



# 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, 2017**

		Voltage (kV)	Jan 1, 2017
	MRTU Tnames effective April 1 2009		
Palo Verde	PVWEST	500	10.5481
NOB	NOB	500	10.5481
MEAD230S	MEAD230	230	10.5481
Victorville	LUGO	500	10.5481
WSTWGMEAD	WESTWING500	500	10.5481
MKTPCADLN	MARKETPLACE	500	10.5481
IPPDCADLN	IPP	500	10.5481
MONAIPPDC	MDWP	500	10.5481
GONDIPPDC	GONIPP	500	10.5481
MEADMKTPC	MEAD5MSCHD	500	10.5481
MEADTMEAD	MEAD2MSCHD	500	10.5481
MCCLMKTPC	MCCULLOUG500	500	10.5481

Eff Jan 1,  
2017

Table 2: Wheeling Access Charge for "Single PTO-Owned" Scheduling Points  
**Rates Effective January 1, 2017**

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	10.5481	---			
	ELDORADO500	500						
	WILLOWBEACH	500						
	MIR2	230						
	MOHAVE500	500						
	ELDORADO230	230						
	PARKER230	230						
	SYLMAR	230						
	BLYTHE161	161	LV	10.5481	0.3911			
	INYO	115						
MOHAVE69	69							
SILVERPEAK55	55							
PG&E	CTW230	230	HV	10.5481	---			
	RDM230	230						
	LAKE	230						
	MALIN500	500						
	NML230	230						
	RANCHOSECO	230						
	TRCYCOTP	500						
	TRCYPGAE	500						
	TESLA230	230						
	WESTLYLBNS	230						
	WESTLYTSLA	230						
	CRAG	115				LV	10.5481	7.1414
	LLL115	115						
	MARBLE60	60						
	OAKDALE	115						
STANDIFORD	115							
SUMMIT120	115							
SDG&E	CFEROA	230	HV	10.5481	---			
	IVLY2	230						
	CFETIJ	230						
	NRTHGILA500	500						
VEA	NWEST	230	HV	10.5481	---			
	AMARGO	138				LV	10.5481	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, 2017**

PTO	HV Wheeling Access Rate (\$/MWh)	LV Wheeling Access Rate (\$/MWh)
SCE	10.5481	0.3911

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 1, 2017**

PTO	HV Wheeling Access Rate (\$/MWh)	LV Wheeling Access Rate (\$/MWh)
PG&E	10.5481	7.1414

0.391066838

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
	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