2100, the TSO Administrator shall run the “NYN Priced ICAP” query in the EES MOI and perform the following with the resulting report:
 - Provide a copy to the Generation Operator.
 - Fax a copy to the NYISO Control Room.

5.3 Communications

1. The TSO Administrator shall communicate with each neighboring RC/BA as follows:
 - NYISO: Web-based Facilitated Transaction Checkout (FTC) tool and phone call
 - HQ: Web-based Facilitated Transaction Checkout (FTC) tool and e-mail the checkout sheets
 - NBSO: Web-based Facilitated Transaction Checkout (FTC) tool
2. The TSO Administrator shall use the EES MOI to record changes to Real-Time External Transactions data, including dates and details.

	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

6. Performance Measures

None.

7. References

NERC Reliability Standard INT-003 - Interchange Transaction Implementation

NERC Reliability Standard INT-005 - Interchange Authority Distributes Arranged Interchange

NERC Reliability Standard INT-008 - Interchange Authority Distributes Status


RSKMGT.0200.0010 Appendix 2 - ISO-NE Record Retention Schedule,

ISO New England Manual for Market Operations Manual M-11, (Manual 11)


ISO New England Operating Procedure No. 9 - Scheduling and Dispatch of External Transactions (OP-9)

8. Revision History

Rev. No.	Date	Reason	Contact
0	03/01/03	Original	John Simonelli
1	07/07/03	Changes since the implementation of SMD	John Simonelli
2	12/09/03	Added in steps to document TSO dissemination of Interchange Schedules and changes in Controls and Performance Measures	John Simonelli
3	8/18/04	Revised to add in Facilitated Transaction checkout tool (FTC) and electronic data transfer (FTP) for communication. Added in report times and entering denial info into Logserver	John Simonelli
4	02/01/05	Updated SOP for RTO terminology	Mike Zeoli
5	02/16/06	Revised to include FRP and FTC nomenclature	Mike Zeoli
6	7/11/06	Updated SOP as a result of Annual Review, added fax as a communication tool and added information about tag mismatch	Mike Zeoli
7	05/30/07	Incorporate the new separated tie 1385 from the NY Northern AC ties	Mike Zeoli

	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

Rev. No.	Date	Reason	Contact
8	03/16/09	Deleted reference to MEPCO, revised NB communications for transactions and modified sections to reflect clearing for Day ahead transactions	Steve Weaver
9	05/01/09	Globally defined and used acronym for Control Area/Balancing Authority (CA/BA); Restored correct direct action in steps 5.2.1.2., 5.2.1.3., 5.2.2.1., and 5.2.2.2 (2 nd bullet)	Steve Weaver
10	07/13/09	Minor grammatical and editorial changes; Added Step 5.2.1.4. to deny self-scheduled transactions backing ICAP Import Contracts that fail the day-before checkout; Added Step 5.2.3.1. to direct creation and delivery of NYN ICAP report to Generation Operator.	Steve Weaver
11	06/01/10	Biennial review by procedure owner; Global replaced Control Area/Balancing Authority (CA/BA) with Reliability Coordinator Area/Balancing Authority (RCA/BAA); Section 2.0 and Section 7 corrected OP-9 title (replaced “Contracts” with “Transactions”); Section 5.1.3. NOTE, 2 nd bullet: replaced “fax” with “e-mail”; Section 5.2.1. NOTE: added “or self-scheduled transactions”; 5.2.1.4 Has been deleted; New Section 5.2.2. “LSCC Export Transaction” steps and sub-steps has been added to ensure that these transactions are submitted into Real-time for the MW amount that cleared in the DAM; Sections 5.2.3.2 replaced “forecast office” with “Forecaster” 5.2.3.2.A and 5.2.3.2.A. and (1) & (2) have been added, TSO Administrator to include LSCC Exports on the initial RAA report; Section 5.3.1. 2 nd bullet: replaced “fax” with “e-mail”;	Steve Weaver
12	09/27/10	Corrected the SOP title and the title in each header; Globally Corrected every instance of RCA/BAA with replaced RC/BA; Section 1: moved NOTE from Section 2 to this location, Modified 1 st paragraph and Added a new sub-bullet stating: “Submitted after the Day Ahead Market results have posted” Replaced “area” with RCA/BAA; Section 3 defined acronym OASIS; Step 5.1.1 modified; Deleted former sub-step 5.1.1.A, B, & C; NOTE following step 5.1.3 defined acronyms for NYISO and NBSO; Globally made minor grammar, punctuation and format changes; Modified steps 5.2.1.2, 5.2.2.1, 5.2.2.2.B, 5.2.3.1, & 5.2.3.2, 5.2.3.2.A.(2) Deleted Step 5.2.3.2 bullets; Modified Step 5.2.4; Reformatted and corrected capitalization in Step 5.3.1 bullets; Changed grammar in step 5.3.2	Steve Weaver

	© ISO New England Inc. 2010	Procedure: Check Out with Neighboring Reliability Coordinator / Balancing Authority
	Process Name: Perform Day-Before Check Out of Real-Time External Transactions	
	Procedure Number: RTMKTS.0030.0010	Revision Number: 13
	Procedure Owner: Steve Weaver	Effective Date: January 6, 2010
	Approved By: Director, Operations	Valid Through: June 1, 2012

Rev. No.	Date	Reason	Contact
13	01/06/10	Updated Header copyright date; Added requirements of NERC Reliability Standards INT-003, INT-005 & INT-008 to Section 4 Controls; Added RSKMGT.0200.0010 Appendix 2 - ISO-NE Record Retention Schedule to Section 4 Controls Added NERC Reliability Standards INT-003, INT-005 & INT-008 to Section 7 References Added RSKMGT.0200.0010 Appendix 2 - ISO-NE Record Retention Schedule to Section 4 Controls	Steve Weaver

9. Attachments

None.