

Appendix A - Assignment of Responsibilities

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REFERENCES:

1. NPCC Regional Reliability Reference Directory #8 - System Restoration
2. ISO New England Inc. Transmission, Markets, and Services Tariff (ISO Tariff)
3. ISO New England Manual for Market Operations Manual M-11, (M-11)
4. ISO New England Manual for Definitions and Abbreviations Manual M-35 (M-35)
5. ISO New England Manual for Registration and Performance Auditing Manual M-RPA, (M-RPA)
6. ISO New England Operating Procedure No. 1 - Central Dispatch Operating Responsibilities and Authority (OP-1)
7. ISO New England Operating Procedure No. 2 - Maintenance of Communications, Computers, Metering and Computer Support Equipment (OP-2)
8. ISO New England Operating Procedure No. 3 - Transmission Outage Scheduling (OP-3)
9. ISO New England Operating Procedure No. 4 - Action During a Capacity Deficiency (OP-4)
10. ISO New England Operating Procedure No. 5 - Resource Maintenance and Outage Scheduling (OP-5)
11. ISO New England Operating Procedure No. 7 - Action in an Emergency (OP-7)
12. ISO New England Operating Procedure No. 8 - Operating Reserve and Regulation (OP-8)
13. ISO New England Operating Procedure No. 9 - Scheduling and Dispatch of External Transactions (OP-9)
14. ISO New England Operating Procedure No. 11- Blackstart Resource Administration (OP-11), Attachment D - Application for Prospective Designated Blackstart Resource (Att D)
15. ISO New England Operating Procedure No. 14 - Technical Requirements for Generators, Demand Response Resources, Asset Related Demands and Alternative Technology Regulation Resources (OP-14)

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16. ISO New England Operating Procedure No. 16 - Transmission System Data (OP-16)

17. ISO New England Operating Procedure No. 18 - Metering and Telemetry Criteria (OP-18)

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I. INTRODUCTION

Consistent with the principles and general responsibilities stated within this OP and to assure the effectiveness of the ISO New England (ISO) Reliability Coordinator Area/Balancing Authority Area (RCA/BAA) central dispatch through the ISO, Local Control Centers (LCCs), Transmission Owners (TOs) and Market Participant (MP) facilities, the following dispatch assignments are made. The listed assignments include most of the fundamental responsibilities of central dispatch but are **not** inclusive of all responsibilities assigned. It is expected that these responsibilities will receive continual review and will be updated as needed to assure efficient operation of the power system. It is further understood that all operating entities at ISO and each LCC, each TO and each MP level share a responsibility to protect proprietary and privileged information that may unduly influence the operation of the New England Markets in the ISO RCA/BAA in accordance with the ISO New England Inc. Transmission, Markets, and Services Tariff (ISO Tariff) Attachment D - ISO New England Information Policy.

II. TRANSMISSION OPERATION

ISO RESPONSIBILITIES

1. Monitor the power flow on each non-radial transmission facility operating at 115 kV and above, each non-radial inter-LCC transmission facility, each inter-RCA/BAA transmission facility and each facility associated with a pre-determined inter-RCA/BAA power flow.
2. Initiate dispatch actions, including the commitment/de-commitment and MW adjustment of each generator, Dispatchable Asset Related Demand (DARD), Demand Response Resource (DRR) and Alternative Technology Regulation Resource (ATRR), required to ensure that the facilities noted in (1) above are operated in compliance with the ISO Tariff, ISO Operating Procedures, ISO Manuals and ISO Transmission Operating Guides (TOGs).
3. Coordinate voltage and reactive dispatch of the applicable facilities when normal schedules are unable to be maintained by one or more LCC.
4. Respond to any applicable system disturbance by initiating load management procedures with each applicable LCC, including voltage reduction and load shedding. Coordinate system restoration after widespread loss of load.
5. Develop a list of system restoration key facilities and other system restoration facilities, as defined in Northeast Power Coordinating Council Inc. (NPCC) Directory #8 System Restoration, update the list annually, or as necessary, and inform owners of such facilities of how their facilities have been classified.
6. Provide entities identified in the ISO system restoration plan with a description of the role(s) or specific task(s) to be performed by those

entities, as pertains to system restoration.

