

<b>Effective Date</b>	6.1.2022
<b>Impacted Manual #(s)/Manual Title(s):</b>	
Manual 11: Energy & Ancillary Services Market Operations Manual 12: Balancing Operations Manual 28: Operating Agreement Accounting	
<b>Conforming Order(s):</b> Docket No. ER21-1802-000	
ER22-1200-000 Tariff Revision Concerning Intelligent Reserve Deployment	
<b>Associated Issue Tracking Title:</b>	Synchronized Reserve Event Actions and Expectations
<b>Committee Approval Path - What committee(s) have already seen these changes?</b>	
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)	
<b>MRC 1<sup>st</sup> read date:</b>	4.27.2022
<b>MRC voting date:</b>	5.25.2022
<b>Impacted Manual sections:</b>	
<b>Reason for change:</b>	
Changes to support the filed changes at FERC (pending approval) associated with Intelligent Reserve Deployment	
<b>Summary of the changes:</b>	
<b>M-11:</b> <ul style="list-style-type: none"> <li>• 2.7 <ul style="list-style-type: none"> <li>○ 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</li> </ul> </li> <li>• 4.2.6 <ul style="list-style-type: none"> <li>○ Added clarifying language that resources committed for Tier 2 MWs are obligated to follow dispatch instructions in response to a Synchronized Reserve Event</li> </ul> </li> <li>• 4.2.10 <ul style="list-style-type: none"> <li>○ Removed language to credit Tier 1 resources for overresponse to a Synchronized Reserve Event</li> </ul> </li> <li>• 4.2.11</li> </ul>	

- 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)