## Stranded Load Scheduling - Public Attachment

### Procedure No. - 3530
**Version - 3.3**
**Effective - 4/01/2023**

### Distribution Restriction:
- None

### Scenario Name
- Blythe Load #1, APS Vicinity
- Blythe Load #2, SCE Vicinity
- Plumas-Sierra Vicinity Load
- Cascade Vicinity Load #4
- Cascade Vicinity Load #1
- Silver Peak Load #1

### Description
- **Community**:
  - APS
  - CASO
  - NVE
  - INYO
  - NCPA
- **Scenario Name**:
  - Blythe Load #1, APS Vicinity
  - Blythe Load #2, SCE Vicinity
  - Plumas-Sierra Vicinity Load
  - Cascade Vicinity Load #4
  - Cascade Vicinity Load #1
  - Silver Peak Load #1

### Energy Scheduling
- **California ISO (CAISO)**
- **Public Attachment**: Stranded Load Scheduling - Public Attachment

### Procedure Details
- **Tagging & Scheduling**
  - Must be accompanied by a dynamic wheel through MEAD230.

### Scenario Specifics
- **Scenario 1**: Blythe Load #1, APS Vicinity
  - **Component**: UTHER_B6/UTHER_ITC
  - **Status**: Available
  - **Type**: APS
  - **Action**: Schedule estimated Blythe load as an import to MEAD230 if Blythe is available. Local Blythe loads continue to be served radially, via a wheel by APS through WALC to the Blythe 230 interconnection.

- **Scenario 2**: Blythe Load #2, SCE Vicinity
  - **Component**: UTHER_B6/UTHER_ITC
  - **Status**: Available
  - **Type**: SCE
  - **Action**: Schedule estimated Blythe load as an import from WALC, by an export at the Mead 230 interconnection. Local Blythe loads continue to be served radially, via a wheel by SCE through an export at the Mead 230 interconnection.

- **Scenario 3**: Plumas-Sierra Vicinity Load
  - **Component**: CASO
  - **Status**: Available
  - **Type**: CASO
  - **Action**: Determined by operating conditions.

- **Scenario 4**: Cascade Vicinity Load #4
  - **Component**: PACW
  - **Status**: Available
  - **Type**: PACW
  - **Action**: When a transmission outage occurs that strands PACW load from the CASO. PACW schedules estimated Cascade loads as a wheel-through the BPA Intertie APS loads continue to be served radially, via a wheel by APS through WALC to the Blythe 230 interconnection.

- **Scenario 5**: Cascade Vicinity Load #1
  - **Component**: PACW
  - **Status**: Available
  - **Type**: PACW
  - **Action**: When a transmission outage occurs that strands PACW Cascade load in the CASO. PACW schedules estimated Cascade loads as an export out of Cascade to BPA Intertie APS loads continue to be served radially, via a wheel by APS through WALC to the Mead 230 interconnection.

- **Scenario 6**: Silver Peak Load #1
  - **Component**: NVE
  - **Status**: Available
  - **Type**: NVE
  - **Action**: Determined by operating conditions.

### Additional Notes
- **Silver Peak Vicinity Load**: When the Silver Peak vicinity loads are stranded the OTC is taken to zero-load. Get the Intertie remains in service safely to serve this stranded NVE load.

### Procedure Specifics
- **NVE Vicinity**: NVE Load
  - **Component**: NVE
  - **Status**: Available
  - **Type**: NVE
  - **Action**: Determined by operating conditions.

### CAISO Notes
- When a transmission outage occurs that strands PACW load from the CASO. PACW schedules estimated Cascade loads as a wheel-through the BPA Intertie APS loads continue to be served radially, via a wheel by APS through WALC to the Blythe 230 interconnection.

### SCE Notes
- When a transmission outage occurs that strands PACW load from the CASO. PACW schedules estimated Cascade loads as an export out of Cascade to BPA Intertie APS loads continue to be served radially, via a wheel by APS through WALC to the Mead 230 interconnection.

