



Procedure No. - 3530I
Version - 3.5
Effective - 7/30/2024

Stranded Load Scheduling - Public Attachment

Distribution Restriction:
None

Scenario Name	Entity Experiencing Stranded Load (ESE)	Native BA	Adjacent BA(s)	OASIS Transmission Outage	ETCC Change	Tagging & Scheduling Responsibility	Scheduling Description	Export Tie	Import Tie	Valid Stranded Resource IDs
Blythe Load #1, APS Vicinity	APS	WALC	CAISO	BLYTHE_BG / BLYTHE_ITC	55/0	APS	Schedule estimated Blythe Loads as an import to Mead230/Blythe161 Intertie. Local Blythe Intertie APS Loads continue to be served radially, via a Wheel by APS through WALC to the Mead 230 Interconnection.	MEAD230	BLYTHE161	
Blythe Load #2, SCE Vicinity	SCE	WALC	CAISO	BLYTHE_BG / BLYTHE_ITC	55/0	SCE	If the Blythe Solar Unit is unavailable, schedule estimated Blythe Loads as an import from WALC, by an export at the Mead 230 Intertie. Local Blythe Intertie APS Loads continue to be served radially, via a Wheel by SCE through an export at the WALC Mead 230 Interconnection.	MEAD230	BLYTHE161	SCE1_BLYTHE161_I_F_030303 SCE1_MEAD230_E_F_030303 SCE1_MEAD230_E_F_040404
Cascade Vicinity Load #1	PGAE	CAISO	BPA, PACW	CASCADE_BG / CASCADE_ITC	0/0	PGAE	When a transmission outage occurs that strands PGAE load from the CAISO Balancing Area. PGAE schedules estimated Cascade loads as a wheel-through the BPA Balancing Area and sinks in the PACW Balancing Area, as an export from CAISO to BPA at MALIN500 Intertie to an import from BPA to PACW.	MALIN500	Energy should be scheduled to PACW to serve PGAE load.	PCG2_MALIN500_E_F_XXXX11 PGAE procures transmission to wheel through BPA to sink in PACW
Cascade Vicinity Load #2	PGAE	CAISO	PACW	CASCADE_BG/CASCADE_ITC is in service.	Determined by operating conditions.	PGAE	When a transmission outage occurs that strands PGAE load from the CAISO Balancing Area. PGAE schedules estimated Cascade loads as an export out of Cascade to PACW at CRAG Intertie.	CRAG	Energy should be scheduled to PACW to serve PGAE load.	PCG2_CRAG_E_F_XXXX51 PGAE procures transmission from PPW to sink in PACW
Cascade Vicinity Load #3	PACW	PACW	CAISO	CASCADE_BG / CASCADE_ITC	45 MW S/N and 0 MW N/S Note: The north to south OTC "0" MW limitation precludes use of the Cascade Intertie by other Market Participants to Schedule imports to NP15, in recognition that the path is out of service within PACW.	PACW	When a transmission outage occurs that strands PACW Cascade load in the CAISO Balancing Authority.	CRAG	MALIN500	PAC1_CRAG_E_WHL_DA01 PAC1_MALIN500_I_WHL_DA01 PAC1_CRAG_E_F_DA01 PAC1_CRAG_E_F_HA01
Cascade Vicinity Load #4	PACW	PACW	CAISO	CASCADE_BG/CASCADE_ITC is in service.	Determined by operating conditions.	PACW	When a transmission outage occurs that strands PACW Cascade load in the CAISO Balancing Authority.	CRAG	MALIN500	PAC1_CRAG_E_WHL_DA01 PAC1_MALIN500_I_WHL_DA01 PAC1_CRAG_E_F_DA01 PAC1_CRAG_E_F_HA01
