

December 15, 2008

The Honorable Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

Re: *California Independent System Operator Corporation*  
Docket No. ER09-\_\_\_\_-000

**Transmission Access Charge Informational Filing**

Dear Secretary Bose:

Please find enclosed an original and 5 copies of an informational filing by the California Independent System Operator Corporation (“CAISO”) that is intended to provide notice regarding the CAISO’s revised transmission Access Charges (“TAC”) effective March 1, 2008 through August 31, 2008. The enclosed informational filing is intended to provide notice regarding the revised transmission Access Charges for four (4) consecutive periods:

March 1, 2008 through April 3, 2008;  
April 4, 2008 through April 22, 2008;  
April 23, 2008 through May 31, 2008; and  
June 1, 2008 through August 31, 2008.

The basis for the revision is to implement the revised Transmission Revenue Requirement (“TRR”) of Pacific Gas and Electric Company (“PG&E”) as of March 1 resulting from an uncontested offer of settlement in the Commission proceedings regarding PG&E’s proposed TRR revision in its “TO10” filing. The revised TRR of PG&E set forth in that TO10 settlement was approved by the Commission in an order issued on October 22, 2008 in Docket Nos. ER07-1213 *et al.*<sup>1</sup>

As noted in the CAISO’s TAC rates informational filing in Docket No. ER09-371, which set forth revisions to the CAISO’s TAC rates effective September 1, 2008, the revision to PG&E’s TRR described herein has already been reflected in the revised Access Charges and Wheeling Access Charges that the CAISO has filed in Docket No. ER09-371. As noted in its filing in that docket, the CAISO has deferred until now submitting a separate informational filing describing the effect of this PG&E TRR

---

<sup>1</sup> *Pacific Gas and Electric Company*, 125 FERC 61,084 (2008).

revision and the need for a recalculation of TAC rates for the period from March 1, 2008 through August 31, 2008. The delay in this filing has resulted from the need for the CAISO to recalculate the TAC rates effective as of March 1, 2008, to prepare the worksheets illustrating the recalculated TAC rates, and to ensure that all stakeholders were in agreement with the recalculated TAC rates. The CAISO has also needed to devote time and resources to preparing the invoices implementing these recalculated TAC rates. By a Market Notice issued on December 15, 2008 and posted on the CAISO Website, the CAISO informed Market Participants that it issued invoices on that same date for the adjusted TAC rates for March 1, 2008 through August 31, 2008.<sup>2</sup>

### Changes in Rates

The TAC rates provided in the present filing revise the Access Charges and Wheeling Access Charges provided for informational purposes by the CAISO in Docket Nos. ER08-1321, ER08-1349, ER08-1409, and ER08-1493.<sup>3</sup> Pursuant to the Commission order in Docket Nos. ER07-1213 *et al.*, the changes in the present filing are effective for the dates set forth below, in accordance with CAISO Tariff Appendix F, Schedule 3, Section 8.

Worksheets illustrating the recalculation of the CAISO's TAC rates are included with the present transmittal letter as Attachments A-D. The recalculated rates for each of the TAC Areas, which were effective March 1, 2008 through April 3, 2008, are reflected in Attachment A and are as follows:

Northern Area	\$3.5624/MWh
East/Central Area	\$3.6518/MWh
Southern Area	\$3.4055/MWh

The recalculated rates for each of the TAC Areas, which were effective April 4, 2008 through April 22, 2008, are reflected in Attachment B and are as follows:

Northern Area	\$3.5345/MWh
East/Central Area	\$3.6093/MWh
Southern Area	\$3.3777/MWh

---

<sup>2</sup> The Market Notice is posted on the CAISO Website ([www.caiso.com](http://www.caiso.com)) at the following internet address: <http://www.caiso.com/209e/209ea63ada70.html>. The CAISO previously incorporated the revised TAC rates for the period commencing September 1, 2008 into the CAISO's regular invoices issued for the month of September 2008.

<sup>3</sup> As the revised Access Charges and Wheeling Access Charges in the present filing are effective March 1, 2008 through August 31, 2008, the revisions included in this filing do not modify current TAC rates, but rather those prior TAC rates. The CAISO's current TAC rates are set forth in the informational filing submitted by the CAISO on December 1, 2008 in Docket No. ER09-371 (deemed by the Commission as filed on December 2, 2008).

The recalculated rates for each of the TAC Areas, which were effective April 23, 2008 through May 31, 2008, are reflected in Attachment C and are as follows:

Northern Area	\$3.5490/MWh
East/Central Area	\$3.6315/MWh
Southern Area	\$3.3921/MWh

The recalculated rates for each of the TAC Areas, which were effective June 1, 2008 through August 31, 2008, are reflected in Attachment D and are as follows:

Northern Area	\$3.5217/MWh
East/Central Area	\$3.6042/MWh
Southern Area	\$3.3262/MWh

### Communications

Communications regarding this filing should be addressed to the following individuals, whose names should be placed on the official service list established by the Secretary with respect to this submittal:

Deborah A. Le Vine*	Michael D. Dozier*, Senior Counsel
California Independent System Operator Corporation	California Independent System Operator Corporation
151 Blue Ravine Road	151 Blue Ravine Road
Folsom, CA 95630	Folsom, CA 95630
Phone: (916) 351-2144	Phone: (916) 608-7048
Fax: (916) 351-2267	Fax: (916) 608-7222
<a href="mailto:dlevine@caiso.com">dlevine@caiso.com</a>	<a href="mailto:mdozier@caiso.com">mdozier@caiso.com</a>

\*Individuals designated for service pursuant to Rule 203(b)(3), 18 C.F.R. § 385.203(b)(3).

The CAISO has served copies of this transmittal letter and attachments hereto on the Public Utilities Commission of the State of California, the California Energy Commission, and the Participating TOs, and on all parties with effective Scheduling Coordinator Agreements under the CAISO Tariff. In addition, the CAISO is posting this transmittal letter and all attachments on the CAISO Website.

The Honorable Kimberly D. Bose  
December 15, 2008  
Page 4

An additional copy of this filing is enclosed to be date-stamped and returned in the enclosed, pre-paid Federal Express envelope. If there are any questions concerning this filing, please contact the undersigned.

