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FEDERAL ENERGY  
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September 30, 2003

ER03-1404-000

The Honorable Magalie R. Salas  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**Re: California Independent System Operator Corporation  
Docket No. ER03-\_\_\_\_ - 000**

**Transmission Access Charge Informational Filing**

Dear Secretary Salas:

The enclosed informational filing by the California Independent System Operator Corporation ("ISO") is intended to provide notice regarding the updated transmission Access Charges that reflect a revision in its transmission Access Charge rates to account for the changes to the rates of San Diego Gas & Electric Company ("SDG&E"), specifically, those resulting from the Transmission Owner Tariff proceeding in Docket No. ER03-601-000.<sup>1</sup>

Changes in Rates

The transmission Access Charges provided in the present filing updates the Access Charges and Wheeling Access Charges provided for informational purposes in the ISO's submission of September 17, 2003 in Docket No. ER03-1357-000. The changes in the present filing are effective October 1, 2003, coincident with the effectiveness of SDG&E's Transmission Owner Tariff.

<sup>1</sup> See *San Diego Gas & Electric Company* 103 FERC ¶ 61,115 (2003) at P 1. This order accepted SDG&E's filing of a revised Transmission Owner Tariff, suspended the filing, and made it effective October 1, 2003.

Worksheets illustrating the recalculation of the ISO's transmission Access Charge are included with the present transmittal letter as Attachment A. The recalculated rates for each of the TAC Areas, effective October 1, 2003, are as follows:

Northern Area -	\$ 2.3206/MWh
East Central Area -	\$ 2.7646/MWh
Southern Area -	\$ 2.6278/MWh

Additionally, the ISO provides, in Attachment B to the present filing, a form of notice suitable for publication in the Federal Register, which is also provided in electronic form on the enclosed diskette.

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:

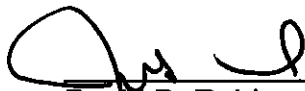
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\*Individuals designated for service pursuant to Rule 203(b)(3),  
18 C.F.R. § 385.203(b)(3).

The ISO has served copies of this transmittal letter and all attachments hereto on the Public Utilities Commission of the State of California, the California Energy Commission, the California Electricity Oversight Board, the Participating Transmission Owners, and on all parties with effective Scheduling Coordinator Service Agreements under the ISO Tariff. In addition, the ISO is posting this transmittal letter and all attachments on the ISO Home Page.

Two additional copies of this filing are enclosed to be date-stamped and returned to our messenger. If there are any questions concerning this filing, please contact the undersigned.

Respectfully submitted,



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Charles F. Robinson  
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The California Independent System  
Operator Corporation  
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## ATTACHMENT A

### October 1, 2003 TAC Rate Based on Filed Annual TRR/TRBA and Load Data

**TAC Components:**

	Filed Annual TRR Existing HV Facilities (\$)	Filed Annual TRR New HV Facilities (\$)	Filed Annual Gross Load (MWh)	TAC Area	Total Filed TRR (\$1000)	EHVF only Utility Specific Rate (\$/MWh)	EHVF only TAC Area Rate (\$/MWh)	HV Utility Specific Rate (\$/MWh)	TAC Area Rate (\$/MWh)
	[1]	[2]	[3]	[4]	[5] = [1] + [2]	[6] = [1] / [3]	[7] = [2] / [3]	[8] = [5] / [3]	[9] = [10] / [3]
<b>RATE @ 10c03</b>									
PG&E	\$ 154,837,354	\$ 48,896,007	82,761,368	N	\$ 203,733,361	1.8709	1.9735	2.4617	2.3206
SCE	\$ 169,946,053	\$ 7,062,648	84,358,000	EC	\$ 177,008,701	2.0146	2.4174	2.0983	2.7646
SDG&E	\$ 44,817,938	\$ 10,882,219	19,404,874	S	\$ 55,700,157	2.3096	2.2806	2.8704	2.6278
Anaheim	\$ 23,665,095	-	2,589,830	EC	\$ 23,665,095	9.1377	2.4174	9.1377	2.7646
Azusa	\$ 1,812,911	-	239,575	EC	\$ 1,812,911	7.5872	2.4174	7.5872	2.7646
Banning	\$ 1,262,005	-	139,457	EC	\$ 1,262,005	9.0494	2.4174	9.0494	2.7646
Riverside	\$ 19,481,736	-	1,814,019	EC	\$ 19,481,736	10.7395	2.4174	10.7395	2.7646
Vernon	\$ 10,175,975	-	1,210,668	EC	\$ 10,175,975	8.4053	2.4174	8.4053	2.7646
<b>Total</b>	<b>\$ 425,999,067</b>	<b>\$ 66,840,874</b>	<b>192,517,791</b>		<b>\$ 492,839,941</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 (70%) divided by the Total Load of each area. The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (30%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$)	Annual TRR TAC Area TRR (\$)	Annual Gross Load (GWh)	TAC Area Rate (\$/MWh)	EHVF only ISO-Wide Rate (\$/MWh)	TAC Rate (TAC Area + ISO Wide) (\$/MWh)	Wheeling Rate (TAC Area + ISO Wide) (\$/MWh)	Existing HV Facilities (EHVF) only TAC Rate (\$/MWh)	
	[10]	[11] = [10] x .70%	[12]	[13] = [11] / [12]	[14] = [15] / [16]	[15] = [13] + [17]	[16] = [13] + [18]	[19] = [13] + [18]	
North	\$ 154,837,354	\$ 108,366,148	82,761,368			North \$ 2.3206	2.3206	1.9735	
East/C	\$ 226,343,775	\$ 158,440,643	90,351,549			East/Central \$ 2.7646	2.7646	2.4174	
South	\$ 44,817,938	\$ 31,372,557	19,404,874			South \$ 2.6278	2.6278	2.2806	
<b>Total</b>	<b>\$ 425,999,067</b>	<b>\$ 298,199,347</b>	<b>192,517,791</b>						
<b>ISO-wide</b>									
	Total [10] x .30%	Total [2]	Total [3]						
	\$ 127,799,720	\$ 66,840,874	192,517,791		\$ 0.6638				

**STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden**

	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 (\$)
	[24]	[24] = [7] / [9]	[25] = [23] x [24]	[26] = [6] / [27]	[27] = [23] x [26]	[28] = [25] - [27]
PG&E	82,761,368	1.9735	\$ 163,325,900	1.8709	\$ 154,837,354	\$ 8,488,546
SCE	84,358,000	2.4174	\$ 203,929,993	2.0148	\$ 169,946,053	\$ 33,983,940
SDG&E	19,404,874	2.2806	\$ 44,254,158	2.3096	\$ 44,817,938	\$ (563,780)

**October 1, 2003 TAC Rate**  
Based on Filed Annual TRR/TRBA and Load Data

Anaheim	EC	2,589,830	\$	2,4174	\$	6,260,746	\$	9,1377	\$	23,665,085	\$	(17,404,349)
Azusa	EC	239,575	\$	2,4174	\$	578,157	\$	7,5672	\$	1,812,911	\$	(1,233,754)
Banning	EC	139,457	\$	2,4174	\$	337,128	\$	9,0494	\$	1,262,005	\$	(924,877)
Riverside	EC	1,814,019	\$	2,4174	\$	4,385,273	\$	10,7395	\$	19,481,736	\$	(15,096,463)
Vernon	EC	1,210,668	\$	2,4174	\$	2,926,711	\$	8,4053	\$	10,176,975	\$	(7,249,264)
<b>Total</b>		<b>192,517,791</b>				<b>425,998,067</b>		<b>425,998,067</b>		<b>0</b>		<b>0</b>

Note: ISO total for Access Charge (Benefit)/Burden may not equal zero due to rounding of TAC Rate

STEP 3: For information only -- Projected annual net benefits/burdens from Access Charge.  
\$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 (\$) [29] = [28]	IOU Burden Annual Cap (\$) [30]	IOUs' Cap Exceeds IOUs' Burden (\$) [31] IF (30) - [29] > 0 = [30] - [29] if no cap, then 0	Amount IOUs' Burden Exceeds IOUs' Cap (\$) [32] IF [29] - [30] > 0 = [29] - [30] if no cap, then 0	Payments by Entities with Net Benefit (\$) [33] IOUs = ([31] / total[31]) x total[32] Munis w/ Benefit = ([29] / total[29]) x total[32] - total[31]	Mitigation Payments (\$) [34] = [33] - [32]	Adjusted Net (Benefit) / Burden (\$) [35] = [29] + [34]	Reallocate IOU Burden (\$) [36] Reallocate IOU Burden [36] so it is proportional to IOU Cap [30] = [36] - [35]	Transition Charge (\$) [37] = [34] + [36]	Adjusted Net (Benefit) / Burden (\$) [38] = [35] + [36]	Transition Charge Rate (\$/MWh) [39] = [37] / [23]
PG&E	\$ 8,488,546	\$ 32,000,000	\$ 23,511,454	\$ 1,454,247	\$ 1,454,247	\$ 9,942,793	\$ 8,683,299	\$ 10,137,546	\$ 18,626,092	\$ 0.1225
SCE	\$ 33,983,940	\$ 32,000,000	\$ 0	\$ (1,983,940)	\$ (1,983,940)	\$ 32,000,000	\$ (13,373,908)	\$ (15,357,849)	\$ 18,626,092	\$ (0.1821)
SDG&E	\$ (563,780)	\$ 8,000,000	\$ 8,563,780	\$ 529,693	\$ 529,693	\$ (34,087)	\$ 4,690,610	\$ 5,220,303	\$ 4,656,523	\$ 0.2690
Anaheim	\$ (17,404,349)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (17,404,349)	\$ 0	\$ 0	\$ (17,404,349)	\$ 0
Azusa	\$ (1,233,754)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (1,233,754)	\$ 0	\$ 0	\$ (1,233,754)	\$ 0
Banning	\$ (924,877)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (924,877)	\$ 0	\$ 0	\$ (924,877)	\$ 0
Riverside	\$ (15,096,463)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (15,096,463)	\$ 0	\$ 0	\$ (15,096,463)	\$ 0
Vernon	\$ (7,249,264)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (7,249,264)	\$ 0	\$ 0	\$ (7,249,264)	\$ 0
<b>Total</b>	<b>0</b>	<b>72,000,000</b>	<b>32,075,234</b>	<b>1,983,940</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(0)</b>	<b>0</b>	<b>0</b>

