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| <b>Effective Date</b>  | 12/21/2023         |
| <b>Impacted Manual #(s)/Manual Title(s):</b>   |                    |
| Manual 12: Balancing Operations<br>Manual 13: Emergency Operations<br>Manual 14D: Generator Operational Requirements   |                    |
| <b>Conforming Order(s):</b>  |                    |
| None. Part of Renewable Dispatch Approved Package  |                    |
| <b>Associated Issue Tracking Title:</b>  | Renewable Dispatch |
| <b>Committee Approval Path - What committee(s) have already seen these changes?</b>  |                    |
| First Read: 9/28/23 System Operations Subcommittee<br>First Read: 10/5/23 Operating Committee<br>Info Only: 10/20/23 Reliability Standards & Compliance Subcommittee<br>Endorsement: 10/27/23 System Operations Subcommittee<br>Endorsement: 11/2/23 Operating Committee |                    |
| <b>MRC 1<sup>st</sup> read date:</b>   | 11/15/2023         |
| <b>MRC voting date:</b>  | 12/20/2023         |
| <b>Impacted Manual sections:</b>   |                    |
| <u><b>MANUAL 12</b></u><br>Sect 3.1.2<br>Att B<br>Att F<br><u><b>Manual 13</b></u><br>Sect 2.4.2<br>Sect 2.4.4<br><u><b>Manual 14D</b></u><br>Sect 4.2.2<br>Sect 8.1<br>Sect 12<br>Att L<br>Att M  |                    |
| <b>Reason for change:</b>  |                    |
| Renewable Dispatch Initiative  |                    |
| <b>Summary of the changes:</b>   |                    |

**MANUAL 12**

3.1.2 PJM Control Implementation

Added language to show inclusion of solar resources

Attachment B: Transmission Constraint Control Guidelines

Added language to show inclusion of solar resources

B.2 Note 3

Revised language to clarify definition of an Intermittent Resource's Economic Minimum

Attachment F: Dynamic Transfers

Added language to show inclusion of solar resources

**MANUAL 13**

2.4.2 Minimum Generation Alert

PJM Member Actions Note 3

Revised language to clarify definition of an Intermittent Resource's Economic Minimum

2.4.4 Minimum Generation Emergency Declaration

Updated to include solar resources

**Manual 14D**

4.2.2 Metering Plan

Added missing information for Wind Farms

8.1 EMS Data Exchange

Remove reference to the "curtailment indicator"

12 Solar Park Requirements

Added reference to updated Attachment L and M

12.2.2 Real Time Output

Added reference to Attachment M

Attachment L: Jointly Owned Resource Communication Model

Updated to include solar resources

Removed reference to the "curtailment indicator"

Added reference to respond to SCED basepoint

Attachment M: Wind and Solar Unit Dispatchability

Changed title and added details to include solar resources

Removed references to curtailment flag

Section 2 Updated guidance for updating parameter limits for wind and solar