	© ISO New England Inc. 2023	Procedure: Scheduling Capability, Claim 10/30 and MRR Audits
	Process Name: Capture Resource Outage Requests	
	Procedure Number: OUTSCH.0010.0020	Revision Number: 8
	Procedure Owner: Maya Ault	Effective Date: March 7, 2023
	Approved By: Director, OSS	Valid Through: March 7, 2025


SOP- OUTSCH.0010.0020

Scheduling Capability, Claim 10/30 Audits

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1. Objective

The objective of this procedure is to document how ISO New England (ISO) Short Term Outage Coordination (STOC) group schedules the following audits when requested by a Market Participant or an appropriate ISO department:

- Claimed Capability Audit (CCA),
- Off-line reserve:
 - Ten Minute Non-Spinning Reserve (TMNSR)
 - Thirty-Minute Operating Reserve (TMOR)

2. Background

Active ISO Resources are diverse and include but are **not** limited to: Generator Assets, Dispatchable Asset Related Demands (DARDs), and Demand Response Resources (DRRs).


ISO establishes the Seasonal Claimed Capability (SCC) for each Generator Asset by different methods including the following: an Establish CCA, a Seasonal CCA, hydrology data, and calculations based upon availability during reliability hours.

For a Generator Asset or Demand Response Resource (DRR) to maintain its Claim 10 or Claim 30 value for its off-line reserve capability (TMNSR and TMOR), an electronic fast-start dispatch is required at least once in each Forward Reserve Procurement Period.

The Lead Market Participant (Lead MP) or Designated Entity (DE) may request that ISO conduct an audit of an applicable Generator Asset parameter.

Additionally, ISO may, at any time, perform an unannounced audit of any parameter (including but **not** limited to CCA, Eco Max, Claim10, Claim30 etc.) that impacts the ability of a Generator Asset to provide Real-Time energy or reserves. These types of audits are referred to as “ISO-Initiated” audits.

Each Establish CCA and **Seasonal CCA** is requested by the Market Participant and shall be treated as Owner Testing by the Generation Coordinator and the Control Room. Both Establish CCA and Seasonal CCA are dispatched by the Control Room.

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3. Responsibilities


NOTE

A member of the STOC group is referred to as Generation Coordinator in this SOP.

1. The STOC group is responsible for reviewing and approving audits in the ISO Outage Scheduling software.

4. Controls

All audits are properly and reliably scheduled to be conducted in Real-Time operations.

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5. Instructions

5.1 Scheduling a CCA

1. When a DE requests to perform a CCA in conjunction with a Claim 10/30 audit, a Real-Time Studies Analyst and Asset Registration and Auditing (ARA) Analyst shall coordinate with a member of the STOC group to schedule the audit for the five (5) Business Day window that corresponds to the Claim10/30 audit window.

NOTE


A request made for an Establish CCA is created by the ARA Analyst and is then reviewed, if system conditions allow, the request approved by the Generation Coordinator.

2. As applicable, the Generation Coordinator shall enter or verify the following data for the Generator Asset audit into the ISO Outage Scheduling software:
 - Outage priority: Owner Test (Participant- Requested Audit) or ISO Test (ISO-Initiated Audit)
 - Visibility: “Private” (ISO-Initiated Audit) or “Public” (Establish or Seasonal CCA)
 - Unit (automatically populates Asset ID, Asset Name and SCC)
 - For an Establish CCA or Seasonal CCA performed in conjunction with a Claim 10/30 audit, the planned start and end dates/times match the planned start and end dates/times of the corresponding Claim 10/30 application and the corresponding applications are linked
 - For an Establish CCA performed **not** following a Claim 10/30 audit, the date and time window will be provided by the ARA Analyst
 - The Generation Coordinator shall verify the duration (Hrs) required for an Establish CCA duration (Hrs) entered into the ISO Outage Scheduling software is consistent with the information in Table 1 for each Generator Asset type.

NOTE

The required contiguous duration for an Establish CCA for each Generator Asset type in accordance with Section III.1.5.1.2 (h) of Market Rule 1 is provided in Table 1.

Table 1 Duration Required for an Establish Claimed Capability Audit	
Type	Claimed Capability Audit Duration (Hrs)
Steam Turbine (Includes Nuclear)	4
Combined Cycle	4
Integrated Coal Gasification Combustion Cycle	4
Pressurized Fluidized Bed Combustion	4
Combustion Gas Turbine	1
Internal Combustion Engine	1
Hydraulic Turbine – Reversible (Electric Storage)	2
Hydraulic Turbine – Other	
Hydro-Conventional Daily Pondage	2
Hydro-Conventional Run of River	
Hydro-Conventional Weekly	
Wind	2
Photovoltaic	
Fuel Cell	
Other Electric Storage (Excludes Hydraulic Turbine - Reversible)	2

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- For a Seasonal CCA performed **not** in conjunction with a Claim 10/30 audit, the date and time requested by the DE/Lead MP

- In ISO Comments field:


(1) One of the following statements:

- If this is an Establish CCA: “This is a Participant-Requested Establish CCA, perform between 0800-2200 weekdays on Non-NERC holidays”
- If this is a Seasonal CCA: “This is a Participant-Requested Seasonal CCA and can be performed anytime, as requested by the DE in Real-Time”
- If this is an ISO Initiated Audit, “This is an ISO-Initiated CCA and can be performed anytime”

(2) Required duration of CCA

(3) If CCA will follow a Claim 10/30 audit

3. During the afternoon STOC to Control Room turnover meeting, the Generation Coordinator shall inform the Operations Shift Supervisor and Forecaster of each ISO Outage Scheduling software application for all pending audits.