LCC RESPONSIBILITIES

1. Monitor the power flow on each transmission facility including each facility operating at voltages below 115 kV and any interconnection point associated with each LCC region.
2. Dispatch voltage and reactive power of each applicable available facility within the LCC as long as normal schedules can be maintained. A MW re-dispatch order to each applicable generating station will be provided by ISO unless conditions or a mutual understanding with the ISO justifies direct LCC contact with the generating station.
3. Dispatch each transmission facility that is radial, and/or operating at or below 345 kV, if assigned that responsibility by its member TO.
4. Direct restoration of each applicable intra-LCC transmission facility in accordance with the appropriate LCC Operating Procedures and ISO Operating Procedures.
5. Lead in communicating to ISO dispatch actions required when MP or TO facilities require operation under a higher level of reliability than would be achieved within normal procedures.
6. Assume other dispatch duties such as switching and tagging as agreements are reached between each LCC and its member MPs or TOs.
7. Direct implementation of load shedding independently or as coordinated by ISO. Direct restoration of shed load as coordinated by ISO.
8. Direct implementation of system restoration as coordinated by ISO.
9. Direct implementation of voltage reduction independently or as coordinated by ISO. Direct restoration of normal voltage schedule as coordinated by ISO.
10. Comply with the ISO's operating instructions¹ unless: (1) compliance with the operating instruction cannot be physically implemented or (2) actions taken to comply with the operating instructions would violate safety, equipment, regulatory or statutory requirements.
 - Inform ISO of its inability to perform an operating instruction issued by ISO.

MP AND TO RESPONSIBILITIES

1. Follow dispatch instructions² from ISO or the LCC in a manner consistent with NX data or limits in effect unless: (1) compliance with the dispatch

¹ The term "operating instruction" as used in ISO Operating Documents is consistent with the NERC definition of "Operating Instruction."

² A dispatch instruction given by verbal means may be referred to in ISO Operating Documents as an operating instruction.

instruction cannot be physically implemented or (2) actions taken to comply with the dispatch instructions would violate safety, equipment, regulatory or statutory requirements.

- Inform ISO or the LCC, as applicable, of its inability to perform a dispatch instruction issued by ISO or the LCC.
- 2. Shall at all times be the sole judge as to whether or **not** and to what extent environmental conditions, equipment conditions and/or safety requires any facility to be operated at less than full capacity or **not** at all.
- 3. Assume responsibility for local transmission facilities to the extent that the responsibility has **not** been transferred to an LCC.
- 4. Assume responsibility for any facility **not** directly assigned to ISO or an LCC.
- 5. Identify and maintain a list of critical components of system restoration key facilities included in the system restoration plan, as defined in NPCC Directory #8, maintain and test these critical components, and report test failure or other outage of these components in accordance with Directory #8.
 - a. Submit requests for scheduled maintenance outages that will result in the loss of functionality of critical components affecting the functionality of key facilities at least 24 hours in advance.

MP RESPONSIBILITIES

1. Take actions, as necessary and as directed by ISO or an LCC, to assist in the system restoration effort, including, but **not** limited to raising or lowering the following: (a) real power output (including startup, shutdown or tripping); (b) reactive power within the limits of the Generator curves; (c) frequency set point; and (d) voltage schedules.
2. Each entity identified in the ISO system restoration plan, as described in Master/Local Control Center Procedure No. 18 - System Restoration Plan (M/LCC 18) and its attachments, that ISO has provided with a description of the role(s) or specific task(s) to be performed by that entity shall:
 - Perform the role(s) or task(s) as assigned
 - Participate in system restoration exercises as requested by ISO
 - For each Designated Blackstart Resource (DBR):
 - Upon loss of offsite power, contact ISO and the applicable LCC for further instruction
 - In the event that ISO and the LCC **cannot** be contacted immediately, begin preparations to blackstart the DBR to ensure that the DBR can be blackstarted within the OP-11 App D declared time from the loss of offsite power
 - The DBR shall **not** be blackstarted without instruction from ISO or

the LCC

- For identified cranked Generators, identify the elements or group of elements necessary to energize the station service of the Generator

