



Finance Division
GMC and Other Rates for 2004-2022

Effective 1/1/22
Updated 12/17/21



2022 GMC Rates and Other Fees

Charge Code	Charge / Fee Name	Effective 1/1/22*	Billing Units
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GMC Rates and Fees			
4560	Market Services Charge	\$ 0.1484	MWh
4561	System Operations Charge	\$ 0.2004	MWh
4562	CRR Services Charge	\$ 0.0055	MWh
4515	Bid Segment Fee	\$ 0.0050	Per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	Per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,500	Per month
4563	TOR Charge	\$ 0.1800	Minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	Number of nominations and bids

Other Rates, Charges and Fees			
N/A	Schedule Coordinator Application Fee	\$ 7,500	Per application
N/A	CRR Application Fee	\$ 5,000	Per application
701	EIR Forecast Fee**	\$ 0.1000	MWh
4564	EIM Market Services Charge	\$ 0.0935	MWh
4564	EIM System Operations Charge	\$ 0.1002	MWh
5701	RC Service Rate	\$ 0.0282	MWh
5801	HANA Setup Fee	\$ 35,000	One time setup fee (billed over 3 years)
	HANA Annual Administrative Charge	\$ 45,000	Annual flat charge
	HANA Study User Subscriptions		See the RC West portal for HANA terms, conditions, and subscription rates.

*2022 rates effective 1/1/22 were approved by the CAISO Board of Governors on December 17, 2021.

**For Forecast Fee, which was approved 2/9/03, see Settlement BPM - Main body document Attachment B at:

<https://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2021 GMC Rates and Other Fees

Charge Code	Charge/ Fee Name	Effective 1/1/21*	Billing Units
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GMC Rates and Fees			
4560	Market Services Charge	\$ 0.1485	MWh
4561	System Operations Charge	\$ 0.2043	MWh
4562	CRR Services Charge	\$ 0.0048	MWh
4515	Bid Segment Fee	\$ 0.0050	Per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	Per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,500	Per month
4563	TOR Charge	\$ 0.1800	Minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	Number of nominations and bids

Other Rates, Charges and Fees			
N/A	Schedule Coordinator Application Fee	\$ 7,500	Per application
N/A	CRR Application Fee	\$ 5,000	Per application
701	EIR Forecast Fee**	\$ 0.1000	MWh
4564	EIM Market Services Charge	\$ 0.0936	MWh
4564	EIM System Operations Charge	\$ 0.1022	MWh
5701	RC Service Rate	\$ 0.0278	MWh
5801	HANA Setup Fee	\$ 35,000	One time setup fee (billed over 3 years)
	HANA Annual Administrative Charge	\$ 45,000	Annual flat charge
	HANA Study User Subscriptions		See the RC West portal for HANA terms, conditions, and subscription rates.

*2021 rates effective 1/1/21 were approved by the CAISO Board of Governors on December 17, 2020.

**For Forecast Fee, which was approved 2/9/03, see Settlement BPM - Main body document Attachment B at:

<https://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2020 GMC Rates and Other Fees

Charge Code	Charge/ Fee Name	Effective 1/1/20*	Effective 6/1/20	Effective 10/1/20	Billing Units
GMC Rates and Fees					
4560	Market Services Charge	\$ 0.0994	\$ 0.1044	\$ 0.0994	MWh
4561	System Operations Charge	\$ 0.2788	\$ 0.2938	\$ 0.2788	MWh
4562	CRR Services Charge	\$ 0.0078	\$ 0.0078	\$ 0.0078	MWh
4515	Bid Segment Fee	\$ 0.0050	\$ 0.0050	\$ 0.0050	per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	\$ 1.0000	\$ 1.0000	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	\$ 1,000	\$ 1,000	per month
4563	TOR Charge	\$ 0.2400	\$ 0.2400	\$ 0.2400	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	\$ 1.0000	\$ 1.0000	number of nominations and bids
Other Rates, Charges and Fees					
N/A	Schedule Coordinator Application Fee	\$ 5,000	\$ 5,000	\$ 5,000	per application
N/A	CRR Application Fee**	\$ 1,000	\$ 1,000	\$ 1,000	per application
701	EIR Forecast Fee	\$ 0.1000	\$ 0.1000	\$ 0.1000	MWh
4564	EIM Market Services Charge	\$ 0.0785	\$ 0.0825	\$ 0.0785	MWh
4564	EIM System Operations Charge	\$ 0.1087	\$ 0.1146	\$ 0.1087	MWh
5701	RC Service Charge	\$ 0.0278	\$ 0.0278	\$ 0.0278	MWh
5801	HANA Setup Fee	\$ 35,000	\$ 35,000	\$ 35,000	one time setup fee (billed over 3 years)
	HANA Annual Administrative Charge	\$ 45,000	\$ 45,000	\$ 45,000	annual flat charge
	HANA Study User Subscriptions				****amount available on RC West portal

*2020 rates effective 1/1/20 were approved by the CAISO Board of Governors on December 19, 2019.

**CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

See rate calculations at:

<http://www.caiso.com/informed/Pages/StakeholderProcesses/Budget-GridManagementCharge.aspx>

For Forecast Fee, which was approved 2/9/03, see Settlement BPM - Main body document Attachment B at:

<https://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2019 GMC Rates and Other Fees

Charge Code	Charge/ Fee Name	Effective 1/1/19*	Effective 5/1/19	Effective 7/1/19	Effective 10/1/19	Effective 11/1/19	Billing Units
GMC Rates and Fees							
4560	Market Services Charge	\$ 0.1065	\$ 0.1065	\$ 0.1065	\$ 0.1065	\$ 0.1065	MWh
4561	System Operations Charge	\$ 0.2797	\$ 0.2797	\$ 0.2797	\$ 0.2797	\$ 0.2797	MWh
4562	CRR Services Charge	\$ 0.0050	\$ 0.0100	\$ 0.0100	\$ 0.0100	\$ 0.0100	MWh
4515	Bid Segment Fee	\$ 0.0050	\$ 0.0050	\$ 0.0050	\$ 0.0050	\$ 0.0050	per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	\$ 1.0000	\$ 1.0000	\$ 1.0000	\$ 1.0000	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	per month
4563	TOR Charge	\$ 0.2400	\$ 0.2400	\$ 0.2400	\$ 0.2400	\$ 0.2400	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	\$ 1.0000	\$ 1.0000	\$ 1.0000	\$ 1.0000	number of nominations and bids
Other Rates, Charges and Fees							
N/A	Schedule Coordinator Application Fee	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	per application
N/A	CRR Application Fee**	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	per application
701	EIR Forecast Fee	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	MWh
4564	EIM Market Services Charge	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	MWh
4564	EIM System Operations Charge	\$ 0.1091	\$ 0.1091	\$ 0.1091	\$ 0.1091	\$ 0.1091	MWh
5701	RC Service Charge***			\$ 0.0134	\$ 0.0134	\$ 0.0270	MWh
5801	HANA Setup Fee				\$ 35,000	\$ 35,000	one time setup fee (billed over 3 years)
	HANA Annual Administrative Charge				\$ 45,000	\$ 45,000	annual flat charge
	HANA Study User Subscriptions				****	****	****amount available on RC West portal

*2019 rates effective 1/1/19 were approved by the CAISO Board of Governors on December 13, 2018.

**CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

***There are two RC rates for 2019. The first rate will be effective July 1, 2019 through October 31, 2019 and applicable to entities that onboarded July 1, 2019. The second rate will be effective November 1, 2019 through December 31, 2019 and applicable to all entities that are taking RC services during the period of November 1, 2019 through December 31, 2019.

The RC Service Charge for the period of January 2020 through December 2020 will be posted in December 2019. The 2019 prorated charges and the 2020 annual charges will be invoiced in Jan. 2020.

See rate calculations at:

<http://www.caiso.com/informed/Pages/StakeholderProcesses/Budget-GridManagementCharge.aspx>

For Forecast Fee, which was approved 2/9/03, see Settlement BPM - Main body document Attachment B at:

<https://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2018 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate effective 1/1/18	Rate effective 8/1/18	Billing Units
4560	Market Services Charge	\$ 0.1056	\$ 0.1100	MWh
4561	System Operations Charge	\$ 0.2814	\$ 0.2964	MWh
4562	CRR Services Charge	\$ 0.0038	\$ 0.0038	MWh
4515	Bid Segment Fee	\$ 0.0050	\$ 0.0050	per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	\$ 1.0000	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	\$ 1,000	per month
4563	TOR Charge	\$ 0.2400	\$ 0.2400	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	\$ 1.0000	number of nominations and bids
Other fees included in miscellaneous revenue				
4564	EIM Market Services Charge	\$ 0.0834	\$ 0.0869	MWh
4564	EIM System Operations Charge	\$ 0.1097	\$ 0.1156	MWh
701	EIR Forecast Fee	\$ 0.1000	\$ 0.1000	MWh

Scheduling Coordinators: The scheduling coordinator application fee is \$5,000.