**1 October 2003 ISO Access Charge Rate**  
**HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS**

PTO	HV TRR	LV TRR	New HV Facilities	New LV Facilities	Total HV Filed TRR	Total LV Filed TRR	Info Only	
							Combined TRR	
PGE	Base TRR	187,595,960	285,448,078	59,240,830		246,836,790	285,448,078	532,284,868
	TRBAA (as of 30Sep02)	(31,871,180)	(12,989,031)	(10,064,583)		(41,935,763)	(12,989,031)	(54,924,794)
	Standby Credit	(887,426)	(1,215,326)	(280,240)		(1,167,666)	(1,215,326)	(2,382,992)
	Total	154,837,354	271,243,721	48,896,007		203,733,361	271,243,721	474,977,082
	Gross Load	82,761,368	82,761,368	82,761,368		82,761,368	82,761,368	82,761,368
SCE	Utility Specific Access Charges (\$/kWh)	1.8709	3.2774	0.5908		2.4617	3.2774	5.7391
	Effective Date	13-Aug-03		13-Aug-03				
	Docket #	ER03-409		ER03-409				
	Base TRR	213,079,025	29,065,800	8,855,175		221,934,200	29,065,800	251,000,000
	TRBAA (as of 30Sep02)	(42,061,674)	(1,850,304)	(1,748,006)		(43,809,680)	(1,850,304)	(45,659,984)
SDGE	Standby Credit	(1,071,298)	(134,259)	(44,521)		(1,115,819)	(134,259)	(1,250,078)
	Total	169,946,053	27,081,237	7,062,648		177,008,701	27,081,237	204,089,938
	Gross Load	84,358,000	84,358,000	84,358,000		84,358,000	84,358,000	84,358,000
	Utility Specific Access Charges (\$/kWh)	2.0146	0.3210	0.0837		2.0983	0.3210	2.4193
	Effective Date	1-Sep-02 ER02-925		1-Sep-02				
Vernon	Docket #	1-Jan-03 ER03-338		ER02-925				
	Base TRR	57,202,000	57,800,000	11,035,000	17,705,000	68,237,000	75,505,000	143,742,000
	TRBAA (as of 30Sep02)	(12,142,035)	1,622,943	(103,442)	518,608	(12,245,477)	2,141,551	(10,103,926)
	Standby Credit	(242,027)	(244,557)	(49,339)	(78,077)	(291,366)	(322,634)	(614,000)
	Total	44,817,938	59,178,386	10,882,219	18,145,531	55,700,157	77,323,917	133,024,074
Vernon	Gross Load	19,404,874	19,404,874	19,404,874	19,404,874	19,404,874	19,404,874	19,404,874
	Utility Specific Access Charges (\$/kWh)	2.3096	3.0497	0.5608	0.9351	2.8704	3.9848	6.8552
	Effective Date	1-Oct-03		1-Oct-03				
	Docket #	ER03-601		ER03-601				
	Base TRR	10,216,178				10,216,178		10,216,178
Vernon	TRBAA (as of 30Sep02)	(40,203)				(40,203)		(40,203)
	Standby Credit	-				-		-
	Total	10,175,975				10,175,975		10,175,975
	Gross Load	1,210,668				1,210,668		1,210,668
	Utility Specific Access Charges (\$/kWh)	8.4053				8.4053		8.4053
Effective Date	1-Jan-03							
Docket #	EL03-31							