Respectfully submitted,



Michael D. Dozier  
Senior Counsel  
California Independent System Operator  
Corporation  
151 Blue Ravine Road  
Folsom, CA 95630  
Tel: (916) 608-7048  
Fax: (916) 608-7222

Attachments

## ATTACHMENT A

### March 01, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on the FERC Order on PG&Es Offer of Settlement (Docket No. ER07-1213)

**TAC Components:**

	Filed Annual TRR Existing HV Facilities (\$) [1]	Filed Annual TRR New HV Facilities (\$) [2]	Filed Annual Gross Load (MWh) [3]	TAC Area [4]	Total Filed TRR (\$) = [1] + [2] [5]	EHVF only Utility Specific Rate (\$/MWh) [6] = [1] / [3]	EHVF only TAC Area Rate (\$/MWh) [7] = [2] [1]	HV Utility Specific Rate (\$/MWh) [8] = [5] / [3]	TAC Area Rate (\$/MWh) [9] = [19]
PGE	\$ 157,620,655	\$ 179,098,145	92,136,595	N	\$ 336,718,800	\$ 1.7107	\$ 1.8148	\$ 3.6546	\$ 3.5624
SCE	\$ 159,363,861	\$ 94,316,942	91,670,569	EC	\$ 253,680,803	\$ 1.7384	\$ 1.9042	\$ 2.7673	\$ 3.6518
SDGE	\$ 19,708,518	\$ 65,557,597	21,271,145	S	\$ 85,266,115	\$ 0.9265	\$ 1.6579	\$ 4.0085	\$ 3.4055
Anaheim	\$ 21,670,561	\$ -	2,766,313	EC	\$ 21,670,561	\$ 7.8337	\$ 1.9042	\$ 7.8337	\$ 3.6518
Azusa	\$ 1,008,851	\$ -	239,575	EC	\$ 1,008,851	\$ 4.2110	\$ 1.9042	\$ 4.2110	\$ 3.6518
Banning	\$ 830,074	\$ -	139,457	EC	\$ 830,074	\$ 5.9522	\$ 1.9042	\$ 5.9522	\$ 3.6518
Pasadena	\$ 8,706,949	\$ -	1,239,884	EC	\$ 8,706,949	\$ 7.0224	\$ 1.9042	\$ 7.0224	\$ 3.6518
Riverside	\$ 13,680,083	\$ -	1,814,019	EC	\$ 13,680,083	\$ 7.5413	\$ 1.9042	\$ 7.5413	\$ 3.6518
Vernon	\$ 8,551,622	\$ -	1,210,668	EC	\$ 8,551,622	\$ 7.0636	\$ 1.9042	\$ 7.0636	\$ 3.6518
Atlantic P15	\$ -	\$ 32,373,056	-	N	\$ 32,373,056	\$ -	\$ -	\$ -	\$ 3.5624
<b>ISO Total</b>	<b>\$ 391,141,175</b>	<b>\$ 371,345,740</b>	<b>212,488,225</b>		<b>\$ 762,486,915</b>				

**STEP 1: Calculate the Access Charge Rate for each TAC Area.**

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (20%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (80%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) [10] = [1]	Annual TAC Area TRR (\$) [11] = [10] x 20%	Annual Gross Load (MWh) [12] = [3]	TAC Area Rate (\$/MWh) [13] = [11] / [12]	ISO Wide TRR Existing HV Facilities (\$) [14] Total ([10]) x 80%	ISO Wide TRR New HV Facilities (\$) [15] = Total [2]	ISO Wide Annual Gross Load (MWh) [16] = Total [3]	ISO Wide Rate (\$/MWh) [17] = ([14] + [15]) / [16]	EHVF only ISO-Wide Rate (\$/MWh) [18] = [14] / [16]	TAC Rate (TAC Area + ISO Wide) (\$/MWh) [19] = [13] + [17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) [20] = [19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] = [13] + [18]	New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] = [15] / [16]
North	\$ 157,620,655	\$ 31,524,131	92,136,595	\$ 0.3421						\$ 3.5624	\$ 3.5624	\$ 1.8148	\$ 1.7476
East/C	\$ 213,812,002	\$ 42,762,400	99,080,485	\$ 0.4316						\$ 3.6518	\$ 3.6518	\$ 1.9042	\$ 1.7476
South	\$ 19,708,518	\$ 3,941,704	21,271,145	\$ 0.1853						\$ 3.4055	\$ 3.4055	\$ 1.6579	\$ 1.7476
<b>Total</b>	<b>\$ 391,141,175</b>	<b>\$ 78,228,235</b>	<b>212,488,225</b>										
<b>ISO-wide</b>	<b>\$ 312,912,940</b>	<b>\$ 371,345,740</b>	<b>212,488,225</b>	<b>\$ 3.2202</b>					<b>\$ 1.4726</b>				

### March 01, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

**STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden.** Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] =[4]	[24] =[3]	[25] =[7]	[26] =[24] x [25]	[27] =[6]	[28] =[24] x [27]	[29] =[26] - [28]
PGE N	92,136,595	\$ 1.8148	\$ 167,205,686	\$ 1.7107	\$ 157,620,655	\$ 9,585,031
SCE EC	91,670,569	\$ 1.9042	\$ 174,559,615	\$ 1.7384	\$ 159,363,861	\$ 15,195,754
SDGE S	21,271,145	\$ 1.6579	\$ 35,265,870	\$ 0.9265	\$ 19,708,518	\$ 15,557,352
Anaheim EC	2,766,313	\$ 1.9042	\$ 5,267,629	\$ 7.8337	\$ 21,670,561	\$ (16,402,932)
Azusa EC	239,575	\$ 1.9042	\$ 456,200	\$ 4.2110	\$ 1,008,851	\$ (552,651)
Banning EC	139,457	\$ 1.9042	\$ 265,555	\$ 5.9522	\$ 830,074	\$ (564,520)
Pasadena EC	1,239,884	\$ 1.9042	\$ 2,360,994	\$ 7.0224	\$ 8,706,949	\$ (6,345,955)
Riverside EC	1,814,019	\$ 1.9042	\$ 3,454,265	\$ 7.5413	\$ 13,680,083	\$ (10,225,818)
Vernon EC	1,210,668	\$ 1.9042	\$ 2,305,361	\$ 7.0636	\$ 8,551,622	\$ (6,246,261)
<b>ISO Total</b>	<b>212,488,225</b>		<b>\$ 391,141,175</b>		<b>\$ 391,141,175</b>	<b>\$ (0)</b>

**STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.**

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

	EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOU's Burden Exceeds IOU's Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
	[30] =[29]	[31]	IF ([31] - [30] > 0) =[31] - [30]. if no cap, then 0.	IF [30] - [31] > 0 =[30] - [31]. if no cap, then 0.	IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] =[34] - [33]	[36] =[30] + [35]	Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] =[35] + [37]	[39] =[36] + [37]	[40] =[38] / [24]
PGE	\$ 9,585,031	\$ 32,000,000	\$ 22,414,969	\$ 0	\$ 4,319,255	\$ 4,319,255	\$ 13,904,287	\$ 4,023,774	\$ 8,343,030	\$ 17,928,061	\$ 0.0906
SCE	\$ 15,195,754	\$ 32,000,000	\$ 16,804,246	\$ 0	\$ 3,238,097	\$ 3,238,097	\$ 18,433,850	\$ (505,789)	\$ 2,732,307	\$ 17,928,061	\$ 0.0298
SDGE	\$ 15,557,352	\$ 8,000,000	\$ 0	\$ 7,557,352	\$ 0	\$ (7,557,352)	\$ 8,000,000	\$ (3,517,985)	\$ (11,075,337)	\$ 4,482,015	\$ (0.5207)
Anaheim	\$ (16,402,932)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (16,402,932)	\$ 0	\$ 0	\$ (16,402,932)	\$ 0
Azusa	\$ (552,651)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (552,651)	\$ 0	\$ 0	\$ (552,651)	\$ 0
Banning	\$ (564,520)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (564,520)	\$ 0	\$ 0	\$ (564,520)	\$ 0
Pasadena	\$ (6,345,955)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (6,345,955)	\$ 0	\$ 0	\$ (6,345,955)	\$ 0
Riverside	\$ (10,225,818)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (10,225,818)	\$ 0	\$ 0	\$ (10,225,818)	\$ 0
Vernon	\$ (6,246,261)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (6,246,261)	\$ 0	\$ 0	\$ (6,246,261)	\$ 0
<b>Total</b>	<b>\$ 0</b>	<b>\$ 72,000,000</b>	<b>\$ 39,219,215</b>	<b>\$ 7,557,352</b>	<b>\$ 7,557,352</b>	<b>\$ (0)</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

### March 01, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

**STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.**

	Filed Annual TRR New HV Facilities (\$) [41] =[2]	ISO Wide Annual Gross Load (MWh) [42] =[3]	New HVTRR Rate (\$/MWh) [43] =[15]/[16]	New HVTRR Cost Responsibility (\$) [44] =[42] * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] =[44] - [41]	Total Access Charge (Benefit)/Burden (\$) [46] =[45] + [39]
PGE	\$ 179,098,145	92,136,595	\$ 1.7476	\$ 161,018,485	\$ (18,079,660)	\$ (151,599)
SCE	\$ 94,316,942	91,670,569	\$ 1.7476	\$ 160,204,055	\$ 65,887,113	\$ 83,815,174
SDGE	\$ 65,557,597	21,271,145	\$ 1.7476	\$ 37,173,585	\$ (28,384,012)	\$ (23,901,997)
Anaheim	\$ -	2,766,313	\$ 1.7476	\$ 4,834,426	\$ 4,834,426	\$ (11,568,506)
Azusa	\$ -	239,575	\$ 1.7476	\$ 418,683	\$ 418,683	\$ (133,969)
Banning	\$ -	139,457	\$ 1.7476	\$ 243,716	\$ 243,716	\$ (320,804)
Pasadena	\$ -	1,239,884	\$ 1.7476	\$ 2,166,829	\$ 2,166,829	\$ (4,179,126)
Riverside	\$ -	1,814,019	\$ 1.7476	\$ 3,170,191	\$ 3,170,191	\$ (7,055,627)
Vernon	\$ -	1,210,668	\$ 1.7476	\$ 2,115,771	\$ 2,115,771	\$ (4,130,490)
Atlantic P15	\$ 32,373,056	0	\$ 1.7476	\$ 0	\$ (32,373,056)	\$ (32,373,056)
<b>Total</b>	<b>\$ 371,345,740</b>	<b>212,488,225</b>		<b>\$ 371,345,740</b>	<b>\$ 0</b>	<b>\$ 0</b>



ATTACHMENT B

## April 04, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

### Based on the FERC Order on PG&Es Offer of Settlement (Docket No. ER07-1213)

**TAC Components:**

	Filed Annual TRR Existing HV Facilities (\$) <i>[1]</i>	Filed Annual TRR New HV Facilities (\$) <i>[2]</i>	Filed Annual Gross Load (MWh) <i>[3]</i>	TAC Area <i>[4]</i>	Total Filed TRR (\$) <i>[5]</i> = <i>[1]</i> + <i>[2]</i>	EHVF only Utility Specific Rate (\$/MWh) <i>[6]</i> = <i>[1]</i> / <i>[3]</i>	EHVF only TAC Area Rate (\$/MWh) <i>[7]</i> = <i>[2]</i> / <i>[3]</i>	HV Utility Specific Rate (\$/MWh) <i>[8]</i> = <i>[5]</i> / <i>[3]</i>	TAC Area Rate (\$/MWh) <i>[9]</i> = <i>[19]</i>
PGE	\$ 157,620,655	\$ 179,098,145	92,136,595	N	\$ 336,718,800	\$ 1.7107	\$ 1.7876	\$ 3.6546	\$ 3.5345
SCE	\$ 159,363,861	\$ 94,316,942	91,670,569	EC	\$ 253,680,803	\$ 1.7384	\$ 1.8624	\$ 2.7673	\$ 3.6093
SDGE	\$ 19,708,518	\$ 65,557,597	21,271,145	S	\$ 85,266,115	\$ 0.9265	\$ 1.6307	\$ 4.0085	\$ 3.3777
Anaheim	\$ 21,670,561	\$ -	2,766,313	EC	\$ 21,670,561	\$ 7.8337	\$ 1.8624	\$ 7.8337	\$ 3.6093
Azusa	\$ 1,008,851	\$ -	239,575	EC	\$ 1,008,851	\$ 4.2110	\$ 1.8624	\$ 4.2110	\$ 3.6093
Banning	\$ 830,074	\$ -	139,457	EC	\$ 830,074	\$ 5.9522	\$ 1.8624	\$ 5.9522	\$ 3.6093
Pasadena	\$ 8,706,949	\$ -	1,239,884	EC	\$ 8,706,949	\$ 7.0224	\$ 1.8624	\$ 7.0224	\$ 3.6093
Riverside	\$ 13,680,083	\$ -	1,814,019	EC	\$ 13,680,083	\$ 7.5413	\$ 1.8624	\$ 7.5413	\$ 3.6093
Vernon	\$ 1,466,726	\$ -	1,288,684	EC	\$ 1,466,726	\$ 1.1382	\$ 1.8624	\$ 1.1382	\$ 3.6093
Atlantic P15	\$ -	\$ 32,373,056	-	N	\$ 32,373,056	\$ -	\$ -	\$ -	\$ 3.5345
<b>ISO Total</b>	<b>\$ 384,056,279</b>	<b>\$ 371,345,740</b>	<b>212,566,241</b>		<b>\$ 755,402,019</b>				