CRR participants: The CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

2018 rates are as approved by the CAISO Board of Governors on December 14, 2017.

See rate calculations at: <http://www.caiso.com/informed/Pages/StakeholderProcesses/GridManagementChargeBudgetProcesses.aspx>

For Forecast Fee rate which was approved 2/9/03 see Settlement BPM - Main body document Attachment B at:

<http://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2017 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate effective 1/1/17	Billing Units
4560	Market Services Charge	\$ 0.0854	MWh
4561	System Operations Charge	\$ 0.3025	MWh
4562	CRR Services Charge	\$ 0.0059	MWh
4515	Bid Segment Fee	\$ 0.0050	per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	per month
4563	TOR Charge	\$ 0.2400	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	number of nominations and bids
Other fees included in miscellaneous revenue			
4564	EIM Market Services Charge	\$ 0.0521	MWh
4564	EIM System Operations Charge	\$ 0.1361	MWh
701	EIR Forecast Fee	\$ 0.1000	MWh

Scheduling Coordinators: The scheduling coordinator application fee is \$5,000.

CRR participants: The CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

2017 rates are as approved by the CAISO Board of Governors on December 15, 2016.

See rate calculations at:

<http://www.caiso.com/informed/Pages/StakeholderProcesses/GridManagementChargeBudgetProcesses.aspx>

For Forecast Fee rate which was approved 2/9/03 see Settlement BPM - Main body document Attachment B at:

<http://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2016 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate effective 1/1/16	Billing Units
4560	Market Services Charge	\$ 0.0850	MWh
4561	System Operations Charge	\$ 0.2979	MWh
4562	CRR Services Charge	\$ 0.0049	MWh
4515	Bid Segment Fee	\$ 0.0050	per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	per month
4563	TOR Charge	\$ 0.2400	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	number of nominations and bids
Other fees included in miscellaneous revenue			
4564	EIM Market Services Charge	\$ 0.0519	MWh
4564	EIM System Operations Charge	\$ 0.1341	MWh
701	EIR Forecast Fee	\$ 0.1000	MWh

The EIM administrative charge was split into two components and the rates listed above were in effect on November 4, 2015.

Scheduling Coordinators: The scheduling coordinator application fee is \$5,000.

CRR participants: The CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

2016 rates are as approved by the CAISO Board of Governors on December 18, 2015.

See rate calculations at:

<http://www.caiso.com/informed/Pages/StakeholderProcesses/GridManagementChargeBudgetProcesses.aspx>

For Forecast Fee rate which was approved 2/9/03 see Settlement BPM - Main body document Attachment B at:

<http://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2015 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate effective 1/1/15	Billing Units
4560	Market Services Charge	\$ 0.0876	MWh
4561	System Operations Charge	\$ 0.2978	MWh
4562	CRR Services Charge	\$ 0.0059	MWh
4515	Bid Segment Fee	\$ 0.005	per bid segment
4512	Inter SC Trade Fee	\$ 1.0000	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	per month
4563	TOR Charge	\$ 0.2400	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.0000	number of nominations and bids
Other fees included in miscellaneous revenue			
4564	EIM Administrative Charge	\$ 0.1900	MWh
701	EIR Forecast Fee	\$ 0.1000	MWh

Scheduling Coordinators: The scheduling coordinator application fee is \$5,000.

CRR participants: The CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

2015 rates are as approved by the CAISO Board of Governors on December 17, 2014.

