

Effective Date	See Summary of the Changes
Impacted Manual #(s)/Manual Title(s):	
Manual 11: Energy & Ancillary Services Market Operations	
Conforming Order(s):	
Docket No. RM15-24; Oder No. 825	
Associated Issue Tracking Title:	Shortage Pricing Operating Reserve Demand Curve (ORDC) – Order 825
Committee Approval Path - What committee(s) have already seen these changes?	
MIC	
MRC 1st read date:	January 26, 2017
MRC voting date:	February 23, 2017
Impacted Manual sections:	
Section 2.3.2 and 2.3.3	
Section 2.5 Section 2.7	
Section 2.9 and 2.9.1	
Section 4.2.1	
Section 4.2.2; 4.2.2.1 and 4.2.9	
Section 4b.1; 4b.2.2 and 4b.2.3	
Section 6.2	
Reason for change:	
Conforming changes and ministerial clean-up	
Order 825 Compliance Filing 205 Filing to include a permanent second step in the demand curve	
Summary of the changes:	



## Conforming changes and ministerial clean-up

Changes are effective immediately

- Section 4.2.2; 4b.1 and 6.2 Providing one location on where to find the Primary Reserve and Synchronized Requirements (Manual 13, Section 2.2)
- Section 4.2.2 provided updated explanation of what resources and the associated MWs are used for "double spin"; removed on peak / off peak requirement differentiation during "double spin"
- Section 4b.2.3 added clarity that the NSRMW should not go negative

## **Changes associated with Order 825 Compliance Filing**

Changes are effective with FERC approval of corresponding filing (February 1, 2018 implementation date will be requested (aligned with 5 minute settlements implementation date))

- Section 2.3.2 and 2.3.3 added clarity to which step in the demand curve is used
- Section 2.5 removed wording describing the demand curve and penalty factors and reworded within Manual 11, Section 4.2
- Section 2.9 and 2.9.1 removed IT SCED from determining shortage
- Section 4.2.2, 4.2.2.1, 4.2.9 and Section 4b.2.2 incorporated language from Section 2.5 and clarified how the demand curves, penalties factors and requirements are structured. Section 4.2.2.1 is a new section defining the shape of the demand curve.

Changes associated with the 205 Filing to include a permanent second step in the demand curve Changes are effective with FERC approval of corresponding filing. (February 1, 2018 implementation date will be requested)

• Section 4.2.2.1 - Inclusion of the additional permanent 190 MWs associated with Step 2