**STEP 1: Calculate the Access Charge Rate for each TAC Area.**

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (20%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (80%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) <i>[10]</i> = <i>[1]</i>	Annual TAC Area TRR (\$) <i>[11]</i> = <i>[10]</i> x 20%	Annual Gross Load (MWh) <i>[12]</i> = <i>[3]</i>	TAC Area Rate (\$/MWh) <i>[13]</i> = <i>[11]</i> / <i>[12]</i>	ISO Wide TRR Existing HV Facilities (\$) <i>[14]</i> Total <i>[10]</i> x 80%	ISO Wide TRR New HV Facilities (\$) <i>[15]</i> = Total <i>[2]</i>	ISO Wide Annual Gross Load (MWh) <i>[16]</i> = Total <i>[3]</i>	ISO Wide Rate (\$/MWh) <i>[17]</i> = ( <i>[14]</i> + <i>[15]</i> ) / <i>[16]</i>	EHVF only ISO-Wide Rate (\$/MWh) <i>[18]</i> = <i>[14]</i> / <i>[16]</i>	TAC Rate (TAC Area + ISO Wide) (\$/MWh) <i>[19]</i> = <i>[13]</i> + <i>[17]</i>	Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) <i>[20]</i> = <i>[19]</i>	Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) <i>[21]</i> = <i>[13]</i> + <i>[18]</i>	New HV Facilities (NHVF) only TAC Rate (\$/MWh) <i>[22]</i> = <i>[15]</i> / <i>[16]</i>
North	\$ 157,620,655	\$ 31,524,131	92,136,595	\$ 0.3421						\$ 3.5345	\$ 3.5345	\$ 1.7876	\$ 1.7470
East/C	\$ 206,727,106	\$ 41,345,421	99,158,501	\$ 0.4170						\$ 3.6093	\$ 3.6093	\$ 1.8624	\$ 1.7470
South	\$ 19,708,518	\$ 3,941,704	21,271,145	\$ 0.1853						\$ 3.3777	\$ 3.3777	\$ 1.6307	\$ 1.7470
<b>Total</b>	<b>\$ 384,056,279</b>	<b>\$ 76,811,256</b>	<b>212,566,241</b>										
<b>ISO-wide</b>	<b>\$ 307,245,023</b>	<b>\$ 371,345,740</b>	<b>212,566,241</b>	<b>\$ 3.1924</b>					<b>\$ 1.4454</b>				

## April 04, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

**STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden.** Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] =[4]	[24] =[3]	[25] =[7]	[26] =[24] x [25]	[27] =[6]	[28] =[24] x [27]	[29] =[26] - [28]
PGE N	92,136,595	\$ 1.7876	\$ 164,699,136	\$ 1.7107	\$ 157,620,655	\$ 7,078,481
SCE EC	91,670,569	\$ 1.8624	\$ 170,724,638	\$ 1.7384	\$ 159,363,861	\$ 11,360,777
SDGE S	21,271,145	\$ 1.6307	\$ 34,687,195	\$ 0.9265	\$ 19,708,518	\$ 14,978,677
Anaheim EC	2,766,313	\$ 1.8624	\$ 5,151,902	\$ 7.8337	\$ 21,670,561	\$ (16,518,659)
Azusa EC	239,575	\$ 1.8624	\$ 446,178	\$ 4.2110	\$ 1,008,851	\$ (562,674)
Banning EC	139,457	\$ 1.8624	\$ 259,721	\$ 5.9522	\$ 830,074	\$ (570,354)
Pasadena EC	1,239,884	\$ 1.8624	\$ 2,309,124	\$ 7.0224	\$ 8,706,949	\$ (6,397,825)
Riverside EC	1,814,019	\$ 1.8624	\$ 3,378,377	\$ 7.5413	\$ 13,680,083	\$ (10,301,706)
Vernon EC	1,288,684	\$ 1.8624	\$ 2,400,008	\$ 1.1382	\$ 1,466,726	\$ 933,282
<b>ISO Total</b>	<b>212,566,241</b>		<b>\$ 384,056,279</b>		<b>\$ 384,056,279</b>	<b>\$ 0</b>

**STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.**

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOUs' Burden Exceeds IOUs' Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
[30] =[29]	[31]	[32] IF ([31] - [30] > 0) = [31] - [30]. if no cap, then 0.	[33] IF [30] - [31] > 0 = [30] - [31]. if no cap, then 0.	[34] IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] = [34] - [33]	[36] = [30] + [35]	[37] Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] = [35] + [37]	[39] = [36] + [37]	[40] = [38] / [24]
PGE \$ 7,078,481	\$ 32,000,000	\$ 24,921,519	\$ 0	\$ 4,327,805	\$ 4,327,805	\$ 11,406,287	\$ 3,860,921	\$ 8,188,726	\$ 15,267,208	\$ 0.0889
SCE \$ 11,360,777	\$ 32,000,000	\$ 20,639,223	\$ 0	\$ 3,584,153	\$ 3,584,153	\$ 14,944,930	\$ 322,277	\$ 3,906,430	\$ 15,267,208	\$ 0.0426
SDGE \$ 14,978,677	\$ 8,000,000	\$ 0	\$ 6,978,677	\$ 0	\$ (6,978,677)	\$ 8,000,000	\$ (4,183,198)	\$ (11,161,875)	\$ 3,816,802	\$ (0.5247)
Anaheim \$ (16,518,659)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (16,518,659)	\$ 0	\$ 0	\$ (16,518,659)	\$ 0
Azusa \$ (562,674)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (562,674)	\$ 0	\$ 0	\$ (562,674)	\$ 0
Banning \$ (570,354)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (570,354)	\$ 0	\$ 0	\$ (570,354)	\$ 0
Pasadena \$ (6,397,825)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (6,397,825)	\$ 0	\$ 0	\$ (6,397,825)	\$ 0
Riverside \$ (10,301,706)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (10,301,706)	\$ 0	\$ 0	\$ (10,301,706)	\$ 0
Vernon \$ 933,282	\$ 0	\$ 0	\$ 933,282	\$ 0	\$ (933,282)	\$ 0	\$ 0	\$ (933,282)	\$ 0	\$ (0.7242)
<b>Total</b>	<b>\$ 72,000,000</b>	<b>\$ 45,560,742</b>	<b>\$ 7,911,959</b>	<b>\$ 7,911,959</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

