 <b>California ISO</b>	<b>Operating Procedure Attachment</b>	<b>Procedure No.</b>	4410D
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<b>Emergency Assistance Resource IDs</b>		<b>Distribution Restriction: None</b>	

The following assists in determining pre-assigned Interchange market Resource IDs for use in conjunction with CAISO Operating Procedure [4410 Emergency Assistance](#), in the event that emergency assistance (Energy or Capacity) is requested from, or provided to, adjacent BAs.

These emergency assistance Resource IDs associated with the respective BA's SC have been placed in the Master File.

The tie points that have been selected for emergency assistance have been determined as a result of prior emergency events.

The corresponding CAISO E-Tag should include the following in the Misc. Info. Field of the Physical Path.

Token	Value		
<b>CAISO_CONTRACT</b>	NONE		
<b>CAISO_PRODUCT</b>	ENGY		
<b>CAISO_RES_ID</b>	Use a Resource ID from the corresponding SC_ID below:		
	<b>BAs</b>	<b>SC_ID</b>	<b>RES_ID</b>
	Arizona Public Service Company (AZPS)	APS4	APS4_DELANEY500_E_F_EMERG
		APS4	APS4_DELANEY500_I_F_EMERG
		APS4	APS4_NRTHGILA500_E_F_EMERG
		APS4	APS4_NRTHGILA500_I_F_EMERG
		APS4	APS4_PVWEST_E_F_EMERG
		APS4	APS4_PVWEST_I_F_EMERG
		APS4	APS4_WILLOWBEACH_E_F_EMERG
		APS4	APS4_WILLOWBEACH_I_F_EMERG
	Avista Corp. (AVA) (Non-Adjacent BA)	AVWP	AVWP_MALIN500_E_F_EMERG
		AVWP	AVWP_MALIN500_I_F_EMERG
		AVWP	AVWP_NOB_E_F_EMERG
		AVWP	AVWP_NOB_I_F_EMERG
	Balancing Authority of Northern California (BANC)	MID1	MID1_TESLA230_I_F_EMERG
		MID1	MID1_WESTLYTSLA_E_F_EMERG
		RDG1	RDG1_CTW230_E_F_EMERG
		RDG1	RDG1_CTW230_I_F_EMERG
		RSVL	RSVL_TRCYPGAE_I_F_EMERG
		RSVL	RSVL_CTW230_I_F_EMERG
		SMUD	SMUD_LAKE_E_F_EMERG
		SMUD	SMUD_LAKE_I_F_EMERG
		SMUD	SMUD_RANCHOSECO_E_F_EMERG



**Emergency Assistance Resource IDs**

**Distribution Restriction: None**


Token	Value		
<b>CAISO_RES_ID</b>  <i>Continued</i>	<b>BAs</b>	<b>SC_ID</b>	<b>RES_ID</b>
	(BANC)  <i>Continued</i>	SMUD	SMUD_RANCHOSECO_I_F_EMERG
		SMUD	SMUD_TRCYPGAE_E_F_EMERG
		SMUD	SMUD_TRCYPGAE_I_F_EMERG
		WSNR	WSNR_CTW230_E_F_EMERG
		WSNR	WSNR_TESLA230_E_F_EMERG
		WSNR	WSNR_TRCYPGAE_E_F_EMERG
		WSNR	WSNR_CTW230_I_F_EMERG
		WSNR	WSNR_TESLA230_I_F_EMERG
		WSNR	WSNR_TRCYPGAE_I_F_EMERG
	Bonneville Power Administration Transmission (BPAT)	BPA1	BPA1_MALIN500_E_F_EMERG
		BPA1	BPA1_MALIN500_I_F_EMERG
		BPA1	BPA1_NOB_I_F_EMERG
		BPA1	BPA1_NOB_E_F_EMERG
	Centro Nacional de Control de Energia (CEN)	CNAC	CNAC_CFEROA_E_F_EMERG
		CNAC	CNAC_CFEROA_I_F_EMERG
		CNAC	CNAC_CFETIJ_E_F_EMERG
		CNAC	CNAC_CFETIJ_I_F_EMERG
	Imperial Irrigation District (IID)	IIDE	IIDE_IVLY2_E_F_EMERG
		IIDE	IIDE_IVLY2_I_F_EMERG
		IIDE	IIDE_MIR2_E_F_EMERG
		IIDE	IIDE_MIR2_I_F_EMERG
		IIDE	IIDE_PVWEST_I_WHL_EMERG
		IIDE	IIDE_PVWEST_E_WHL_EMERG
		IIDE	IIDE_MIR2_I_WHL_EMERG
		IIDE	IIDE_MIR2_E_WHL_EMERG
		IIDE	IIDE_MEAD230_I_WHL_EMERG
		IIDE	IIDE_MEAD230_E_WHL_EMERG
	Los Angeles Department of Water and Power (LDWP)	LDWP	LDWP_ELDORADO500_E_F_EMERG
		LDWP	LDWP_ELDORADO500_I_F_EMERG
		LDWP	LDWP_LUGO_E_F_EMERG
		LDWP	LDWP_LUGO_I_F_EMERG
		LDWP	LDWP_SYLMAR_E_F_EMERG



