



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 September 23, 2019

| | | Voltage (kV) | Sep 23, 2019 |
|-------------|------------------------------------|--------------|--------------|
| | MRTU Tnames effective April 1 2009 | | |
| Palo Verde | PVWEST | 500 | 12.3443 |
| NOB | NOB | 500 | 12.3443 |
| MEAD230S | MEAD230 | 230 | 12.3443 |
| Victorville | LUGO | 500 | 12.3443 |
| WSTWGMEAD | WESTWING500 | 500 | 12.3443 |
| MKTPCADLN | MARKETPLACE | 500 | 12.3443 |
| IPPDCADLN | IPP | 500 | 12.3443 |
| MONAIPPDC | MDWP | 500 | 12.3443 |
| GONDIPPDC | GONIPP | 500 | 12.3443 |
| MEADMKTPC | MEAD5MSCHD | 500 | 12.3443 |
| MEADTMEAD | MEAD2MSCHD | 500 | 12.3443 |
| MCCLMKTPC | MCCULLOUG500 | 500 | 12.3443 |

Eff Sep
23, 2019

**Table 2: Wheeling Access Charge for “Single PTO-Owned” Scheduling Points
Rates Effective September 23, 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 | 12.3443 | --- |
| | ELDORADO500 | 500 | | | |
| | WILLOWBEACH | 500 | | | |
| | MIR2 | 230 | | | |
| | MOHAVE500 | 500 | | | |
| | ELDORADO230 | 230 | | | |
| | PARKER230 | 230 | | | |
| | SYLMAR | 230 | | | |
| | BLYTHE161 | 161 | LV | 12.3443 | 0.3515 |
| | INYO | 115 | | | |
| MOHAVE69 | 69 | | | | |
| SILVERPEAK55 | 55 | | | | |
| PG&E | CTW230 | 230 | HV | 12.3443 | --- |
| | 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 | 12.3443 | --- |
| | IVLY2 | 230 | | | |
| | CFETIJ | 230 | | | |
| | NRTHGILA500 | 500 | | | |
| GRIDLIANCE | NWEST | 230 | HV | 12.3443 | --- |
| VEA | AMARGO | 138 | LV | 12.3443 | 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 September 23, 2019

| PTO | HV Wheeling Access Rate (\$/MWh) | LV Wheeling Access Rate (\$/MWh) |
|-----|----------------------------------|----------------------------------|
| SCE | 12.3443 | 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 September 23, 2019

| PTO | HV Wheeling Access Rate (\$/MWh) | LV Wheeling Access Rate (\$/MWh) |
|------|----------------------------------|----------------------------------|
| PG&E | 12.3443 | 11.4487 |

| 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 |