



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
Rates Effective January 01, 2019**

Table 1:

		Voltage (kV)	Jan 01, 2019
	MRTU Tnames effective April 1 2009		
Palo Verde	PVWEST	500	11.2478
NOB	NOB	500	11.2478
MEAD230S	MEAD230	230	11.2478
Victorville	LUGO	500	11.2478
WSTWGMEAD	WESTWING500	500	11.2478
MKTPCADLN	MARKETPLACE	500	11.2478
IPPDCADLN	IPP	500	11.2478
MONAIPPDC	MDWP	500	11.2478
GONDIPPDC	GONIPP	500	11.2478
MEADMKTPC	MEAD5MSCHD	500	11.2478
MEADTMEAD	MEAD2MSCHD	500	11.2478
MCCLMKTPC	MCCULLOUG500	500	11.2478

Eff
January
01, 2019

**Table 2: Wheeling Access Charge for “Single PTO-Owned” Scheduling Points
Rates Effective January 01, 2019**

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	11.2478	---
	ELDORADO500	500			
	WILLOWBEACH	500			
	MIR2	230			
	MOHAVE500	500			
	ELDORADO230	230			
	PARKER230	230			
	SYLMAR	230			
	BLYTHE161	161	LV	11.2478	0.3515
	INYO	115			
MOHAVE69	69				
SILVERPEAK55	55				
PG&E	CTW230	230	HV	11.2478	---
	RDM230	230			
	LAKE	230			
	MALIN500	500			
	NML230	230			
	RANCHOSECO	230			
	TRCYPOTP	500			
	TRCYPGAE	500			
	TESLA230	230			
	WESTLYLBNS	230			
	WESTLYTSLA	230			
	CRAG	115			
	LLL115	115			
	MARBLE60	60			
	OAKDALE	115			
STANDIFORD	115				
SUMMIT120	115				
SDG&E	CFEROA	230	HV	11.2478	---
	IVLY2	230			
	CFETIJ	230			
	NRTHGILA500	500			
GRIDLIANCE	NWEST	230	HV	11.2478	---
VEA	AMARGO	138	LV	11.2478	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 01, 2019

PTO	HV Wheeling Access Rate (\$/MWh)	LV Wheeling Access Rate (\$/MWh)
SCE	11.2478	0.3515

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		COR2
	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 01, 2019

PTO	HV Wheeling Access Rate (\$/MWh)	LV Wheeling Access Rate (\$/MWh)
PG&E	11.2478	9.5795

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