


System Operating Procedures

SOP-RTMKTS.0080.0020

Establish Regulation Resources

Effective Date: January 31, 2011
Revision No. 3

	© ISO New England Inc. 2011	Procedure: Establish Regulation Resources
	Process Name: Manage Regulation	
	Procedure Number: RTMKTS.0080.0020	Revision Number: 3
	Procedure Owner: Mike Potishnak	Effective Date: January 31, 2011
	Approved By: Director, Operations	Valid Through: January 31, 2013

SOP-RTMKTS.0080.0020


Establish Regulation Resources

Contents

1.	Objective	2
2.	Background	2
3.	Responsibilities.....	2
4.	Controls	2
5.	Instructions.....	3
6.	Performance Measures.....	4
7.	References.....	4
8.	Revision History	4
9.	Attachments	4

*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. 2011	Procedure: Establish Regulation Resources
	Process Name: Manage Regulation	
	Procedure Number: RTMKTS.0080.0020	Revision Number: 3
	Procedure Owner: Mike Potishnak	Effective Date: January 31, 2011
	Approved By: Director, Operations	Valid Through: January 31, 2013

1. Objective

The intent of this procedure is to define the process for establishing Generators to provide Regulation.

2. Background


ISO New England (ISO) is required to maintain a portion of the Synchronized Capability on Regulation in accordance with ISO New England Manual for Market Operations, Manual M-11 (Manual 11). Some Generators within the ISO market are able to provide Regulation. These Generators must meet certain requirements and testing to be able to participate in the Regulation market.

3. Responsibilities

The Principal Engineer, Operations is responsible for the coordination between ISO and Market Participants in establishing Generators as Regulation Providers.


4. Controls

None

	© ISO New England Inc. 2011	Procedure: Establish Regulation Resources
	Process Name: Manage Regulation	
	Procedure Number: RTMKTS.0080.0020	Revision Number: 3
	Procedure Owner: Mike Potishnak	Effective Date: January 31, 2011
	Approved By: Director, Operations	Valid Through: January 31, 2013

5. Instructions

1. The Principal Engineer, Operations shall consult with the Generators preparing to enter the Regulation market and ensure that the Generator has completed the following:
 - Generator has met the requirements of Manual 11
 - Generator has met the requirements of
 - ISO New England Operating Procedure 18 - Metering and Telemetry (OP-18)
 - ISO New England Operating Procedure 14 - Technical Requirements for Generators, Demand Resources and Asset Related Demands (OP-14)
 - Generator has arranged with ISO to receive setpoint signals from SCADA
 - Generator has passed a minimum response test which verifies that the Generator responds properly to a small change in simulated AGC setpoint values manually inserted by ISO
2. Ensure the Generator sends in NX-12 data.
3. Ensure the Regulation e-Market bidding interface is setup for the Generator.
4. Inform the Operations Shift Supervisor that a Generator has become available for Regulation.
5. The Principal Engineer, Operations or designee shall perform regulation testing shortly after regulation is provided for the first few times, to verify regulation capacity and response rate specified by the Market Participant.

	© ISO New England Inc. 2011	Procedure: Establish Regulation Resources
	Process Name: Manage Regulation	
	Procedure Number: RTMKTS.0080.0020	Revision Number: 3
	Procedure Owner: Mike Potishnak	Effective Date: January 31, 2011
	Approved By: Director, Operations	Valid Through: January 31, 2013

6. Performance Measures

None

7. References

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

ISO New England Operating Procedure No 14 - Technical Requirements for Generators, Demand Resources and Asset Related Demands (OP-14)

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

8. Revision History

Rev. No.	Date	Reason	Contact
0	09/30/05	Original	Mike Potishnak
1	10/01/06	Changes for ASM Phase II	Mike Potishniak
2	03/17/09	Periodic review performed, revised for current responsibilities and procedures in use	Mike Potishniak
3	01/31/11	Biennial review by procedure owner; Updated Header copyright date and replaced Footer page numbers with Page X of Y format; Defined acronym "ISO"; Globally replaced "Operations Principal Engineer" with "Principal Engineer, Operations"; Step 5. Corrected Manual 11 title and defined acronym; NOTE prior to step 5.6 used Manual 11 acronym; Section 7 Provide correct title for Market Rule 1 and deleted OP-8, RTMKTS.0180.0057	Mike Potishniak

9. Attachments

None