TO RESPONSIBILITIES

1. Take actions, as necessary and as directed by ISO or an LCC, to assist in the system restoration effort, including, but **not** limited to: (a) energizing lines, load, generation, and other facilities affecting restoration only as authorized by ISO or an LCC; (b) energizing load in quantities **no** larger than directed by ISO or a LCC to minimize voltage and frequency excursions; and (c) operating reactive equipment as directed by ISO or an LCC
2. Based on criteria set by the Department of Energy (DOE), include defined Defense Critical Electric Infrastructure (DCEI) facilities as top priority in system emergency and system recovery responses.
 - DOE defined DCEI facilities that are included as part of an under frequency load shed scheme (UFLS) will be assigned lowest priority in the load shedding stack and highest priority for recovery actions.

III. SECURITY ANALYSIS

ISO RESPONSIBILITIES

1. Receive each outage application for a transmission facility in accordance with ISO New England Operating Procedure No. 3 - Transmission Outage Scheduling (OP-3). Based on a contingency analysis to verify reliable operation, evaluate, and approve or disapprove each outage application.
2. Receive each outage application in accordance with ISO New England Operating Procedure No. 2 - Maintenance of Communications, Computers, Metering and Computer Support Equipment (OP-2). Based upon projected system conditions, evaluate, and approve or disapprove each outage application.
3. Monitor the power flow on each transmission facility operating at 115 kV and above. Based on contingency analysis, initiate dispatch actions to assure reliable operation.
4. Receive and administer each planned outage and maintenance outage request in accordance with ISO New England Operating Procedure No. 5 - Resource Maintenance and Outage Scheduling (OP-5) and forward each request to the appropriate LCC.

LCC RESPONSIBILITIES

1. Receive each Generator, DARD, DRR, or ATRR outage application from ISO and process in accordance with OP-5.
2. Receive each transmission outage application from an MP or TO in

accordance with OP-3 and based on a contingency analysis to verify reliable operation, evaluate, and approve or disapprove each outage application.

3. Using contingency analysis, review the generator, DARD, and DRR commitment schedule issued by ISO to verify that the reliability standards specified by any LCC Operating Procedure, ISO Operating Procedure, and/or ISO TOG are met.
4. Monitor the power flow on each transmission facility including each facility with voltage below 115 kV and each interconnection point associated with each LCC region and inform ISO of any operating condition that has the potential to reduce reliability of the Bulk Electric System (BES) below the level prescribed by LCC Operating Procedures, ISO Tariff, ISO Operating Procedures, ISO Manuals, and/or ISO TOGs.

IV. ECONOMIC DISPATCH

ISO RESPONSIBILITIES

Continuously monitor the BES loading conditions and determine the most economical allocation of resources available for dispatch considering system frequency, system load, reserve, reliability, and other system-specific requirements.

MP RESPONSIBILITIES

Follow dispatch instructions from ISO in a manner consistent with offer or bid data as applicable.

V. REGULATION

ISO RESPONSIBILITIES

1. Place generators and ATRRs on Regulation to satisfy Regulation requirements prescribed in the ISO Tariff, ISO Manuals, North American Electric Reliability Corporation (NERC) Reliability Standards and NPCC documents. Any generator or ATRR placed on Regulation should be selected to achieve the best economics possible as prescribed in the ISO Tariff and/or ISO Manuals while still maintaining system reliability and control performance.
2. Supply Regulation assignment, which is the economic Desired Dispatch Point (DDP) which, in turn, provides the automatic generation control (AGC) set point to generators under Regulation on the approved data communications network.
3. Supply Regulation assignment to provide the AGC set point to ATRRs under Regulation on the approved data communications network.

