

<b>Effective Date</b>	9.21-2023
<b>Impacted Manual #(s)/Manual Title(s):</b>	
Manual 28: Operating Agreement Accounting	
<b>Conforming Order(s):</b> Periodic Review	
<b>Associated Issue Tracking Title:</b>	N/A
<b>Committee Approval Path - What committee(s) have already seen these changes?</b>	
MIC First Read: 8.9.2023	MIC Endorsement: 9.6.2023
MRC First Read: 8.24.2023	MRC Endorsement: 9.20.2023
<b>MRC 1<sup>st</sup> read date:</b>	8.24.2023
<b>MRC voting date:</b>	9.20.2023
<b>Impacted Manual sections:</b>	
All	
<b>Reason for change:</b>	
All - Periodic Biennial Review Section 4 (Regulation): Conforming changes for regulation mileage per order EL21-83-000	
<b>Summary of the changes:</b>	
<ul style="list-style-type: none"> <li>• Grammar, Punctuation, Typos, Syntax Consistency, Reference Updates</li> <li>• Addition of clarifying words and phrases</li> <li>• Removal of terminated business rules</li> <li>• Deletion of duplicate material</li> <li>• Clarification of business rules for Direct Charging Energy (hybrids and ESRs)</li> <li>• Section 3 (Spot Market): Consistent use of fully metered EDC, day-ahead, and balancing terminology</li> <li>• Section 4 (Regulation): Conforming changes for regulation mileage per order EL21-83-000</li> <li>• Section 5 (Operating Reserves): <ul style="list-style-type: none"> <li>○ Replaced UDS basepoint MW with dispatch signal MW</li> <li>○ Replaced UDS LMP desired MW with Dispatch Imp desired MW</li> <li>○ Corrected Balancing Operating Reserve Target calculation</li> <li>○ Including Nuclear unit eligibility description in Section 5.2.1</li> <li>○ Updated submittal process for condense to generation costs (Submitted via Markets Gateway, not manually submitted)</li> <li>○ Reformatted balancing energy market value for easier understanding</li> <li>○ Removed references to Demand Resources, calculations are covered in Section 11.</li> <li>○ Added references to Secondary Reserves</li> <li>○ Added up-to congestion transactions to DA Op Reserves charge denominator</li> <li>○ Added Section 5.3.2.3A, Calculation of Ramp Limited Desired MW consistent with M11 (will be removed from M11 at a later date).</li> <li>○ Reworded Section 5.3.5 Reactive Services</li> </ul> </li> <li>• Section 6 (Synchronized Reserves): Clarifications to shortfall MW and charge calculations (e.g. shortfall MW if multiple events during a day and corrected billing line item)</li> <li>• Sections 6, 7, and 19 (SR, NSR, and SecR): Added obligation calculation details if RT assignments are zero.</li> <li>• Section 8 and 9 (Transmission Congestion &amp; Losses): Added explicit charge details for up-to congestion transactions.</li> <li>• Section 9.4 (Transmission Loss Credits): Replaced specific non-firm export reduction factor percentage with calculation description</li> </ul>	

- Section 11 (Load Response): Replaced description of LM testing allocation ratio with formula
- Section 15 (Market Revenue Neutrality Offset): Corrected cost component of LOC Credit Due to Reduction for Non-Synchronized Reserve
- Section 16 (FTR Auction): Updated to reflect changes allowing self-scheduling by class type
- Section 16 (FTR Auction) and 17 (ARR Settlements): Clarified inclusion of long-term FTR auctions
- Section 17 (ARR Settlement): Added ARR allocation business rule for Direct Charging Energy
- Section 22 (Open-loop Hybrid & Energy Storage): Corrected placement of following dispatch within 10% business rule.
- Section 23: Fuel Cost Policy Penalty Settlements: New section describing settlements methodology consistent with Operating Agreement Schedule 2