



# California ISO

## Wheeling Access Charges

The following tables contain Wheeling Access Charges at the scheduling points. The Wheeling Access Charge is applicable for Wheeling on the ISO Controlled Grid. No Wheeling Access Charge is applied if a Scheduling Coordinator uses only Existing Transmission Capacity.

High Voltage (HV) Wheeling Access Charges are assessed for wheeling from transmission facilities with voltage rating of 200 kV or higher. Wheeling from transmission facilities with a voltage rating of less than 200 kV will result in Low Voltage (LV) Wheeling Access Charges in addition to the HV Wheeling access charge.

Table 1: Scheduling Points “Owned” by More than One Participating TO: *The applicable Wheeling Access Charge is shown for each month to reflect that the amount of Converted Rights associated with these Scheduling Points may change monthly.*

Table 2: Scheduling Points “Owned” by a Single Participating TO.

Table 3: SCE Take-Out Points Interconnecting Non PTOs Within the ISO Control Area to the ISO Controlled Grid.

Table 4: PG&E Take-Out Points Interconnecting Non PTOs Within the ISO Control Area to the ISO Controlled Grid.

**Weighted Average Wheeling Rates (\$/MWh) for "Multi PTO-Owned"  
Scheduling Points**

**Table 1:**

**Rates Effective January 1, 2020**

		Voltage (kV)	1-Jan-20
	MRTU Tnames effective April 1 2009		
Palo Verde	PVWEST	500	12.4903
NOB	NOB	500	12.4903
MEAD230S	MEAD230	230	12.4903
Victorville	LUGO	500	12.4903
WSTWGMEAD	WESTWING500	500	12.4903
MKTPCADLN	MARKETPLACE	500	12.4903
IPPDCADLN	IPP	500	12.4903
MONAIPPDC	MDWP	500	12.4903
GONDIPPDC	GONIPP	500	12.4903
MEADMKTPC	MEAD5MSCHD	500	12.4903
MEADTMEAD	MEAD2MSCHD	500	12.4903
MCCLMKTPC	MCCULLOUG500	500	12.4903

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2020

**Table 2: Wheeling Access Charge for “Single PTO-Owned” Scheduling Points  
Rates Effective January 1, 2020**

PTO	MRTU Tnames effective April 1 2009	Voltage Level  (kV)	Voltage Designati on	HV Wheeling Access Rate  (\$/MWh)	LV Wheeling Access Rate  (\$/MWh)			
SCE	DEVERS230	230	HV	12.4903	---			
	ELDORADO500	500						
	WILLOWBEACH	500						
	MIR2	230						
	MOHAVE500	500						
	ELDORADO230	230						
	PARKER230	230						
	SYLMAR	230						
	BLYTHE161	161	LV	12.4903	0.3221			
	INYO	115						
MOHAVE69	69							
SILVERPEAK55	55							
PG&E	CTW230	230	HV	12.4903	---			
	RDM230	230						
	LAKE	230						
	MALIN500	500						
	NML230	230						
	RANCHOSECO	230						
	TRCYCOTP	500						
	TRCYPGAE	500						
	TESLA230	230						
	WESTLYLBNS	230						
	WESTLYTSLA	230						
	CRAG	115				LV	12.4903	14.1067
	LLL115	115						
	MARBLE60	60						
	OAKDALE	115						
STANDIFORD	115							
SUMMIT120	115							
SDG&E	CFEROA	230	HV	12.4903	---			
	IVLY2	230						
	CFETIJ	230						
	NRTHGILA500	500						
GRIDLIANCE	NWEST	230	HV	12.4903	---			
VEA	AMARGO	138	LV	12.4903	6.2635			
	MERCURY138	138						

**Table 3: Wheeling Access Charge for SCE Take Out Points Interconnecting Non-PTOs Within ISO Control Area to the ISO Controlled Grid**

**Rates Effective January 1, 2020**

PTO	HV Wheeling Access Rate (\$/MWh)	LV Wheeling Access Rate (\$/MWh)
SCE	12.4903	0.3221