VI. RCA/BAA INTERCHANGE AND INADVERTENT

ISO RESPONSIBILITIES

1. Schedule, monitor, and maintain the ISO RCA/BAA Interchange with Hydro-Quebec/TransEnergie, New Brunswick Power System Operator and New York ISO while adhering to NERC, NPCC and ISO operating criteria.
2. Forecast Inter-RCA/BAA transfer capabilities, consistent with scheduling periods, (hourly, weekly, and monthly) to be used as delimiters in the scheduling of inter-RCA/BAA transfers.

VII. EXTERNAL TRANSACTIONS ADMINISTRATION**ISO RESPONSIBILITIES**

Monitor, schedule for delivery, and/or suspend available External Transactions with other RCAs/BAAs and external non-MPs based upon External Transaction availability criteria, the optimization of system economics and/or system reliability constraints and consistent with ISO New England Operating Procedure No. 9 - Scheduling and Dispatch of External Transactions (OP-9).

VIII. PUMPED STORAGE AND LIMITED ENERGY RESOURCE OPERATION**ISO RESPONSIBILITIES**

Monitor Northfield and Bear Swamp (J. Cockwell) facilities to determine MWh availability for those generators/DARDs. Monitor MWh totals for the remaining Limited Energy Resources in accordance with the ISO Tariff and/or ISO Manuals to determine MWh availability for those generators/DARDs.

MP RESPONSIBILITIES

1. Manage and operate each generator/DARD for which the MP holds a license unless otherwise assigned.
2. Each MP is solely responsible for meeting the license and environmental requirements for each generator/DARD they own and operate unless otherwise assigned.
3. Each MP registered as the DE for a generator/DARD is responsible for contacting ISO with Redeclarations.

IX. INTERCONNECTION SCHEDULING**ISO RESPONSIBILITIES**

1. Develop and/or coordinate each interchange schedule for any interchange arrangement between and/or through the ISO BAA and any neighboring BAA. This includes Inter-RCA/BAA (for emergency transactions only), MP

and non- MP interchange arrangements.

2. Incorporate each appropriate scheduled External Transaction into the daily commitment process and communicate to each necessary external party(ies).
3. Maintain a record by External Transaction of interchange activity.

X. MAINTENANCE COORDINATION - GENERATOR, DRR, ATRR

ISO RESPONSIBILITIES

Receive and administer each planned and maintenance outage request in accordance with OP-5 and forward each request to the appropriate LCC.

LCC RESPONSIBILITIES (GENERAL)

Receive and study each maintenance outage request and recommend approval/disapproval to ISO.

MP RESPONSIBILITY

In accordance with OP-5, submit each generator, DRR, or ATRR planned outage and maintenance outage request directly to the designated ISO personnel group.

XI. GENERATOR/DARD/DRR/ATRR TEST AND AUDIT

ISO RESPONSIBILITIES

1. ISO shall initiate and administer each of the following:
 - Claimed Capability Audit
 - Nominated Consumption Limit (NCL) Audit
 - MVAR testing for a Qualified Reactive Resource
 - Bid parameter audit on a MP generator/DARD/DRR/ATRR in accordance with ISO Manuals
2. Give authorization for each MP initiated demonstration.
3. Assure that the appropriate LCC is informed in accordance with ISO procedures whenever an ISO or MP initiated demonstration is scheduled.