DOE - Tracy Load	WASN	BANC	CAISO	LLNL_BG / LLNL_ITC	105 MW at LLL115	WASN	The BANC/WASN energy wheeling through the CAISO must be re-routed to flow out of the CAISO and then back into BANC/WASN.	LLL115	TRCYPGAE or TRCYCOTP	WDOE_CTW230_I_F_BR WDOE_LLL115_E_WHL_PWRX WDOE_TRCYPGAE_I_WHL_LLNL WDOE_LLL115_E_WHL_LLNL WDOE_LLL115_E_WHL_COB-T1 WDOE_LLL115_E_F_LLNL WDOE_LLL115_E_WHL_COB-T2 WDOE_LLL115_E_WHL_PY2LLL WDOE_TRCYCOTP_I_WHL_LLNL WDOE_CTW230_I_WHL_BR WDOE_CTW230_I_WHL_LLNL WDOE_CTW230_I_WHL_PY2LLL WDOE_MALIN500_I_WHL_LLNL WDOE_TESLA230_I_WHL_LLNL WDOE_TESLA230_I_WHL_PY2LLL WDOE_TRCYPGAE_I_WHL_PY2LLL WDOE_LLL115_E_WHL_COB-T3 WDOE_CTW230_I_WHL_MHBRLL WDOE_CTW230_I_WHL_MLBRL WDOE_TESLA230_I_WHL_MHBRLL WDOE_TESLA230_I_WHL_MLBRL WDOE_TRCYPGAE_I_WHL_MHBRLL WDOE_TRCYPGAE_I_WHL_MLBRL WDOE_LLL115_E_WHL_LLNLBR WDOE_LLL115_E_WHL_LLNLCP WDOE_LLL115_E_WHL_LLBACP WDOE_TRCYPGAE_I_WHL_LLNLBR WDOE_TESLA230_I_WHL_LLNLBR WDOE_CTW230_I_WHL_LLNLBR WDOE_TRCYCOTP_I_WHL_LLNLCP WDOE_TESLA230_I_WHL_LLNLCP WDOE_CTW230_I_WHL_LLNLCP WDOE_TRCYPGAE_I_WHL_LLBACP WDOE_LLL115_E_F_LLNLRT
MWD Pump Load	MWD	CAISO	WALC	MEAD_ITC	-155/0 MW In the ATC/ETC set the TOR equal to OTC when MWD pump Load is isolated from the CAISO.	AEPCO	For outages, create an import(s) at PARKER230 using one of the resource IDs shown under the Valid Stranded Resource IDs column. When MWD pump Load is isolated from the CAISO and is served from the WALC balancing authority area via the Parker-Gen 230 kV Interconnection, interchange schedules that were being delivered to MEAD230 should be redirected to PARKER230. Also, such changes should be reflected in the physical path of the updated E-Tag(s).	N/A	PARKER230	AMWD_PARKER230_I_F_PARKER AMWD_PARKER230_I_F_OPEN AMWD_PARKER230_I_F_HOOVER
NVE Load	NVE	NVE	CAISO	VEA_ITC/MERCURY_ITC/NWEST_ITC	0/load amount & 0/0	NVE	When any of the outages take place and because they are all radial NVE Load can be served through a wheel	MERCURY138	NWEST	NVPM_MERCURY138_E_F_DA001 NVPM_NWEST_I_F_DA001
INYO	LDWP	CAISO	LDWP	INYO_BG	0/0	N/A	N/A	N/A	N/A	N/A
Plumas-Sierra Vicinity Load	Plumas Sierra Rural Electric Cooperative (REC) Load	CAISO	NVE	MARBLE_BG / MARBLE_ITC	Increase Marble to -26/0* * Full limit only applies if NVE does not impose additional derate on east-to-west transfers. Marble tie scheduling limit must be no higher than the derated limits imposed by NVE. Reference OP-7240.	NCPA	When the Plumas-Sierra Load is isolated from the CAISO the NVE from within the CAISO must be re-routed to flow out of the CAISO, through the NVE Balancing Authority Area, and then back in to the CAISO to Plumas-Sierra.	SUMMIT120	MARBLE60	NCPA_SUMMIT120_E_F_0001 NCPA_MARBLE60_I_F_TO01 NCPA_MARBLE60_I_F_TO02 NCPA_MARBLE60_I_F_TO03