See rate calculations at:

<http://www.caiso.com/informed/Pages/StakeholderProcesses/GridManagementChargeBudgetProcesses.aspx>

For Forecast Fee rate which was approved 2/9/03 see Settlement BPM - Main body document Attachment B at:

<http://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2014 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate effective 1/1/14	Rate effective 6/1/14	Rate effective 8/1/14	Rate effective 10/1/14	Billing Units
4560	Market Services Charge	\$ 0.0867	\$ 0.0867	\$ 0.0940	\$ 0.0940	MWh
4561	System Operations Charge	\$ 0.2890	\$ 0.2890	\$ 0.2890	\$ 0.2890	MWh
4562	CRR Services Charge	\$ 0.0112	\$ 0.0073	\$ 0.0073	\$ 0.0073	MWh
4515	Bid Segment Fee	\$ 0.005	\$ 0.005	\$ 0.005	\$ 0.005	per bid segment
4512	Inter SC Trade Fee	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	per month
4563	TOR Charge	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	number of nominations and bids
Other fees included in miscellaneous revenue						
4564	EIM Administrative Charge	\$ -	\$ -	\$ -	\$ 0.19	MWh
701	EIR Forecast Fee	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	MWh

Scheduling Coordinators: The scheduling coordinator application fee is \$5,000.

CRR participants: The CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

2014 rates are as approved by the CAISO Board of Governors on December 18, 2013.

See rate calculations at: <http://www.caiso.com/informed/Pages/StakeholderProcesses/GridManagementChargeBudgetProcesses.aspx>

For Forecast Fee rate which was approved 2/9/03 see Settlement BPM - Main body document Attachment B at:

<http://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing>



2013 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/13	Rate Effective 8/1/13	Billing Units
4560	Market Services Charge	\$ 0.0931	\$ 0.0754	MWh
4561	System Operations Charge	\$ 0.2872	\$ 0.2872	MWh
4562	CRR Services Charge	\$ 0.0135	\$ 0.0090	MWh
4515	Bid Segment Fee	\$ 0.005	\$ 0.005	per bid segment
4512	Inter SC Trade Fee	\$ 1.00	\$ 1.00	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	\$ 1,000	per month
4563	TOR charges	\$ 0.27	\$ 0.27	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.00	\$ 1.00	number of nominations and bids

Scheduling Coordinators: The scheduling coordinator application fee is \$5,000.

CRR participants: The CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

2013 rates are as approved by the CAISO Board of Governors on December 14, 2012.

See rate calculations at:

<http://www.caiso.com/informed/Pages/StakeholderProcesses/GridManagementChargeBudgetProcesses.aspx>



2012 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/12	Rate Effective 7/1/12	Rate Effective 10/1/12	Billing Units
4560	Market Services Charge	\$ 0.0851	\$ 0.0950	\$ 0.0840	MWh
4561	System Operations Charge	\$ 0.2845	\$ 0.2845	\$ 0.2845	MWh
4562	CRR Services Charge	\$ 0.0170	\$ 0.0100	\$ 0.0100	MWh
4515	Bid Segment Fee	\$ 0.005	\$ 0.005	\$ 0.005	per bid segment
4512	Inter SC Trade Fee	\$ 1.00	\$ 1.00	\$ 1.00	per Inter SC Trade
4575	SCID Monthly Fee	\$ 1,000	\$ 1,000	\$ 1,000	per month
4563	TOR charges	\$ 0.27	\$ 0.27	\$ 0.27	minimum of supply or demand TOR MWh
4516	CRR Bid Fee	\$ 1.00	\$ 1.00	\$ 1.00	number of nominations and bids

Scheduling Coordinators: The scheduling coordinator application fee is \$5,000.

CRR participants: The CRR application fee is \$1,000 for applicants who are not already scheduling coordinators.

2012 rates are as approved by the CAISO Board of Governors on December 15, 2011.

See rate calculations at:

<http://www.caiso.com/informed/Pages/StakeholderProcesses/GridManagementChargeBudgetProcesses.aspx>



