

## Appendix D - Demand Response Activation Analysis

### Table of Contents

I. Demand Response Activation Analysis Definition	2
OP-5 Appendix D Revision History	2

*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 binders at the ISO.*

## I. Demand Response Activation Analysis

A Demand Response Activation Analysis shall be executed when a Planned Outage request is reviewed and produces a Long Term Operable Capacity Margin (LTOCM) or Locational Operable Capacity Margin (LOCM) that indicates Real-Time Demand Response Resources will be dispatched but does not result in the forecast of the OP-4 Action where a Power Watch is declared.

The activation analysis shall use the same calculations for LTOCM and LOCM as defined in Appendix A except that the forecast load shall be a Daily Peak Load Exposure (DPLE) as defined below to indicate the number of days that the Real-Time Demand Response Resources are forecast to be activated.

1. Weekday non-holiday DPLE is equal to 100% of the 50/50 Weekly PLE.
2. Weekend and weekday holiday DPLE is 88% of the 50/50 Weekly PLE.

The number of days of activation for this outage is summed with previously forecast activation in that month. If the LTOCM or LOCM evaluation shows more than 10 activation days in any month impacted by this outage request, ISO, using its best engineering and operational judgment, may deny the outage request.

Factors that may be considered when reviewing the outage request include, but are not limited to:

- The amount and percentage of Real-Time Demand Response Resources that are required, indicating if the activation would be needed all day or only on-peak
- The forecast number of days of activation compared to the duration of the outage
- Currently approved adjacent outages, indicating the risk that overruns would have on the current results
- Historical trend of forecast activation versus actual activation
- Historical seasonal performance of Real-time Demand Response Resources

### OP-5 Appendix D 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
Rev 0	12/11/09	Original document. Note: OP-5 Appendix D Revision 0 applies to outages occurring on or after 6/1/2010.
Rev 1	02/16/12	Biennial review by procedure owner; Reformatted, added cover page and TOC, font changed to Arial, added 1 <sup>st</sup> page footer Uncontrolled disclaimer and added "Hard Copy is Uncontrolled" to all page footers, replaced page number in footer with Page X of Y format, Section I 1 <sup>st</sup> paragraph, minor editorial changes that include adding a dash between OP and 5, adding "...is reviewed and..." and defining acronyms LTOCM & LOCM