### APS Notes
- When a transmission outage occurs that strands PACW load from the CASO. PACW schedules estimated Cascade loads as a wheel-through the BPA Intertie APS loads continue to be served radially, via a wheel by APS through WALC to the Blythe 230 interconnection.

### CASO Notes
- When a transmission outage occurs that strands PACW load from the CASO. PACW schedules estimated Cascade loads as a wheel-through the BPA Intertie APS loads continue to be served radially, via a wheel by APS through WALC to the Blythe 230 interconnection.

### NVE Notes
- When a transmission outage occurs that strands PACW load from the CASO. PACW schedules estimated Cascade loads as an export out of Cascade to BPA Intertie APS loads continue to be served radially, via a wheel by APS through WALC to the Mead 230 interconnection.

### Procedure Version
- **Version - 3.3**
- **Effective - 4/01/2023**
- **Procedure No. - 3530**

### Distribution Restriction
- **None**

### Energy Scheduling
- **California ISO (CAISO)**
- **Public Attachment**: Stranded Load Scheduling - Public Attachment

### Procedure Specifics
- **NVE Vicinity**: NVE Load
  - **Component**: NVE
  - **Status**: Available
  - **Type**: NVE
  - **Action**: Determined by operating conditions.

### Additional Notes
- **Silver Peak Vicinity Load**: When the Silver Peak vicinity loads are stranded the OTC is taken to zero-load. Get the Intertie remains in service safely to serve this stranded NVE load.
### Stranded Load Scheduling - Public Attachment

<table>
<thead>
<tr>
<th>Scenario Name</th>
<th>Entity Experiencing</th>
<th>Native BA</th>
<th>Adjacent BA(s)</th>
<th>OASIS Transmission Outage</th>
<th>ETCC Change</th>
<th>Tagging &amp; Scheduling</th>
<th>Responsibility</th>
<th>Scheduling Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver Peak Load #2</td>
<td>SCE</td>
<td>CAISO, NVE</td>
<td>SILVERPK_BG / SILVERPK_ITC</td>
<td>Determined by operating conditions</td>
<td>SCE</td>
<td>When the SCE Silver Peak vicinity load is stranded the OTC is taken to zero, yet the transmission remains in service to serve this stranded SCE Load</td>
<td>SCE</td>
<td>Imported resource #2 and</td>
</tr>
<tr>
<td>Summit Load #1</td>
<td>TEP/PU, UAMPS</td>
<td>NVE</td>
<td>CAISO</td>
<td>SUMMIT_BG / SUMMIT_ITC</td>
<td>Determined by operating conditions</td>
<td>UAMPS*</td>
<td>When the Truckee-Panola Line is stranded and the capacity from NVE is the sum of the 2 lines</td>
<td>SUMMIT120</td>
</tr>
<tr>
<td>Summit Load #2</td>
<td>PG&amp;E</td>
<td>NVE</td>
<td>N/A</td>
<td>Determined by operating conditions</td>
<td>PG&amp;E</td>
<td>When the PG&amp;E Summit vicinity load is stranded then the CAISO Energy to the Crane Grove, Tesoro, and Summit lines from NVE, and then back into the CAISO at the Summit Interconnect</td>
<td>SUMMIT120</td>
<td>SUMMIT120</td>
</tr>
<tr>
<td>VEA Load #1</td>
<td>VEA</td>
<td>CAISO</td>
<td>XALE, NVE</td>
<td>XAECHF_BG &amp; XAE_FTC</td>
<td>Determined by operating conditions</td>
<td>VBOB</td>
<td>VEA load can be served through various lines with NVE, but must be accompanied by a dynamic wheel through XAECHF</td>
<td>VBOB</td>
</tr>
<tr>
<td>VEA Mitigation for no UVLS</td>
<td>VEA and DOE</td>
<td>CAISO</td>
<td>XALE, NVE</td>
<td>XAECHF_BG &amp; XAE_FTC</td>
<td>Determined by operating conditions</td>
<td>VBOB</td>
<td>Load must be served through NVE with a dynamic wheel at MEAD230, through NVE to other resources. The additional load pocket will be served with a dynamic wheel through XALE to NONC and XALECHF.</td>
<td>VBOB</td>
</tr>
</tbody>
</table>
## Version History