2011 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/11	Rate Effective 4/1/11	Rate Effective 10/1/11	Billing Units	Data
4501	CRS Demand Peak	\$75.8960	\$78.8960	\$75.8960	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$50.0999	\$50.0999	\$50.0999	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 1.6290	\$ 1.6290	\$ 1.6290	MWh	Export MWhs, excluding TOR exports
4505	ETS - NE	\$ 0.2953	\$ 0.2953	\$ 0.2953	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 1.2225	\$ 1.2225	\$ 1.2225	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4508	CRS/ETS - TOR Energy Export	\$ 0.2266	\$ 0.2266	\$ 0.2266	MWh	MWhs of TOR Metered Balancing Authority Area Load
4511	Forward Scheduling	\$ 1.3170	\$ 1.3170	\$ 1.3170	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 1.3170	\$ 1.3170	\$ 1.3170	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PG&B Inter-SC Trades	\$ 0.9956	\$ 0.9956	\$ 0.9956	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4534	MU - Awarded AS	\$ 0.4488	\$ 0.3664	\$ 0.5189	MW	MWs purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.4488	\$ 0.3664	\$ 0.5189	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.4488	\$ 0.3664	\$ 0.5189	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4537	MU - Forward Energy	\$ 0.0494	\$ 0.0494	\$ 0.0494	MWh	Maximum MWh of an SC's Supply or Demand
4520	Convergence Bidding Fee	\$ 0.0050	\$ 0.0050	\$ 0.0050	per bid segment	per bid segment of submitted convergence bids
4533	Convergence Bidding	\$ 0.0618	\$ 0.0618	\$ 0.0618	MWh	MWh of Coverage Bidding
4546	ETS / MU PIRP Deviations	\$ 1.6713	\$ 1.6713	\$ 1.6713	MWh	MWhs of Uninstructed Imbalance Energy from Participating Intermittent Resources (PIRP) summed during the month
4575	SMCR	\$ 1,000	\$ 1,000	\$ 1,000	per month	For customers with non-zero market, PTO, or CRR invoice

2011 rates are as approved by the CAISO Board of Governors on December 15, 2010.

See rate calculations at: <http://www.caiso.com/247d/247deb3549590.pdf>

2010 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/10	Rate Effective 4/1/10	Rate Effective 6/1/10	Rate Effective 7/1/10	Billing Units	Data
4501	CRS Demand Peak	\$78.5142	\$78.5142	\$78.5142	\$94.7098	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$51.8203	\$51.8203	\$51.8203	\$62.5085	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 1.1652	\$ 1.8291	\$ 1.8291	\$ 1.8291	MWh	Export MWhs, excluding TOR exports
4505	ETS - NE	\$ 0.3140	\$ 0.3140	\$ 0.3140	\$ 0.3496	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 1.1592	\$ 1.1592	\$ 1.1592	\$ 1.9795	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4508	CRS/ETS - TOR Energy Export	\$ 0.2312	\$ 0.2312	\$ 0.2312	\$ 0.2312	MWh	MWhs of TOR Metered Balancing Authority Area Load
4511	Forward Scheduling	\$ 1.7078	\$ 2.5319	\$ 2.5319	\$ 2.5319	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 1.7078	\$ 2.5319	\$ 2.5319	\$ 2.5319	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PGAB Inter-SC Trades	\$ 1.2911	\$ 1.2911	\$ 1.2911	\$ 1.2911	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4534	MU - Awarded AS	\$ 0.2298	\$ 0.2298	\$ 0.2298	\$ 0.2298	MW	MW's purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.2298	\$ 0.2298	\$ 0.2298	\$ 0.2298	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.2298	\$ 0.2298	\$ 0.2298	\$ 0.2298	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4537	MU - Forward Energy	\$ 0.2247	\$ 0.2247	\$ 0.0629	\$ 0.0629	MWh	Maximum MWh of an SC's Supply or Demand
4546	ETS / MU PIRP Deviations	\$ 1.3889	\$ 1.3889	\$ 1.3889	\$ 1.3889	MWh	MWhs of Uninstructed Imbalance Energy from Participating Intermittent Resources (PIRP) summed during the month
4575	SMCR	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	per month	For customers with non-zero market, PTO, or CRR invoice

2010 rates are as approved by the CAISO Board of Governors on December 17, 2009.