PTO	Interconnection with Non PTO	Load Resource ID	Take Out Point Within CAISO Grid	Voltage Level Designation	Effective Start Date	Effective End Date	SCID	
SCE	City of Moreno	DLAP_SCE_SEES_HV	Valley (500 kV) Frederick	HV	10/1/2011		SEES	
			Valley (500 kV) Globe	HV	10/1/2011		SEES	
			Valley (500 kV) Graham	HV	10/1/2011		SEES	
			Valley (500 kV) Indian	HV	10/1/2011		SEES	
			Valley (500 kV) Iris	HV	10/1/2011		SEES	
			Valley (500 kV) Moreno Beach	HV	10/1/2011		SEES	
	City of Industry	DLAP_SCE_SEES_HV	Walnut (230 kV) Anaheim Puente	HV	10/1/2011		SEES	
			Walnut (230 kV) Old Ranch Rd	HV	10/1/2011		SEES	
			Walnut (230 kV) Waddington	HV	10/1/2011		SEES	
	City of Victorville	DLAP_SCE_SEES_LV	Foxborough	LV	10/1/2011		SEES	
			SCLA 33kV Sub	LV	10/1/2011		SEES	
	California Department of Water Resources	DLAP_SCE_CDWR			HV	10/1/2011		CDWR
			CLAP_EDMONS_CDWR		HV	10/1/2011		CDWR
			CLAP_PEARBL_CDWR		HV	10/1/2011		CDWR
			CLAP_OSO_CDWR		LV	10/1/2011		CDWR
	City of Corona	DLAP_SCE_COR1	Mira Loma (230 kV)		HV	10/1/2011		COR1
				DLAP_SCE_COR2		HV	10/1/2011	
	Rancho Cucamonga	DLAP_SCE_RCMU	Etiwanda (230 kV)		HV	10/1/2011		RCMU
	SoCal Water	DLAP_SCE_APXG_HV	Vista (230 kV)		HV	10/1/2011		APXG
		DLAP_SCE_APXG_LV	Victor (115 kV)		LV	10/1/2011		APXG

Table 4: Wheeling Access Charge for PG&E Take Out Points Interconnecting Non-PTOs Within ISO Control Area to the ISO Controlled Grid

**Rates Effective January 1, 2020**

PTO	HV Wheeling Access Rate (\$/MWh)	LV Wheeling Access Rate (\$/MWh)
PG&E	12.4903	14.1067

PTO	Interconnection with Non PTO	Load Resource ID	Take Out Point Within CAISO Grid	Voltage Level Designation	Effective Start Date	Effective End Date	SCID	
PG&E	California Department of Water Resources	CLAP_HYTTHM_CDWR		HV	10/1/2011		CDWR	
		DLAP_PGAE_CDWR04		LV	10/1/2011		CDWR	
		DLAP_PGAE_CDWR05		LV	10/1/2011		CDWR	
		CLAP_CDWR07_CDWR		HV	10/1/2011		CDWR	
		CLAP_DOSMGO_CDWR		HV	10/1/2011		CDWR	
		SLUIS_2_UNITS		HV	10/1/2011		CDWR	
		DLAP_PGAE_SOBAY		HV	10/1/2011		CDWR	
		CLAP_BANKPP_CDWR		HV	10/1/2011		CDWR	
	Northern CA Power Agency	MLAP_NCPA_NCPA_HVNET			HV	10/1/2011		NCPA
		MLAP_NCPA_NCPA_LVNET			LV	10/1/2011		NCPA
	City and County of San Francisco	DLAP_PGAE_CCSF			LV	10/1/2011		CCSF
	City of Santa Clara	MLAP_NCPA_NCPA_SVPNET			HV	10/1/2011		NCPA
		MLAP_NCPA_NCPA_LVNET			LV	10/1/2011		NCPA
	Department of Energy (DOE) Laboratories	DLAP_PGAE_WDOE_HV	Stanford Liner Accelerator Center (SLAC), Monta Vista Substation (230 kV)		HV	10/1/2011		WDOE
			SLAC, Menlo Substation (60 kV)		LV	10/1/2011		WDOE
		DLAP_PGAE_WDOE	Lawrence Berkeley Laboratory (LBL), Sobrante Substation (115 kV)		LV	10/1/2011		WDOE
			Site 300, TeslaSubstation (115 kV)		LV	10/1/2011		WDOE
	Lassen Municipal Utility	DLAP_PGAE_WFLS			LV	10/1/2011	WFLS	
	Western Area Power Administration	DLAP_PGAE_WFLS_HV		Travis Wherry/Cal Med Fac	HV	10/1/2011		WFLS
		DLAP_PGAE_WNAS		Ames Research Center NASA (115 kV)	LV	10/1/2011		WNAS
		DLAP_PGAE_WPUL		Arbuckle Substation, Arbuckle (60 kV)	LV	10/1/2011		WPUL
	Hercules Municipal Utility	DLAP_PGAE_SEES_LV	Franklin substation in Hercules (60 kV) Apollo at Zephyr		LV	10/1/2011		SEES
			Franklin substation in Hercules (60 kV) Creekside Home Depot		LV	10/1/2011		SEES
			Franklin substation in Hercules (60 kV) WWPT Pinole		LV	10/1/2011		SEES
	Lathrop Irrigation District	DLAP_PGAE_UDC_LID			LV	7/29/2016	SEES	
	Port of Stockton	DLAP_PGAE_UDC_PSTN		Rough and Ready Island substation in Stockton (60 kV)	LV	10/1/2011		PSTN
	Power & Water Resources Pooling Authority	DLAP_PGAE_PWPA	Vasona Substation, Los Gatos (230 kV)		HV	10/1/2011		PWPA
			Arvin Substation, Arvin (70 kV)		LV	10/1/2011		PWPA