Emergency Assistance Resource IDs

Distribution Restriction: None

Token	Value		
<b>CAISO_RES_ID</b>  <i>Continued</i>	<b>BAs</b>	<b>SC_ID</b>	<b>RES_ID</b>
	(LDWP)	LDWP	LDWP_SYLMAR_I_F_EMERG
	<i>Continued</i>	SCE1	SCE1_LUGO_E_F_EMERG
		SCE1	SCE1_LUGO_I_F_EMERG
	Nevada Power Company (NEVP)*	NVPM	NVPM_NWEST_I_F_EMERG
		NVPM	NVPM_NWEST_E_F_EMERG
		NVPM	NVPM_AMARGOSA230_I_F_EMERG
		NVPM	NVPM_AMARGOSA230_E_F_EMERG
		NVPM	NVPM_MERCURY138_E_F_EMERG
		NVPM	NVPM_MERCURY138_I_F_EMERG
		NVPM	NVPM_MEAD230_E_F_EMERG
		NVPM	NVPM_MEAD230_I_F_EMERG
		NVPM	NVPM_ELDORADO230_E_F_EMERG
		NVPM	NVPM_ELDORADO230_I_F_EMERG
		NVPM	NVPM_HA500_E_F_EMERG
		NVPM	NVPM_HA500_I_F_EMERG
		NVPM	NVPM_MOHAVE500_E_F_EMERG
		NVPM	NVPM_MOHAVE500_I_F_EMERG
		SPPC	SPPC_SILVERPEAK55_E_F_EMERG
		SPPC	SPPC_SILVERPEAK55_I_F_EMERG
		SPPC	SPPC_SUMMIT120_E_F_EMERG
		SPPC	SPPC_SUMMIT120_I_F_EMERG
	PacifiCorp (PACW)	PAC1	PAC1_MALIN500_E_F_EMERG
		PAC1	PAC1_MALIN500_I_F_EMERG
		PAC1	PAC1_MDWP_E_F_EMERG
		PAC1	PAC1_MDWP_I_F_EMERG
		PAC1	PAC1_MEAD230_E_F_EMERG
		PAC1	PAC1_MEAD230_I_F_EMERG
	Puget Sound Energy (PSE) (non-adjacent BA)	PSE1	PSE1_MALIN500_I_F_EMERG
		PSE1	PSE1_MALIN500_E_F_EMERG
		PSE1	PSE1_NOB_I_F_EMERG
		PSE1	PSE1_NOB_E_F_EMERG
	Salt River Project (SRP)	SRP1	SRP1_PVWEST_E_F_EMERG
		SRP1	SRP1_PVWEST_I_F_EMERG
	Turlock Irrigation District (TIDC)	TIDS	TIDS_WESTLYFINK_E_F_EMERG
		TIDS	TIDS_WESTLYFINK_I_F_EMERG
		TIDS	TIDS_WESTLYTSLA_E_F_EMERG
		TIDS	TIDS_WESTLYTSLA_I_F_EMERG

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Token	Value		
<b>CAISO_RES_ID</b> <i>Continued</i>	<b>BAs</b>	<b>SC_ID</b>	<b>RES_ID</b>
	(TIDC)	TIDS	TIDS_TRCYCOTP_E_F_EMERG
	<i>Continued</i>	TIDS	TIDS_TRCYCOTP_I_F_EMERG
	Western Area Colorado Missouri (WACM) (non-adjacent BA)	WCRS	WCRS_MEAD230_I_F_EMERG
		WCRS	WCRS_PARKER230_I_F_EMERG
		WCRS	WCRS_PVWEST_I_F_EMERG
	Western Area Lower Colorado (WALC)	DSNV	DSNV_MEAD230_I_F_EMERG
		DSWM	DSWM_MEAD230_E_F_EMERG
		DSWM	DSWM_MEAD230_I_F_EMERG
		DSWM	DSWM_PARKER230_E_F_EMERG
		DSWM	DSWM_PARKER230_I_F_EMERG

**\*Note:** In all other references the CAISO refers to Nevada Power Company as NVE. The references here are from the NAESB EIR.


### Operationally Affected Parties

Shared with the Public.

### Version History

Version	Change	Date
3.4	Added a new BA section, AVA, with the following emergency resource IDs. Avista Corp is a non-adjacent BA. AVWP_MALIN500_I_F_EMERG AVWP_MALIN500_E_F_EMERG AVWP_NOB_I_F_EMERG AVWP_NOB_E_F_EMERG Added Operationally Affected Parties and document control footer.	2/05/19
3.5	The BA, CEN, changed their SC ID from CEN1 to CNAC – updated CEN's SC_ID column and RES_ID column, for effective date Thursday, 11/14/2019.	11/14/19
3.6	Added HA500 RESID's for Harry Allen 500 kV.	8/12/20
4.0	Periodic Review: Minor formatting changes only – no content changes.	9/25/20

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<b>Version</b>	<b>Change</b>	<b>Date</b>
4.1	Created Emergency Assistance Wheel Resource ID for IID per CIDI Ticket 00231030. Updated instances of ISO to CAISO and minor formatting.	3/18/21
4.2	Added emergency assistance resources for BANC per RDT request. The Balancing Authority of Northern California (BANC) is submitting a request to add new Intertie Resource IDs for emergency assistance between BANC and CAISO. Removed history prior to five years.	8/20/21
4.3	Added Emergency assistance resource for Roseville per BANC's request.	9/17/21
4.4	Added SCID RDG1 (City of Redding) under BANC.	11/04/21
4.5	Periodic Review: Updated to include emergency IDs for Puget Sound Energy. Removed history prior to five years.	7/20/23
4.6	Added DELANEY500 resources for AZPS and removed history prior to five years.	6/12/24
4.7	Updated from WESTLYQNT0 to WESTLYFINK for TIDC.	7/01/24