XII. OPERATING RESERVE

ISO RESPONSIBILITIES

Maintain a sufficient amount of Operating Reserve in accordance with ISO New England Operating Procedure No. 8 - Operating Reserve and Regulation (OP-8). If available capacity is insufficient to provide adequate Operating Reserve, ISO will implement the various Actions of ISO New England Operating Procedure No. 4 - Action During a Capacity Deficiency (OP-4)

and/or ISO New England Operating Procedure No. 7 - Action in an Emergency (OP-7).

LCC RESPONSIBILITIES

Support ISO in maintaining Operating Reserve by implementing the various Actions of OP-4 and/or OP-7. Each LCC may unilaterally implement these procedures if local conditions warrant their use and time constraints do **not** allow consultation with ISO.

MP RESPONSIBILITIES

Follow dispatch instructions from ISO and the LCC consistent with offer or bid data as applicable.

XIII. SYSTEM LOAD FORECASTING

ISO RESPONSIBILITIES

1. Forecast and update the ISO BAA hourly loads for the purpose of performing Resource adequacy assessments in accordance with the ISO Tariff, and ISO Manuals and Procedures.
2. Forecast and update the anticipated wind power production in order to schedule and operate the system as efficiently as is possible, given reliability and other constraints.

XIV. GENERATOR/DARD AND DRR COMMITMENT

ISO RESPONSIBILITIES

1. Develop commitment/de-commitment schedules for each generator/DARD/DRR available for central dispatch with consideration for system security and reliability constraints as well as any self-schedule of a generator/DARD and any External Transaction in accordance with the ISO Tariff and ISO Manuals and Procedures.
2. Supply the LCC, and a contact point declared by the Lead MP DE for each generator/DARD and Demand Designated Entity (DDE) for each DRR, with the most current commitment/de-commitment schedule. This schedule may be provided verbally or electronically at ISO discretion.
3. Coordinate activities among ISO and the applicable LCC, applicable TO and MP regarding the operation of any MP generator/DARD or DRR.

LCC RESPONSIBILITIES

Recommend changes to commitment or incremental loading of any generator/DARD, or DRR for maintaining area voltage, system stability, and/or meeting thermal transmission requirements. A request for a change to

commitment or incremental loading of any generator/DARD or DRR will normally be made to ISO unless conditions justify immediate communications with the applicable generator/DARD/DRR.

MP DISPATCH/SCADA CENTER RESPONSIBILITIES

Recommend changes to commitment or incremental loading of any generator/DARD/DRR to maintain area voltage and/or to meet thermal transmission requirements. Requests for changes to commitment or incremental loading of any generator/DARD/DRR will normally be made to ISO via the appropriate LCC unless conditions justify immediate communications with the applicable generator/DARD/DRR.

XV. UNIT CONTROL MODES AND OPERATING LIMITS

ISO RESPONSIBILITIES

1. As applicable, maintain the status of the Unit Control Mode (UCM) and/or operating limit(s) for each generator, DARD, DRR, or ATRR under direct ISO control.
2. Maintain operating parameters, such as minimum run time, minimum down time, response rate, etc. as provided by the MP for each generator, DARD, DRR, and ATRR, as applicable.
3. Compile and maintain all necessary information, as required by ISO Settlements, to properly reflect all Redeclarations for each generator, DARD, DRR, and ATRR under direct ISO control.
4. Notify each appropriate LCC whenever ISO identifies a generator, DARD, DRR, or ATRR restriction or limitation that may affect system security. Make the appropriate limits available to the appropriate LCC on the approved data communications network.

LCC RESPONSIBILITIES

1. Incorporate known generator, DARD, or DRR operating restrictions into security analysis.
2. Notify ISO whenever the LCC identifies a generator, DARD, or DRR restriction or limitation that may affect system security.
3. Report all necessary information, as required by the ISO Operations and Settlements departments, to properly reflect all Redeclarations for each generator, DARD, or DRR under the jurisdiction of the LCC.

MP GENERATOR, DARD, AND DRR RESPONSIBILITIES

Each generator, DARD, DRR, or ATRR Lead MP has an obligation to notify ISO directly or through their DE/DDE of their restrictions or limitations and schedule changes in accordance with the ISO Tariff and Manuals.

