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Owner: ISO Director, Operations Support Services		Approved by: M/LCC Heads Review Due Date: January 26, 2025

## Attachment D - Minimum Advance Notice Times - Outage Requests for Specific Equipment

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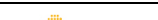
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## 1. INTRODUCTION

This document:


- Is intended to assist the Local Control Center (LCC) Operations staff in the process of submitting transmission outages to Outage Coordination.
- Serves as a quick reference guide for the advance notice timing requirements for submitting transmission outages, as listed in ISO New England Operating Procedure No. 3 - Transmission Outage Scheduling (OP-3).
- Contains Table 1 which addresses equipment with different types of constraints, with the applicable minimum advance notice requirements for each voltage (i.e., 345 kV, 230 kV, 115 kV and 69 kV).

The advance notice requirements in Table 1 may be shorter if the outage meets the applicable requirements and is applied for as an Opportunity Outage in accordance with OP-3.

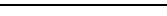
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**Table 1 - Minimum Advance Notice Requirements for Out-of-Service (OOS) Constraint and Non-Reclosing Assurance (NRA)**

Voltage (kV)	Facility Type	Advance Notice			
		120 Hours	Day Ahead by 1000	No Req't	Informational
345, 230	Any OOS piece of equipment considered a Major Transmission Element (MTE)	X			
	NRA				X
	Equipment				
	Line, Transformer (including 230/115 kV), Breaker, Disconnect, Capacitor, Reactor, Phase Angle Regulator (PAR), Inter-Area tie	X			
	Associated SVC / STATCOM / DVR				
	Work is affecting capability or reliability	X			
	Associated HVDC				
	Work is affecting capability or reliability	X			
115	Any OOS piece of equipment considered MTE	X			
	NRA (For RC area tie-lines)				X
	NRA (For non-RC area tie-lines)		X		
	Equipment				
	Interrupts or affects Resource output	X			
	Category A Line (non-radial), Transformer (including 115/69 kV), Breaker, Disconnect, Capacitor, Reactor, Phase Angle Regulator (PAR), Inter-Area tie	X			
	Category B Line, Transformer (all other 115 kV step down), Breaker, Disconnect, Capacitor, Reactor, Phase Angle Regulator (PAR)		X		
	Associated SVC / STATCOM / DVR				
	Work is affecting capability or reliability	X			
	All other work		X		
	Associated HVDC				
	Work is affecting capability or reliability	X			
	All other work		X		
69	Any OOS piece of equipment considered MTE	X			
	Equipment				
	Inter-Area tie	X			
	Line, Transformer, Breaker, Disconnect, Phase Angle Regulator	X			

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Voltage (kV)	Facility Type	Advance Notice			
		120 Hours	Day Ahead by 1000	No Req't	Informational
	(PAR) that interrupts or affects Resource output				
	All Other		X		
	Capacitor, Reactor			X	
	Outage request for a facility, that affects Resource output must be processed using LCC and ISO New England OP-5 scheduling practices	X			

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## 2. Attachment D Revision History

Rev. No.	Date	Reason
Rev 0	12/01/10	Original version, data was formerly in OP 3 Appendix E (retired)
Rev 1	11/26/12	Biennial review by procedure owner; Headers, updated copyright date and other administrative changes; 1 <sup>st</sup> page Footer, deleted disclaimer 2 <sup>nd</sup> paragraph; All Footers, added "Confidential – Do Not Distribute"; 345 Transformers deleted all 3 data rows and placed X in 120 hours advance notice; 345 Relays/Reclosing, added new data row "Increases clearing times for normal criteria faults" and place X in 120 hours column;
Rev 2	11/19/14	Biennial review by procedure owner; Section 1, added language applicable to an Opportunity Outage;
Rev 2.1	09/28/16	Biennial review completed by procedure owner requiring no changes; Added required corporate document identity to all Footers;
Rev 3	08/12/17	Biennial review completed by procedure owner; Modified entire document content to reflect management expectation for equipment notification requirements based on kV, outage type and equipment type to improve OC process (deleted all 4 original tables and replaced with two tables);
Rev 4	02/01/19	Biennial review completed by procedure owner; Deleted Table 2, data related to protection outage request times is now contained in OP-24; Change document Corporate Identity Classification to ISO-NE Public;
Rev 5	11/10/20	Biennial review completed by procedure owner; Minor administrative edits;
Rev 6	09/03/21	Added Non-Reclosing Assurance requirements into Table 1, this was removed from OP-24; Introduction section was updated to reference Outage Coordination vs. Short-Term Added new column to Table 1 for NRA informational outages.
Rev 7	10/04/22	Clarified advanced notice times for 115kV NRA work based on NPCC Area Facilities for Notification list inclusion and non-inclusion; Combined 345kV and 230kV sections.
Rev 8	01/26/23	Changed 115kV NRA notifications to be based on tie-line status vs. NPCC Area Facilities for Notification List.