## April 04, 2008 TAC Rates

### Based on Filed Annual TRR/TRBA and Load Data

**STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.**

	Filed Annual TRR New HV Facilities (\$) [41] =[2]	ISO Wide Annual Gross Load (MWh) [42] =[3]	New HVTRR Rate (\$/MWh) [43] =[15]/[16]	New HVTRR Cost Responsibility (\$) [44] =[42] * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] =[44] - [41]	Total Access Charge (Benefit)/Burden (\$) [46] =[45] + [39]
PGE	\$ 179,098,145	92,136,595	\$ 1.7470	\$ 160,959,388	\$ (18,138,757)	\$ (2,871,549)
SCE	\$ 94,316,942	91,670,569	\$ 1.7470	\$ 160,145,257	\$ 65,828,315	\$ 81,095,522
SDGE	\$ 65,557,597	21,271,145	\$ 1.7470	\$ 37,159,942	\$ (28,397,655)	\$ (24,580,854)
Anaheim	\$ -	2,766,313	\$ 1.7470	\$ 4,832,651	\$ 4,832,651	\$ (11,686,007)
Azusa	\$ -	239,575	\$ 1.7470	\$ 418,529	\$ 418,529	\$ (144,145)
Banning	\$ -	139,457	\$ 1.7470	\$ 243,626	\$ 243,626	\$ (326,727)
Pasadena	\$ -	1,239,884	\$ 1.7470	\$ 2,166,034	\$ 2,166,034	\$ (4,231,791)
Riverside	\$ -	1,814,019	\$ 1.7470	\$ 3,169,027	\$ 3,169,027	\$ (7,132,679)
Vernon	\$ -	1,288,684	\$ 1.7470	\$ 2,251,286	\$ 2,251,286	\$ 2,251,286
Atlantic P15	\$ 32,373,056	0	\$ 1.7470	\$ 0	\$ (32,373,056)	\$ (32,373,056)
<b>Total</b>	<b>\$ 371,345,740</b>	<b>212,566,241</b>		<b>\$ 371,345,740</b>	<b>\$ 0</b>	<b>\$ 0</b>

## ATTACHMENT C

## April 23, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on the FERC Order on PG&Es Offer of Settlement (Docket No. ER07-1213)

**TAC Components:**

	Filed Annual TRR Existing HV Facilities (\$) [1]	Filed Annual TRR New HV Facilities (\$) [2]	Filed Annual Gross Load (MWh) [3]	TAC Area [4]	Total Filed TRR (\$) = [1] + [2] [5]	EHVF only Utility Specific Rate (\$/MWh) = [1] / [3] [6]	EHVF only TAC Area Rate (\$/MWh) = [21] [7]	HV Utility Specific Rate (\$/MWh) = [5] / [3] [8]	TAC Area Rate (\$/MWh) = [19] [9]
PGE	\$ 157,620,655	\$ 179,098,145	92,136,595	N	\$ 336,718,800	\$ 1.7107	\$ 1.7792	\$ 3.6546	\$ 3.5490
SCE	\$ 159,363,861	\$ 94,316,942	91,670,569	EC	\$ 253,680,803	\$ 1.7384	\$ 1.8496	\$ 2.7673	\$ 3.6315
SDGE	\$ 19,708,518	\$ 65,557,597	21,271,145	S	\$ 85,266,115	\$ 0.9265	\$ 1.6224	\$ 4.0085	\$ 3.3921
Anaheim	\$ 21,670,561	\$ -	2,766,313	EC	\$ 21,670,561	\$ 7.8337	\$ 1.8496	\$ 7.8337	\$ 3.6315
Azusa	\$ 1,008,851	\$ -	239,575	EC	\$ 1,008,851	\$ 4.2110	\$ 1.8496	\$ 4.2110	\$ 3.6315
Banning	\$ 830,074	\$ -	139,457	EC	\$ 830,074	\$ 5.9522	\$ 1.8496	\$ 5.9522	\$ 3.6315
Pasadena	\$ 8,706,949	\$ -	1,239,884	EC	\$ 8,706,949	\$ 7.0224	\$ 1.8496	\$ 7.0224	\$ 3.6315
Riverside	\$ 13,680,083	\$ -	1,814,019	EC	\$ 13,680,083	\$ 7.5413	\$ 1.8496	\$ 7.5413	\$ 3.6315
Vernon	\$ (746,419)	\$ -	1,288,684	EC	\$ (746,419)	\$ (0.5792)	\$ 1.8496	\$ (0.5792)	\$ 3.6315
Atlantic P15	\$ -	\$ 32,373,056	-	N	\$ 32,373,056	\$ -	\$ -	\$ -	\$ 3.5490
Startrans	\$ 6,055,879	\$ -	-	EC	\$ 6,055,879	\$ -	\$ 1.8496	\$ -	\$ 3.6315
<b>ISO Total</b>	<b>\$ 387,899,013</b>	<b>\$ 371,345,740</b>	<b>212,566,241</b>		<b>\$ 759,244,753</b>				

**STEP 1: Calculate the Access Charge Rate for each TAC Area.**

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (20%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (80%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) [10] = [1]	Annual TAC Area TRR (\$) [11] = [10] x 20%	Annual TAC Area TRR (w/Load) (\$) [11B] = ([10] w/Load) x 20%	Annual Gross Load (MWh) [12] = [3]	TAC Area Rate (\$/MWh) [13] = [11] / [12]	TAC Area Rate (TRR w/Load) (\$/MWh) [13B] = [11B] / [12]			Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] = [13] + [18]	New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] = [15] / [16]															
North	\$ 157,620,655	\$ 31,524,131	\$ 31,524,131	92,136,595	\$ 0.3421	\$ 0.3421	<table border="1"> <tr> <td><b>TAC Rate (TAC Area + ISO Wide) (\$/MWh)</b> [19] = [13] + [17]</td> <td><b>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh)</b> [20] = [19]</td> <td><b>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh)</b> [21] = [13] + [18]</td> <td><b>New HV Facilities (NHVF) only TAC Rate (\$/MWh)</b> [22] = [15] / [16]</td> </tr> <tr> <td>North</td> <td>\$ 3.5490</td> <td>\$ 3.5490</td> <td>\$ 1.7470</td> </tr> <tr> <td>East/Central</td> <td>\$ 3.6315</td> <td>\$ 3.6315</td> <td>\$ 1.7470</td> </tr> <tr> <td>South</td> <td>\$ 3.3921</td> <td>\$ 3.3921</td> <td>\$ 1.7470</td> </tr> </table>	<b>TAC Rate (TAC Area + ISO Wide) (\$/MWh)</b> [19] = [13] + [17]	<b>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh)</b> [20] = [19]	<b>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh)</b> [21] = [13] + [18]	<b>New HV Facilities (NHVF) only TAC Rate (\$/MWh)</b> [22] = [15] / [16]	North	\$ 3.5490	\$ 3.5490	\$ 1.7470	East/Central	\$ 3.6315	\$ 3.6315	\$ 1.7470	South	\$ 3.3921	\$ 3.3921	\$ 1.7470		
<b>TAC Rate (TAC Area + ISO Wide) (\$/MWh)</b> [19] = [13] + [17]	<b>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh)</b> [20] = [19]	<b>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh)</b> [21] = [13] + [18]	<b>New HV Facilities (NHVF) only TAC Rate (\$/MWh)</b> [22] = [15] / [16]																						
North	\$ 3.5490	\$ 3.5490	\$ 1.7470																						
East/Central	\$ 3.6315	\$ 3.6315	\$ 1.7470																						
South	\$ 3.3921	\$ 3.3921	\$ 1.7470																						
East/C	\$ 210,569,840	\$ 42,113,968	\$ 40,902,792	99,158,501	\$ 0.4247	\$ 0.4125																			
South	\$ 19,708,518	\$ 3,941,704	\$ 3,941,704	21,271,145	\$ 0.1853	\$ 0.1853																			
<b>Total</b>	<b>\$ 387,899,013</b>	<b>\$ 77,579,803</b>	<b>\$ 76,368,627</b>	<b>212,566,241</b>																					
	ISO Wide TRR Existing HV Facilities (\$) [14] Total ([10]) x 80%	ISO Wide TRR EHVF w/Load (\$) [14B] Total ([11]) x 80%	ISO Wide TRR New HV Facilities (\$) [15] = Total [2]	ISO Wide Annual Gross Load (MWh) [16] = Total [3]	ISO Wide Rate (\$/MWh) [17] = ([14] + [15]) / [16]	EHVF ISO-Wide Rate TRR w/Load only (\$/MWh) [18] = ([14B]) / [16]																			
<b>ISO-wide</b>	<b>\$ 310,319,210</b>	<b>\$ 305,474,507</b>	<b>\$ 371,345,740</b>	<b>212,566,241</b>	<b>\$ 3.2068</b>	<b>\$ 1.4371</b>																			