See rate calculations at: <http://www.caiso.com/247d/247deb3549590.pdf>

2009 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/09	Rate Effective 4/1/09	Rate Effective 8/1/09	Rate Effective 10/1/09	Billing Units	Data
4501	CRS Demand Peak	\$73.6024	\$70.2798	\$70.2798	\$70.2798	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$48.5801	\$46.3826	\$46.3826	\$46.3826	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 0.7435	\$ 0.6771	\$ 0.6771	\$ 1.0125	MWh	Export MWhs, excluding TOR exports
4504	CRS / ETS - NE (Mohave)	\$ 0.3962	\$ -	\$ -	\$ -	MWh	Exports from Mohave to Nevada Power and Salt River Project
4505	ETS - NE	\$ 0.3028	\$ 0.2963	\$ 0.2963	\$ 0.3070	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 1.0401	\$ 1.0248	\$ 1.0248	\$ 1.1703	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4508	CRS/ETS - TOR Energy Export	\$ -	\$ 0.2344	\$ 0.2344	\$ 0.2344	MWh	MWhs of TOR Metered Balancing Authority Area Load
4511	Forward Scheduling	\$ 0.4937	\$ 1.0963	\$ 1.0963	\$ 1.5678	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 0.4937	\$ 1.0963	\$ 1.0963	\$ 1.5678	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PG&B Inter-SC Trades	\$ 0.3733	\$ 0.8288	\$ 0.8288	\$ 0.8288	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4522	Congestion Management	\$ 0.0871	\$ -	\$ -	\$ -	MWh	MWhs of net final HA scheduled interzonal flows
4534	MU - Awarded AS	\$ 0.7442	\$ 0.5946	\$ 0.5946	\$ 0.4272	MW	MWs purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.7442	\$ 0.5946	\$ 0.5946	\$ 0.4272	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.7442	\$ 0.5946	\$ 0.5946	\$ 0.4272	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4537	MU - Forward Energy	\$ -	\$ 0.4316	\$ 0.3000	\$ 0.2652	MWh	Maximum MWh of an SC's Supply or Demand
4546	ETS / MU PIRP Deviations	\$ -	\$ 1.6194	\$ 1.6194	\$ 1.6194	MWh	MWhs of Uninstructed Imbalance Energy from Participating Intermittent Resources (PIRP) summed during the month
4575	SMCR	\$ 500	\$ 1,000	\$ 1,000	\$ 1,000	per month	For customers with non-zero market, PTO, or CRR invoice

2009 rates are as approved by the CAISO Board of Governors on December 17, 2008.

See rate calculations for pre 4/1/10 at: <http://www.caiso.com/2091/209197764ace0.pdf>

See rate calculations for post 3/31/10 at: <http://www.caiso.com/2091/20919b1d74bf0.pdf>

2008 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/08	Rate Effective 10/1/08	Billing Units	Data
4501	CRS Demand Peak	\$ 73.6024	\$ 72.3774	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$ 48.5801	\$ 47.7708	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 0.7435	\$ 0.5228	MWh	Export MWhs, excluding TOR exports
4504	CRS / ETS - NE (Mohave)	\$ 0.3662	\$ 0.2803	MWh	Exports from Mohave to Nevada Power and Salt River Project
4505	ETS - NE	\$ 0.3028	\$ 0.2782	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 1.0401	\$ 0.9881	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4511	Forward Scheduling	\$ 0.4937	\$ 0.8703	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 0.4937	\$ 0.4352	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PGAB Inter-SC Trades	\$ 0.3733	\$ 0.3290	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4522	Congestion Management	\$ 0.0871	\$ 0.1076	MWh	MWhs of net final HA scheduled interzonal flows
4534	MU - Awarded AS	\$ 0.7442	\$ 0.8975	MW	MWs purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.7442	\$ 0.8975	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.7442	\$ 0.8975	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4575	SMCR	\$ 500	\$ 500	per month	For customers with non-zero market, PTO, or CRR invoice

2007 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/07	Rate Effective 8/1/07	Rate Effective 10/1/07	Billing Units	Data
4501	CRS Demand Peak	\$ 90.0289	\$ 90.0289	\$ 90.0289	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$ 59.4213	\$ 59.4213	\$ 59.4213	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 0.5010	\$ 0.5010	\$ 0.5010	MWh	Export MWhs, excluding TOR exports
4504	CRS / ETS - NE (Mohave)	\$ 0.2757	\$ 0.2757	\$ 0.2757	MWh	Exports from Mohave to Nevada Power and Salt River Project
4505	ETS - NE	\$ 0.2867	\$ 0.2867	\$ 0.2867	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 0.9341	\$ 0.9341	\$ 0.9341	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4511	Forward Scheduling	\$ 0.8409	\$ 0.8409	\$ 0.8409	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 0.4204	\$ 0.4204	\$ 0.4204	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PGAB Inter-SC Trades	\$ 0.3179	\$ 0.3179	\$ 0.3179	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4522	Congestion Management	\$ 0.1050	\$ 0.1050	\$ 0.0956	MWh	MWhs of net final HA scheduled interzonal flows
4534	MU - Awarded AS	\$ 0.6177	\$ 0.7797	\$ 0.7797	MW	MWs purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.6177	\$ 0.7797	\$ 0.7797	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.6177	\$ 0.7797	\$ 0.7797	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4575	SMCR	\$ 500	\$ 500	\$ 500	per month	For customers with non-zero market, PTO, or CRR invoice