<table>
<thead>
<tr>
<th>Version</th>
<th>Change Description</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>Corrected MWD pump load scenario import ID to SCE1_BLYTHE161_E_F_030303</td>
<td>8/17/2017</td>
</tr>
<tr>
<td>2.0</td>
<td>Updates for Silver Peak Load #1 and #1 rows: corrected ETCC limits to: &quot;Determined by operating conditions.&quot;; corrected the import and export ties to accurately reflect what direction and where the energy would need to be tagged; updated the Scheduling Description with the scenario when Nevada purchases energy from SCE, and clarified the two rows' titles. Added new row &quot;NVE load&quot; for the VEA area that was taken from section 3.7 and will be removed from OP 7910. Edited last row with extra resource IDs to list them as valid stranded load resource IDs but not part of the 7910 VEA procedure. Also, removing the, &quot;section 13&quot; reference, as that was from the OP 3530 procedure before the Excel spreadsheets were in existence. NVE Load OASIS Transmission Outage changed from VEA-ITC (MERCURY138) to: VEA_ITC/MERCURY_ITC/NWEST_ITC.</td>
<td>11/19/2018</td>
</tr>
<tr>
<td>2.1</td>
<td>Added new row, INYO. Updated DOE - Tracy Load ETCC Change to 105 MW.</td>
<td>4/16/2019</td>
</tr>
<tr>
<td>2.2</td>
<td>Updated Scheduling Description for VEA Load.</td>
<td>12/7/2019</td>
</tr>
<tr>
<td>2.3</td>
<td>Added VEA Load #2 scenario for VEA stranded load for loss of Sloan Canyon-Eldorado 230kV line and renamed scenarios to reflect the addition. Updated OASIS Transmission Outage, Column E to correctly match 3530H for VEA Load #1 scenario. Clarified Scheduling Description, Column K info for all four Cascade scenarios and VEA Load #1 scenario. Minor clarification to the scheduling description column.</td>
<td>1/31/2020</td>
</tr>
</tbody>
</table>
Cascade Scenario #1: ISO should supply energy to PACW when serving PGAE load, therefore, the Scheduling Description changed to remove the import to ISO part of the description, and removed CRAG resource IDs from the Valid Stranded Load IDs column. Import Tie: added Energy should stay in PACW to serve PGAE load. The ETCC limits were changed to 0/0, as in this scenario Cascade is out of service.

Cascade Scenario #2: In the ETCC Change column, replaced "PACW does have TOR import rights at MALIN, right now they have 40 MW. The MW amount can change quarterly" with "Determined by operating conditions" because the TOR information is not relevant information and the Cascade limit could be full or derated. Import Tie: added Energy should stay in PACW to serve PGAE load. Removed the CRAG Import and MALIN500 Export resource IDs, as they are not needed for this scenario. Removed BPA from Adjacent BA(s) since it is not necessary to schedule through BPA for load #2. Updates to Sandy Load #1 & #2 and VEA load #1. Removed VEA load #2. Added VEA Mitigation for no UVLS.

3.0 Periodic Review: Minor format changes only. 12/4/2020

3.1 Added VBOB_MEAD230_I_F_OPEN per VEA request in IMS 247562. Minor updates to the description of the DOE-Tracy load. Updated from ISO to CAISO throughout. 3/10/2022

3.2 Updated to include new stranded load IDs for WAPA:
- WDOE_LLL115_E_WHL_COB-T3
- WDOE_CTW230_I_WHL_MHBRLL
- WDOE_CTW230_I_WHL_MLBRLL
- WDOE_TESLA230_I_WHL_MHBRLL
- WDOE_TESLA230_I_WHL_MLBRLL
- WDOE_TRCYPGAE_I_WHL_MHBRLL
- WDOE_TRCYPGAE_I_WHL_MLBRLL 6/1/2022

3.3 Updated to include new intertie resources for priority wheel and stranded load requested by WASN per CIDI 259372. Updated remaining instances of ISO to CAISO. Removed history prior to five years. 4/1/2023