XVI. ISO BACK-UP FACILITIES

Develop and implement a back-up plan for all functions for which ISO is responsible including all necessary software, hardware and facility requirements.

XVII. COMMUNICATIONS - DATA**ISO RESPONSIBILITIES**

Supply to the data communications network, dispatch data that is needed by the ISO Energy Management System or each LCC, MP or TO Dispatch/SCADA center.

MP, LCC AND TO RESPONSIBILITIES

Provide facilities to collect the Real-Time data required to perform central dispatch and place the data onto the ISO data communications network either directly or indirectly through an intermediary such as an LCC. ISO New England Operating Procedure No. 18 - Metering and Telemetry Criteria (OP-18) contains the specific requirements.

MP GENERATOR, DARD, ATRR DE AND DRR DDE RESPONSIBILITIES

Meet all eligibility requirements for central dispatch in accordance with ISO New England Operating Procedure No.14 - Technical Requirements for Generators, Demand Response Resources, Asset Related Demands and Alternative Technology Regulation Resources (OP-14).

XVIII. COMMUNICATIONS - VOICE**ISO RESPONSIBILITIES**

Provide the necessary voice communications required to issue central dispatch instructions by verbal means (i.e., operating instructions) directly to each Generator/DARD/ATRR DE and DRR DDE. Use three-part communication³ when issuing an operating instruction.

LCC RESPONSIBILITIES

Issue verbal requests to ISO for security related MW re-dispatch of generators, DARDs, DRRs, or ATRRs. Under specific conditions, the appropriate LCC can initiate direct contact with a generator, DARD, DRR or

³ Successful three-part communication involves:

- Issuance of an operating instruction in a clear, concise, and definitive manner.
- Accurate repeat back of the operating instruction (not necessarily verbatim) by the recipient (with enough detail that it can be confirmed that the operating instruction was understood).
- Affirmative acknowledgement and confirmation by the issuer that the repeat back of the operating instruction was correct.

ATTR or act as a liaison of ISO to issue operating instructions. Use three-part communication when issuing or receiving a verbal operating instruction.

MP GENERATOR, DARD, ATTR DE, AND DRR DDE RESPONSIBILITIES

When receiving an operating instruction from ISO or an LCC, repeat the operating instruction and receive confirmation from ISO or LCC that the response was correct. Use three-part communication when receiving a verbal operating instruction.

XIX. DISPATCH COMPUTERS AND PERIPHERAL DISPATCH EQUIPMENT

ISO RESPONSIBILITIES

Schedule and coordinate each planned outage of any ISO, LCC, MP, or TO Dispatch/SCADA operating computer, data communications network, microwave communication channel, and any other equipment that deprives ISO, an LCC, MP or TO operating in the New England RCA/BAA and/or applicable external RCA/BAA of normal operating data, Regulation capability or voice communications. This is further defined in ISO New England Operating Procedure No. 2 - Maintenance of Communications, Computers, Metering, and Computer Support Equipment (OP-2).

XX. NUCLEAR PLANT INTERFACE COORDINATION AND OPERATION

ISO RESPONSIBILITIES

1. Monitor applicable limits, conduct operational analyses, communicate and coordinate information about the transmission system as pertains to a Nuclear Plant Interface Requirement (NPIR), as defined in Master/Local Control Center Procedure No. 1 - Nuclear Plant Transmission Operations (M/LCC 1).
2. Inform the nuclear plant generator operator of any actual or proposed change to electric system design, configuration, operations, limits, protection systems, or capabilities that may impact the ability of the BES to meet an NPIR.
3. Coordinate development and revisions to relevant operating guides, procedures and protocols with the LCC and nuclear power plants
4. Incorporate each NPIR into the applicable training program(s).