## April 23, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

**STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden.** Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] = [4]	[24] = [3]	[25] = [7]	[26] = [24] x [25]	[27] = [6]	[28] = [24] x [27]	[29] = [26] - [28]
PGE N	92,136,595	\$ 1.7792	\$ 163,931,708	\$ 1.7107	\$ 157,620,655	\$ 6,311,053
SCE EC	91,670,569	\$ 1.8496	\$ 169,551,888	\$ 1.7384	\$ 159,363,861	\$ 10,188,027
SDGE S	21,271,145	\$ 1.6224	\$ 34,510,022	\$ 0.9265	\$ 19,708,518	\$ 14,801,504
Anaheim EC	2,766,313	\$ 1.8496	\$ 5,116,512	\$ 7.8337	\$ 21,670,561	\$ (16,554,049)
Azusa EC	239,575	\$ 1.8496	\$ 443,113	\$ 4.2110	\$ 1,008,851	\$ (565,739)
Banning EC	139,457	\$ 1.8496	\$ 257,937	\$ 5.9522	\$ 830,074	\$ (572,138)
Pasadena EC	1,239,884	\$ 1.8496	\$ 2,293,262	\$ 7.0224	\$ 8,706,949	\$ (6,413,687)
Riverside EC	1,814,019	\$ 1.8496	\$ 3,355,170	\$ 7.5413	\$ 13,680,083	\$ (10,324,913)
Vernon EC	1,288,684	\$ 1.8496	\$ 2,383,522	\$ (0.5792)	\$ (746,419)	\$ 3,129,941
Startrans EC	-	\$ 1.8496	\$ 0	\$ 0	\$ 0	\$ 0
<b>ISO Total</b>	<b>212,566,241</b>		<b>\$ 381,843,134</b>		<b>\$ 381,843,134</b>	<b>\$ (0)</b>

**STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.**

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOU's Burden Exceeds IOU's Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
[30] = [29]	[31]	[32] IF ([31] - [30] > 0) = [31] - [30]. If no cap, then 0.	[33] IF [30] - [31] > 0 = [30] - [31]. If no cap, then 0.	[34] IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] = [34] - [33]	[36] = [30] + [35]	[37] Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] = [35] + [37]	[39] = [36] + [37]	[40] = [38] / [24]
\$ 6,311,053	\$ 32,000,000	\$ 25,688,947	\$ 0	\$ 5,371,019	\$ 5,371,019	\$ 11,682,072	\$ 3,620,383	\$ 8,991,402	\$ 15,302,455	\$ 0.0976
\$ 10,188,027	\$ 32,000,000	\$ 21,811,973	\$ 0	\$ 4,560,426	\$ 4,560,426	\$ 14,748,452	\$ 554,003	\$ 5,114,429	\$ 15,302,455	\$ 0.0558
\$ 14,801,504	\$ 8,000,000	\$ 0	\$ 6,801,504	\$ 0	\$ (6,801,504)	\$ 8,000,000	\$ (4,174,386)	\$ (10,975,890)	\$ 3,825,614	\$ (0.5160)
\$ (16,554,049)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (16,554,049)	\$ 0	\$ 0	\$ (16,554,049)	\$ 0
\$ (565,739)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (565,739)	\$ 0	\$ 0	\$ (565,739)	\$ 0
\$ (572,138)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (572,138)	\$ 0	\$ 0	\$ (572,138)	\$ 0
\$ (6,413,687)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (6,413,687)	\$ 0	\$ 0	\$ (6,413,687)	\$ 0
\$ (10,324,913)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (10,324,913)	\$ 0	\$ 0	\$ (10,324,913)	\$ 0
\$ 3,129,941	\$ 0	\$ 0	\$ 3,129,941	\$ 0	\$ (3,129,941)	\$ 0	\$ 0	\$ (3,129,941)	\$ 0	\$ (2.4288)
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total</b>	<b>\$ 72,000,000</b>	<b>\$ 47,500,920</b>	<b>\$ 9,931,445</b>	<b>\$ 9,931,445</b>	<b>\$ (0)</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

**April 23, 2008 TAC Rates**  
**Based on Filed Annual TRR/TRBA and Load Data**

**STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.**

	Filed Annual TRR New HV Facilities (\$) [41] = [2]	ISO Wide Annual Gross Load (MWh) [42] = [3]	New HVTRR Rate (\$/MWh) [43] = ([15]) / [16]	New HVTRR Cost Responsibility (\$) [44] = ([42]) * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] = ([44]) - [41]	Total Access Charge (Benefit)/Burden (\$) [46] = ([45]) + [39]
PGE	\$ 179,098,145	92,136,595	\$ 1.7470	\$ 160,959,388	\$ (18,138,757)	\$ (2,836,302)
SCE	\$ 94,316,942	91,670,569	\$ 1.7470	\$ 160,145,257	\$ 65,828,315	\$ 81,130,770
SDGE	\$ 65,557,597	21,271,145	\$ 1.7470	\$ 37,159,942	\$ (28,397,655)	\$ (24,572,042)
Anaheim	\$ -	2,766,313	\$ 1.7470	\$ 4,832,651	\$ 4,832,651	\$ (11,721,397)
Azusa	\$ -	239,575	\$ 1.7470	\$ 418,529	\$ 418,529	\$ (147,210)
Banning	\$ -	139,457	\$ 1.7470	\$ 243,626	\$ 243,626	\$ (328,511)
Pasadena	\$ -	1,239,884	\$ 1.7470	\$ 2,166,034	\$ 2,166,034	\$ (4,247,653)
Riverside	\$ -	1,814,019	\$ 1.7470	\$ 3,169,027	\$ 3,169,027	\$ (7,155,886)
Vernon	\$ -	1,288,684	\$ 1.7470	\$ 2,251,286	\$ 2,251,286	\$ 2,251,286
Atlantic P15	\$ 32,373,056	0	\$ 1.7470	\$ 0	\$ (32,373,056)	\$ (32,373,056)
<b>Total</b>	<b>\$ 371,345,740</b>	<b>212,566,241</b>		<b>\$ 371,345,740</b>	<b>\$ 0</b>	<b>\$ 0</b>



