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?	

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:
- 4.2.6
  - 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
  - Removed language to credit Tier 1 resources for overresponse to a Synchronized Reserve Event
- 4.2.11
  - 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

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

M-28:
- 6.1
  - o Fixed a reference typo from M11, 4.2.11 to M11, 4.2.10
- 6.2.1
  - o Added clarification language to acknowledge that Manual 11 determines the response MW value used in settlements
- 6.3.3
  - o Distinguished how the Shortfall MW are calculated for Demand Resources (aggregation allowed) and Generators (aggregation not allowed)