LCC RESPONSIBILITIES

1. Monitor applicable limits, conduct operational analyses, communicate and coordinate information about the transmission system as pertains to a NPIR, as defined in M/LCC 1.
2. Inform ISO and the nuclear power plant of any operating condition that has the potential to violate a NPIR.

3. Work with ISO and the applicable nuclear power plant to develop and revise relevant operating guides, procedures and protocols.
4. Incorporate each NPIR into training programs.

MP AND TO RESPONSIBILITIES

1. Each nuclear power plant MP is solely responsible for meeting the licensing and environmental requirements for each facility they own and operate unless otherwise assigned.
2. Each nuclear power plant MP must supply ISO and any applicable LCC or TO with each proposed NPIR applicable to that entity in accordance with M/LCC 1.
3. Each MP or TO that has agreed to a NPIR in accordance with M/LCC 1 shall inform ISO and the applicable LCC of any operating condition that has the potential to violate that NPIR, and shall also supply ISO with facility parameters and limits in accordance with ISO Operating Documents including ISO New England Operating Procedure No. 16 - Transmission System Data (OP-16). Such information is essential to provide accurate models needed by ISO and the applicable LCC to conduct operational analyses.
4. Each nuclear power plant MP and TO that has agreed to a NPIR in accordance with M/LCC 1 shall coordinate each outage and maintenance activity which affects a NPIR with ISO and the applicable LCC.
5. Each nuclear power plant MP and TO that has agreed to a NPIR in accordance with M/LCC 1 shall incorporate each NPIR into their respective training programs.
6. Each nuclear power plant MP and TO that has agreed to a NPIR in accordance with M/LCC 1 shall coordinate on the development and submittal to ISO of the one-line diagram(s) in accordance with OP-16. Such one-line diagram(s) shall include a representation of the configuration of the electrical facilities and components at the interface between the electric system and the nuclear power plant that are essential for meeting any NPIR, and shall also identify and delineate ownership and operational jurisdiction of facilities.
7. Each nuclear power plant MP and TO shall work with ISO and applicable LCC to develop and/or revise relevant operating guides, procedures and protocols.

OP-1, APPENDIX A REVISION HISTORY

Document History (This Document History documents action taken on the equivalent NEPOOL Procedure prior to the RTO Operations Date as well revisions made to the ISO New England Procedure subsequent to the RTO Operations Date.)

Rev. No.	Date	Reason
--	04/12/17	For previous revision history, refer to Rev 10 available through Ask ISO;
Rev 11	05/02/14	As applicable, added responsibilities for Alternative Technology Regulation Resources
Rev 11.1	05/29/15	Periodic review performed requiring no changes;
Rev 12	06/03/16	Section XVII, modified existing sub-section text and added new sub-section;
Rev 13	04/12/17	Biennial review completed by Procedure Owner; References Section, added M-35, OP-11 Att D, and M/LCC 18, corrected titles for M-11, M-RPA, OP-5, and OP-14; Added required corporate document identity to all page footers; Section II, added sub-step for specific DBR responsibilities upon loss of power; Globally, capitalized the first letter in Redeclaration (defined term in Manual M-35); Section XIII, added ISO responsibility for wind forecasting; Truncated the Revision History per SOP-RTMKTS.0210.0010 Section 5.6;
Rev 14	06/01/18	Biennial review completed by Procedure Owner; Globally made editorial changes to update content to be consistent with current conditions, practices and management expectations; Changes for PRD; Deleted LCC Instructions from the References Section; Removed references to DR; Added Demand Response Resources (DRR) where applicable;
Rev 15	04/02/20	Biennial review completed by Procedure Owner; Added TO Responsibility under Transmission Operation section
Rev 15.1	11/02/21	Periodic review performed requiring no intent changes
Rev 15.2	10/25/23	Biennial review completed by Procedure Owner requiring no changes.
Rev 15.3	10/22/25	Biennial review completed by Procedure Owner requiring no changes.