ATTACHMENT D

## June 01, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on the FERC Order on PG&Es Offer of Settlement (Docket No. ER07-1213)

**TAC Components:**

	Filed Annual TRR Existing HV Facilities (\$) [1]	Filed Annual TRR New HV Facilities (\$) [2]	Filed Annual Gross Load (MWh) [3]	TAC Area [4]	Total Filed TRR (\$) =[1] + [2] [5]	EHV only Utility Specific Rate (\$/MWh) =[1] / [3] [6]	EHV only TAC Area Rate (\$/MWh) =[21] [7]	HV Utility Specific Rate (\$/MWh) =[5] / [3] [8]	TAC Area Rate (\$/MWh) =[19] [9]
PGE	\$ 157,620,655	\$ 179,098,145	92,136,595	N	\$ 336,718,800	\$ 1.7107	\$ 1.7638	\$ 3.6546	\$ 3.5217
SCE	\$ 159,363,861	\$ 94,316,942	91,670,569	EC	\$ 253,680,803	\$ 1.7384	\$ 1.8341	\$ 2.7673	\$ 3.6042
SDGE	\$ 15,599,258	\$ 63,038,002	21,271,145	S	\$ 78,637,260	\$ 0.7334	\$ 1.5683	\$ 3.6969	\$ 3.3262
Anaheim	\$ 21,670,561	\$ -	2,766,313	EC	\$ 21,670,561	\$ 7.8337	\$ 1.8341	\$ 7.8337	\$ 3.6042
Azusa	\$ 1,008,851	\$ -	239,575	EC	\$ 1,008,851	\$ 4.2110	\$ 1.8341	\$ 4.2110	\$ 3.6042
Banning	\$ 830,074	\$ -	139,457	EC	\$ 830,074	\$ 5.9522	\$ 1.8341	\$ 5.9522	\$ 3.6042
Pasadena	\$ 8,706,949	\$ -	1,239,884	EC	\$ 8,706,949	\$ 7.0224	\$ 1.8341	\$ 7.0224	\$ 3.6042
Riverside	\$ 13,680,083	\$ -	1,814,019	EC	\$ 13,680,083	\$ 7.5413	\$ 1.8341	\$ 7.5413	\$ 3.6042
Vernon	\$ (746,419)	\$ -	1,288,684	EC	\$ (746,419)	\$ (0.5792)	\$ 1.8341	\$ (0.5792)	\$ 3.6042
Atlantic P15	\$ -	\$ 32,373,056	-	N	\$ 32,373,056	\$ -	\$ -	\$ -	\$ 3.5217
Startrans	\$ 6,055,879	\$ -	-	EC	\$ 6,055,879	\$ -	\$ 1.8341	\$ -	\$ 3.6042
<b>ISO Total</b>	<b>\$ 383,789,753</b>	<b>\$ 368,826,145</b>	<b>212,566,241</b>		<b>\$ 752,615,898</b>				

**STEP 1: Calculate the Access Charge Rate for each TAC Area.**

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (20%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (80%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) [10] =[1]	Annual TAC Area TRR (\$) [11] =[10] x 20%	Annual TAC Area TRR (w/Load) (\$) [11B] =[10] w/Load) x 20%	Annual Gross Load (MWh) [12] =[3]	TAC Area Rate (\$/MWh) [13] =[11] / [12]	TAC Area Rate (TRR w/Load) (\$/MWh) [13B] =[11B] / [12]			Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] =[13B] + [18]	New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] =[15] / [16]															
North	\$ 157,620,655	\$ 31,524,131	\$ 31,524,131	92,136,595	\$ 0.3421	\$ 0.3421	<table border="1"> <tr> <td><b>TAC Rate (TAC Area + ISO Wide) (\$/MWh)</b> [19] =[13] + [17]</td> <td><b>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh)</b> [20] =[19]</td> <td><b>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh)</b> [21] =[13B] + [18]</td> <td><b>New HV Facilities (NHVF) only TAC Rate (\$/MWh)</b> [22] =[15] / [16]</td> </tr> <tr> <td>North</td> <td>\$ 3.5217</td> <td>\$ 3.5217</td> <td>\$ 1.7638</td> </tr> <tr> <td>East/Central</td> <td>\$ 3.6042</td> <td>\$ 3.6042</td> <td>\$ 1.8341</td> </tr> <tr> <td>South</td> <td>\$ 3.3262</td> <td>\$ 3.3262</td> <td>\$ 1.5683</td> </tr> </table>	<b>TAC Rate (TAC Area + ISO Wide) (\$/MWh)</b> [19] =[13] + [17]	<b>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh)</b> [20] =[19]	<b>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh)</b> [21] =[13B] + [18]	<b>New HV Facilities (NHVF) only TAC Rate (\$/MWh)</b> [22] =[15] / [16]	North	\$ 3.5217	\$ 3.5217	\$ 1.7638	East/Central	\$ 3.6042	\$ 3.6042	\$ 1.8341	South	\$ 3.3262	\$ 3.3262	\$ 1.5683		
<b>TAC Rate (TAC Area + ISO Wide) (\$/MWh)</b> [19] =[13] + [17]	<b>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh)</b> [20] =[19]	<b>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh)</b> [21] =[13B] + [18]	<b>New HV Facilities (NHVF) only TAC Rate (\$/MWh)</b> [22] =[15] / [16]																						
North	\$ 3.5217	\$ 3.5217	\$ 1.7638																						
East/Central	\$ 3.6042	\$ 3.6042	\$ 1.8341																						
South	\$ 3.3262	\$ 3.3262	\$ 1.5683																						
East/C	\$ 210,569,840	\$ 42,113,968	\$ 40,902,792	99,158,501	\$ 0.4247	\$ 0.4125																			
South	\$ 15,599,258	\$ 3,119,852	\$ 3,119,852	21,271,145	\$ 0.1467	\$ 0.1467																			
<b>Total</b>	<b>\$ 383,789,753</b>	<b>\$ 76,757,951</b>	<b>\$ 75,546,775</b>	<b>212,566,241</b>																					
	ISO Wide TRR Existing HV Facilities (\$) [14] Total ([10]) x 80%	ISO Wide TRR EHV w/Load (\$) [14B] Total ([11]) x 80%	ISO Wide TRR New HV Facilities (\$) [15] = Total [2]	ISO Wide Annual Gross Load (MWh) [16] = Total [3]	ISO Wide Rate (\$/MWh) [17] =[14] + [15] / [16]	EHVF ISO-Wide Rate TRR w/Load only (\$/MWh) [18] =[14B] / [16]																			
<b>ISO-wide</b>	<b>\$ 307,031,802</b>	<b>\$ 302,187,099</b>	<b>\$ 368,826,145</b>	<b>212,566,241</b>	<b>\$ 3.1795</b>	<b>\$ 1.4216</b>																			