Procedure No. - 3530I
Version - 3.5
Effective - 7/30/2024

Stranded Load Scheduling - Public Attachment

Distribution Restriction:
None

Scenario Name	Entity Experiencing Stranded Load (LE)	Native BA	Adjacent BA(s)	OASIS Transmission Outage	ETCC Change	Tagging & Scheduling Responsibility	Scheduling Description	Export Tie	Import Tie	Valid Stranded Resource IDs
Sandy Load #1	VEA	CAISO	NVE	AMARGO_ITC	Determined by operating conditions.	VEA	Must be accompanied by a dynamic wheel through MEAD230.	MEAD230	MEAD230 and AMARGOSA230	CISO_MEAD230_E_F_VEA CISO_MEAD230_I_F_VEA and VBOB_AMARGOSA230_I_F_OPEN
Sandy Load #2	VEA	CAISO	NVE	AMARGO_ITC	Determined by operating conditions.	VEA	Must be accompanied by a dynamic wheel through MEAD230.	MEAD230	MEAD230 and AMARGOSA230	CISO_MEAD230_E_F_VEA CISO_MEAD230_I_F_VEA and VBOB_AMARGOSA230_I_F_OPEN
Silver Peak Load #1 NVE Vicinity	NVE	NVE	CAISO	SILVERPK_BG / SILVERPK_ITC	Determined by operating conditions.	NVE	When the NVE Silver Peak vicinity Load is stranded the OTC is taken to zero-17/0, yet the Intertie remains in service solely to serve this stranded NVE Load.	SILVERPEAK55	SUMMIT120	SPPC_SUMMIT120_I_F_SUIMF1 SPPC_SUMMIT120_E_F_SUXXF1 SPPC_SILVERPEAK55_E_F_SPEXF1
Silver Peak Load #2 SCE Vicinity	SCE	CAISO	NVE	SILVERPK_BG / SILVERPK_ITC	Determined by operating conditions.	SCE	When the SCE Silver Peak vicinity Load is stranded the OTC is taken to zero-17-0, yet the Intertie remains in service solely to serve this stranded SCE Load.	SUMMIT120	SILVERPEAK55	SCE1_SILVERPEAK55_I_F_010101 SCE1_SUMMIT120_E_F_040404
Summit Load #1	TDPUD/ UAMPS	NVE	CAISO	SUMMIT_BG / SUMMIT_ITC	Determined by operating conditions.	UAMPS*	When the Truckee/Donner PUD Load is stranded and fed radially from NVE on the Summit-Spaulding 60 kV line.	SUMMIT120	SUMMIT120	MSCG_SUMMIT120_E_F_IMS1SL
Summit Load #2	PGAE	CAISO	NVE	N/A	Determined by operating conditions.	PGAE	When the PGAE Summit vicinity Load is stranded then the CAISO Energy to Cisco Grove, Tamarack, and Summit flows through NVE, and then back into the CAISO at the Summit Intertie.	SUMMIT120	SUMMIT120	PCG2_SUMMIT120_E_F_XXXX11 PCG2_SUMMIT120_I_F_XXXX11 PCG2_SUMMIT120_E_F_XXXX51 PCG2_SUMMIT120_I_F_XXXX51
VEA Load #1	VEA	CAISO	WALC, NVE	MEADVEA_BG & VEA_ITC	0/0 & Determined by operating conditions	VBOB	VEA load can be served through various ties with NVE, but must be accompanied by a dynamic wheel through MEAD230.	MEAD230	MEAD230 and AMARGOSA230 or MERCURY138 or NWEWEST	CISO_MEAD230_E_F_VEA CISO_MEAD230_I_F_VEA VBOB_AMARGOSA230_I_F_OPEN VBOB_MERCURY138_I_F_OPEN VBOB_NWEST_I_F_OPEN VBOB_MEAD230_I_F_OPEN
VEA Mitigation for no UVLS	VEA and DOE	CAISO	WALC, NVE	MEADVEA_BG & VEA_ITC	Determined by operating conditions.	VBOB	Load must be served through NVE with a dynamic wheel at MEAD230 though WALC into ARMAGOSA230. The additional load pocket will be served with a wheel through NWEWEST into MERCURY138.	MEAD230 AND NWEWEST	MEAD230 AND AMARGOSA230 and MERCURY138	CISO_MEAD230_E_F_VEA CISO_MEAD230_I_F_VEA VBOB_AMARGOSA230_I_F_OPEN VBOB_NWEST_E_F_OPEN VBOB_MERCURY138_I_F_OPEN VBOB_MEAD230_I_F_OPEN

Version History

Version	Change Description	Date
2.1	Added new row, INYO. Updated DOE - Tracy Load ETCC Change to 105 MW.	4/16/2019
2.2	Updated Scheduling Description for VEA Load.	12/7/2019
2.3	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.	1/31/2020
2.4	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.	4/21/2020
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_MHBRL WDOE_CTW230_I_WHL_MLBRL WDOE_TESLA230_I_WHL_MHBRL WDOE_TESLA230_I_WHL_MLBRL WDOE_TRCYPGAE_I_WHL_MHBRL WDOE_TRCYPGAE_I_WHL_MLBRL	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
3.4	Periodic Review: No changes.	1/18/2024
3.5	Added RES_ID "WDOE_LLL115_E_F_LLNLRT" to DOE-Tracy Load scenario. Removed history prior to five years.	7/30/2024