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5.2 Scheduling Claim 10/30 Audit


NOTE

The audit must be completed within 5 Business Days from when the ARA Analyst receives the request, unless the audit is cancelled by the participant or system reliability does **not** allow the completion of the audit.

1. Upon receipt of a submitted generation outage request in the ISO Outage Scheduling software for a Claim 10/30 audit from the ARA Analyst, the Generation Coordinator shall verify submitted information with the attached ISO New England Operating Procedure No. 23 - Resource Auditing (OP-23), Appendix A - Off-line Reserve Audit Request Form (OP-23A) and assess system conditions for the audit time period.
2. If the requested audit is to be performed in conjunction with a CCA, the Generation Coordinator shall verify that the planned start and end dates/times match the planned start and end dates/times of the corresponding CCA application.
3. The Generation Coordinator shall review the following information in the ISO Outage Scheduling software:
 - Outage priority: Owner Test (Participant- Requested Audit) or ISO Test (ISO-Initiated Audit)
 - Visibility: “Private” (ISO-Initiated) or “Public” (Participant-Requested)
 - Unit
 - Participant-Requested Audits will only be performed on weekdays that are non-NERC holidays
 - Planned Start of a Participant-Requested Audit: 0700 on the first eligible business day for performing the audit
 - Planned End of a Participant-Requested Audit: 2200 on the last eligible business day for performing the audit
 - Planned Start of an ISO-Initiated Audit: 0000 on the first recommended day for performing the audit.
 - Planned End of a ISO-Initiated Audit: 2359 on the last recommended day for performing the audit

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- ISO Comments: Comments shall include the following entries:
 - (1) The appropriate language from SOP-RTMKTS 0180.0030 – Audit Resource Parameters for either a Participant-Requested or ISO-Initiated Audit
 - (2) If a CCA is to follow the Claim 10/30 audit, the applicable ISO Outage Scheduling software application number for the associated CCA
- 4. If all information is accurate and reliable system conditions are expected for the duration of the audit, the Generation Coordinator shall update the ISO Outage Scheduling software request Outage Status to Approved.
- 5. If the information is **not** correct or transmission system conditions will **not** be reliable for the audit, the Generation Coordinator shall work with the ARA Analyst to correct the information or reschedule the audit.
- 6. During the afternoon STOC to Control Room turnover meeting, the Generation Coordinator shall inform the Operations Shift Supervisor and Forecaster of each ISO Outage Scheduling software application for all pending audits.

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6. Performance Measures

None

7. References

ISO New England Operating Procedure No. 23 - Resource Auditing (OP-23)


ISO New England Operating Procedure No. 23, Appendix A – Off Line Reserve Audit Request Form (OP-23A)

SOP-RTMKTS.0180.0030 - Audit Resource Parameters

ISO New England Inc. Transmission, Markets, and Services Tariff (ISO Tariff) Section III Market Rule 1

8. Revision History

Rev. No.	Date	Reason	Contact
0	02/14/14	Initial procedure	Norm Sproehnle
1	08/13/14	Biennial review by procedure owner completed; Globally minor editorial changes to grammar for clarification and to be consistent with current practices and management expectations ; Step 5.1.2 1 st bullet, and Step 5.2.4 1 st bullet, removed ISO Testing due to confusion on setting SS flag; Step 5.1.2. 2 nd , 4 th , 5 th & 6 th bullets, corrected grammar; Section 7 deleted Market Rule 1, M-RPA and OP-23	Norm Sproehnle
2	03/06/15	Biennial review by procedure owner; Defined acronym of “SOS” for System Operations Support (group); Updated to process of using a window for audit, planned start to planned end, instead of specific date to give control room flexibility to perform when desired;	Norm Sproehnle
3	09/22/15	Biennial review completed by the procedure owner; Updated due to process changes within SOS group;	Norm Sproehnle
4	01/06/16	Biennial review completed by the procedure owner: Step 5.1.3.(1) and sub-step modified to be consistent with CROP and training; Step 5.2.3.(1) and sub-steps modified to be consistent with changes made in step 5.1.3.(1) and sub-steps;	Norm Sproehnle
4.1	11/07/17	Periodic review performed requiring no changes: Made required administrative changes to publish a Minor Revision (added required corporate document identity to all page footers);	Norm Sproehnle

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Rev. No.	Date	Reason	Contact
5	03/11/19	Biennial review completed by the procedure owner: Removed text referring to MRR audits; Provided clarification that the ARA group is responsible for coordinating the Establish CCA; Specified that the TOTS Analyst is the point of contact for Claim 10/30 audits; Globally, made required administrative changes and editorial changes consistent with current conditions, practices and management expectations;	Norm Sproehnle
6	10/11/19	Updated procedure owner in all headers and Contact in Revision History; Modified step 5.1.2, guidance of audit times based on Market Rule 1; Section 7, added Tariff Section III, Market Rule 1	Maya Ault
7	03/07/21	Biennial review completed by procedure owner; Removed note in section 5.2 regarding weekdays and non-NERC holidays and moved it to step 3;	Maya Ault
8	03/07/23	Biennial review completed by procedure owner; Updated title of procedure to change the word Generator to Resource to align with ISO terminology; Establish CCA was changed from Private to Public; Minor administrative changes throughout; Removed reference to MRR due to it not being performed in our process; Reference to Real-Time Studies changed to ARA to reflect the current responsibility structure;	Maya Ault

9. Attachments

None.