## June 01, 2008 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

**STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden.** Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] = [4]	[24] = [3]	[25] = [7]	[26] = [24] x [25]	[27] = [6]	[28] = [24] x [27]	[29] = [26] - [28]
PGE N	92,136,595	\$ 1.7638	\$ 162,506,785	\$ 1.7107	\$ 157,620,655	\$ 4,886,130
SCE EC	91,670,569	\$ 1.8341	\$ 168,134,172	\$ 1.7384	\$ 159,363,861	\$ 8,770,311
SDGE S	21,271,145	\$ 1.5683	\$ 33,359,205	\$ 0.7334	\$ 15,599,258	\$ 17,759,947
Anaheim EC	2,766,313	\$ 1.8341	\$ 5,073,730	\$ 7.8337	\$ 21,670,561	\$ (16,596,830)
Azusa EC	239,575	\$ 1.8341	\$ 439,408	\$ 4.2110	\$ 1,008,851	\$ (569,444)
Banning EC	139,457	\$ 1.8341	\$ 255,780	\$ 5.9522	\$ 830,074	\$ (574,294)
Pasadena EC	1,239,884	\$ 1.8341	\$ 2,274,087	\$ 7.0224	\$ 8,706,949	\$ (6,432,862)
Riverside EC	1,814,019	\$ 1.8341	\$ 3,327,116	\$ 7.5413	\$ 13,680,083	\$ (10,352,967)
Vernon EC	1,288,684	\$ 1.8341	\$ 2,363,592	\$ (0.5792)	\$ (746,419)	\$ 3,110,011
Startrans EC	-	\$ 1.8341	\$ 0	\$ 0	\$ 0	\$ 0
<b>ISO Total</b>	<b>212,566,241</b>		<b>\$ 377,733,874</b>		<b>\$ 377,733,874</b>	<b>\$ 0</b>

**STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.**

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOU's Burden Exceeds IOU's Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
[30] = [29]	[31]	[32] IF ([31] - [30] > 0) = [31] - [30]. If no cap, then 0.	[33] IF [30] - [31] > 0 = [30] - [31]. If no cap, then 0.	[34] IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] = [34] - [33]	[36] = [30] + [35]	[37] Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] = [35] + [37]	[39] = [36] + [37]	[40] = [38] / [24]
\$ 4,886,130	\$ 32,000,000	\$ 27,113,870	\$ 0	\$ 6,931,460	\$ 6,931,460	\$ 11,817,590	\$ 3,527,476	\$ 10,458,936	\$ 15,345,066	\$ 0.1135
\$ 8,770,311	\$ 32,000,000	\$ 23,229,689	\$ 0	\$ 5,938,498	\$ 5,938,498	\$ 14,708,808	\$ 636,257	\$ 6,574,755	\$ 15,345,066	\$ 0.0717
\$ 17,759,947	\$ 8,000,000	\$ 0	\$ 9,759,947	\$ 0	\$ (9,759,947)	\$ 8,000,000	\$ (4,163,734)	\$ (13,923,680)	\$ 3,836,266	\$ (0.6546)
\$ (16,596,830)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (16,596,830)	\$ 0	\$ 0	\$ (16,596,830)	\$ 0
\$ (569,444)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (569,444)	\$ 0	\$ 0	\$ (569,444)	\$ 0
\$ (574,294)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (574,294)	\$ 0	\$ 0	\$ (574,294)	\$ 0
\$ (6,432,862)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (6,432,862)	\$ 0	\$ 0	\$ (6,432,862)	\$ 0
\$ (10,352,967)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (10,352,967)	\$ 0	\$ 0	\$ (10,352,967)	\$ 0
\$ 3,110,011	\$ 0	\$ 0	\$ 3,110,011	\$ 0	\$ (3,110,011)	\$ 0	\$ 0	\$ (3,110,011)	\$ 0	\$ (2.4133)
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total</b>	<b>\$ 0</b>	<b>\$ 72,000,000</b>	<b>\$ 50,343,560</b>	<b>\$ 12,869,958</b>	<b>\$ 12,869,958</b>	<b>\$ (0)</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

**June 01, 2008 TAC Rates**  
**Based on Filed Annual TRR/TRBA and Load Data**

**STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.**

	Filed Annual TRR New HV Facilities (\$) [41] = [2]	ISO Wide Annual Gross Load (MWh) [42] = [3]	New HVTRR Rate (\$/MWh) [43] = ([15]) / [16]	New HVTRR Cost Responsibility (\$) [44] = ([42]) * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] = ([44]) - [41]	Total Access Charge (Benefit)/Burden (\$) [46] = ([45]) + [39]
PGE	\$ 179,098,145	92,136,595	\$ 1.7351	\$ 159,867,272	\$ (19,230,873)	\$ (3,885,807)
SCE	\$ 94,316,942	91,670,569	\$ 1.7351	\$ 159,058,665	\$ 64,741,723	\$ 80,086,789
SDGE	\$ 63,038,002	21,271,145	\$ 1.7351	\$ 36,907,810	\$ (26,130,192)	\$ (22,293,926)
Anaheim	\$ -	2,766,313	\$ 1.7351	\$ 4,799,862	\$ 4,799,862	\$ (11,796,969)
Azusa	\$ -	239,575	\$ 1.7351	\$ 415,689	\$ 415,689	\$ (153,755)
Banning	\$ -	139,457	\$ 1.7351	\$ 241,973	\$ 241,973	\$ (332,321)
Pasadena	\$ -	1,239,884	\$ 1.7351	\$ 2,151,337	\$ 2,151,337	\$ (4,281,525)
Riverside	\$ -	1,814,019	\$ 1.7351	\$ 3,147,525	\$ 3,147,525	\$ (7,205,442)
Vernon	\$ -	1,288,684	\$ 1.7351	\$ 2,236,011	\$ 2,236,011	\$ 2,236,011
Atlantic P15	\$ 32,373,056	0	\$ 1.7351	\$ 0	\$ (32,373,056)	\$ (32,373,056)
<b>Total</b>	<b>\$ 368,826,145</b>	<b>212,566,241</b>		<b>\$ 368,826,145</b>	<b>\$ 0</b>	<b>\$ 0</b>