



Effective Date	6.1.2022
Impacted Manual #(s)/Manual Title(s):	
Manual 11: Energy & Ancillary Services Market Operations Manual 12: Balancing Operations Manual 28: Operating Agreement Accounting	
Conforming Order(s): Docket No. ER21-1802-000	
ER22-1200-000 Tariff Revision Concerning Intelligent Reserve Deployment	
Associated Issue Tracking Title:	Synchronized Reserve Event Actions and Expectations
Committee Approval Path - What committee(s) have already seen these changes?	
SOS First Read: 4.7.2022 (M12) MIC First Read: 4.13.2022 (M11 & M28) MIC Endorsement: 5.11.2022 (M11 & M28) OC First Read: 4.14.2022 (M12) OC Endorsement: 5.12.2022 (M12) MRC First Read: 4.27.2022 (All) MRC Endorsement:5.25.2022 (All)	
MRC 1st read date:	4.27.2022
MRC voting date:	5.25.2022
Impacted Manual sections:	
Reason for change:	
Changes to support the filed changes at FERC (pending approval) associated with Intelligent Reserve Deployment	
Summary of the changes:	
M-11: <ul style="list-style-type: none"> • 2.7 <ul style="list-style-type: none"> ○ Added new language that an approved IRD case supersedes any other approved RT SCED cases for the same target time to be used as the reference case for LPC • 4.2.6 <ul style="list-style-type: none"> ○ Added clarifying language that resources committed for Tier 2 MWs are obligated to follow dispatch instructions in response to a Synchronized Reserve Event • 4.2.10 <ul style="list-style-type: none"> ○ Removed language to credit Tier 1 resources for overresponse to a Synchronized Reserve Event • 4.2.11 <ul style="list-style-type: none"> ○ Added clarifying language that the response to a Synchronized Reserve Event is based on the resource following dispatch instructions and is capped at the expected response 	

- 4.2.12
 - Added clarifying language that Tier 2 non-performance penalties apply to resources that do not respond with the lesser of their assigned amount or PJM calculated expected response

M12:

- 4.1.2
 - Added new language for Intelligent Reserve Deployment (IRD) and distinguished automated versus manual methods for loading reserves to recover ACE

M-28:

- 6.1
 - Fixed a reference typo from M11, 4.2.11 to M11, 4.2.10
- 6.2.1
 - Added clarification language to acknowledge that Manual 11 determines the response MW value used in settlements
- 6.3.3
 - Distinguished how the Shortfall MW are calculated for Demand Resources (aggregation allowed) and Generators (aggregation not allowed)