2006 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/06	Rate Effective 10/1/06	Billing Units	Data
4501	CRS Demand Peak	\$ 89.9333	\$ 81.8039	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$ 59.3637	\$ 53.9965	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 0.4952	\$ 0.4635	MWh	Export MWhs, excluding TOR exports
4504	CRS / ETS - NE (Mohave)	\$ 0.2766	\$ 0.2655	MWh	Exports from Mohave to Nevada Power and Salt River Project
4505	ETS - NE	\$ 0.2950	\$ 0.2950	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 0.8749	\$ 0.8749	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4511	Forward Scheduling	\$ 0.7639	\$ 0.7639	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 0.3815	\$ 0.3815	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PG&B Inter-SC Trades	\$ 0.2483	\$ 0.2483	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4522	Congestion Management	\$ 0.1464	\$ 0.1261	MWh	MWhs of net final HA scheduled interzonal flows
4534	MU - Awarded AS	\$ 0.5824	\$ 0.4754	MW	MWs purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.5824	\$ 0.4754	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.5824	\$ 0.4754	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4575	SMCR	\$ 500	\$ 500	per month	For customers with non-zero market, PTO, or CRR invoice
4576	MID fixed monthly payment	\$ 75,000	\$ 75,000	per month	Invoiced monthly to MID

2005 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/05	Billing Units	Data
4501	CRS Demand Peak	\$ 98.0580	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$ 64.7034	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 0.5083	MWh	Export MWhs, excluding TOR exports
4504	CRS / ETS - NE (Mohave)	\$ 0.2890	MWh	Exports from Mohave to Nevada Power and Salt River Project
4505	ETS - NE	\$ 0.3174	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 0.7960	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4511	Forward Scheduling	\$ 1.2873	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 0.6436	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PGAB Inter-SC Trades	\$ 0.5104	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4522	Congestion Management	\$ 0.1864	MWh	MWhs of net final HA scheduled interzonal flows
4534	MU - Awarded AS	\$ 0.7041	MW	MW's purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.7041	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.7041	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4575	SMCR	\$ 500	per month	For customers with non-zero market, PTO, or CRR invoice
4576	MID fixed monthly payment	\$ 75,000	per month	Invoiced monthly to MID

2004 GMC Rates and Administrative Fees

Charge Code	Charge/ Fee Name	Rate Effective 1/1/04	Billing Units	Data
4501	CRS Demand Peak	\$106.8332	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 07 through 22
4502	CRS Demand Off-Peak	\$ 70.5098	MW - month	Non-coincident Peak - Maximum Hourly load (not including exports) within a month during the hours ending 01 through 06 and 23 and 24.
4503	CRS - Energy Export	\$ 0.4277	MWh	Export MWhs, excluding TOR exports
4504	CRS / ETS - NE (Mohave)	\$ 0.2679	MWh	Exports from Mohave to Nevada Power and Salt River Project
4505	ETS - NE	\$ 0.3379	MWh	MWhs of Metered Balancing Authority Area Load, excluding TOR Metered Balancing Authority Area Load
4506	ETS - UE	\$ 0.7123	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4511	Forward Scheduling	\$ 1.1785	non-zero MW schedule	Number of Day Ahead and Hour Ahead Scheduling Process Load, Generation, Import, Export and awarded AS energy schedules
4512	Forward Scheduling - Inter-SC Trades	\$ 0.5893	non-zero MW Inter-SC trade	Number of Inter-SC trade schedules
4513	Forward Scheduling PGAB Inter-SC Trades	\$ 0.4552	non-zero MW Inter-SC trade	Number of PG&E Path 15 Facilitator Inter-SC trade schedules
4522	Congestion Management	\$ 0.2043	MWh	MWhs of net final HA scheduled interzonal flows
4534	MU - Awarded AS	\$ 0.8034	MW	MW's purchases and sales of AS
4535	MU - Instructed Energy	\$ 0.8034	MWh	MWhs of Instructed Energy summed by interval
4536	MU - Net Uninstructed Deviation	\$ 0.8034	MWh	MWhs of Uninstructed Imbalance Energy summed by interval, excluding PIRP UIE
4575	SMCR	\$ 500	per month	For customers with non-zero market, PTO, or CRR invoice
4576	MID fixed monthly payment	\$ 75,000	per month	Invoiced monthly to MID