**1 October 2003 ISO Access Charge Rate**  
**HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS**

PTO	HV TRR	LV TRR	New HV Facilities	New LV Facilities	Total HV Filed TRR	Total LV Filed TRR	Info Only	
							Combined TRR	
Anahelm	Base TRR	23,980,095			23,980,095		23,980,095	
	TRBAA (as of 01Jan03)	(315,000)			(315,000)		(315,000)	
	Standby Credit	-			-		-	
	Total	23,665,095			23,665,095		23,665,095	
	Gross Load	2,589,830			2,589,830		2,589,830	
	Utility Specific Access Charges (\$/kWh)	9.1377			9.1377		9.1377	
Effective Date	1-Jan-03							
Docket #	EL03-15							
Azusa	Base TRR	1,895,199			1,895,199		1,895,199	
	TRBAA (as of 01Jan03)	(82,288)			(82,288)		(82,288)	
	Standby Credit	-			-		-	
	Total	1,812,911			1,812,911		1,812,911	
	Gross Load	239,575			239,575		239,575	
	Utility Specific Access Charges (\$/kWh)	7.5672			7.5672		7.5672	
Effective Date	1-Jan-03							
Docket #	EL03-14							
Banning	Base TRR	1,300,156	61,208		1,300,156	61,208	1,361,364	
	TRBAA (as of 01Jan03)	(38,151)	-		(38,151)	-	(38,151)	
	Standby Credit	-	-		-	-	-	
	Total	1,262,005	61,208		1,262,005	61,208	1,323,213	
	Gross Load	139,457	139,457		139,457	139,457	139,457	
	Utility Specific Access Charges (\$/kWh)	9.0494	0.4389		9.0494	0.4389	9.4883	
Effective Date	1-Jan-03							
Docket #	EL03-21							
Riverside	Base TRR	19,754,736			19,754,736		19,754,736	
	TRBAA (as of 01Jan03)	(273,000)			(273,000)		(273,000)	
	Standby Credit	-			-		-	
	Total	19,481,736			19,481,736		19,481,736	
	Gross Load	1,814,019			1,814,019		1,814,019	
	Utility Specific Access Charges (\$/kWh)	10.7395			10.7395		10.7395	
Effective Date	1-Jan-03							
Docket #	EL03-20							
For Information Only								
Total CAISO Grid	Base TRR	515,023,349	372,375,086	79,131,005	17,705,000	594,154,354	390,080,086	984,234,440
	TRBAA (as of 01Jan03)	(86,823,531)	(13,216,392)	(11,916,031)	518,608	(98,739,562)	(12,697,784)	(111,437,346)
	Standby Credit	(2,200,751)	(1,594,142)	(374,100)	(78,077)	(2,574,851)	(1,672,219)	(4,247,070)
	Total	425,999,067	357,564,552	66,840,874	18,145,531	492,839,941	375,710,083	868,550,024
	Gross Load	192,517,791	186,663,699	186,524,242	19,404,874	192,517,791	186,663,699	192,517,791
Utility Specific Access Charges (\$/kWh)	2.2128	1.9156	0.3583	0.9351	2.5600	2.0128	4.5115	



## ATTACHMENT B

**NOTICE SUITABLE FOR PUBLICATION IN THE  
FEDERAL REGISTER**

**UNITED STATES OF AMERICA  
BEFORE THE  
FEDERAL ENERGY REGULATORY COMMISSION**

**California Independent System  
Operator Corporation**

)

**Docket No. ER03-\_\_\_\_\_ -000**

**Notice of Filing**

[ ]

Take notice that, on September 30, 2003, the California Independent System Operator Corporation ("ISO") submitted an informational filing as to the ISO's updated transmission Access Charge rates effective as of October 1, 2003.

The ISO states that this filing has been served upon the Public Utilities Commission of the State of California, the California Energy Commission, the California Electricity Oversight Board, the Participating Transmission Owners, and upon all parties with effective Scheduling Coordinator Service Agreements under the ISO Tariff. In addition, the ISO is posting the filing on the ISO Home Page.

Any person desiring to be heard or to protest the filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 C.F.R. §§ 385.211 and 385.214). All such motions or protests must be filed in accordance with § 35.9 of the Commission's regulations. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection in the Public Reference Room. Copies of this filing also may be viewed on the Commission's web site at <http://www.ferc.gov>, using the eLibrary (FERRIS) link. Enter the docket number excluding the last three digits in the docket number field to access the document. For assistance, please contact FERC Online Support at [FERCOnlineSupport@ferc.gov](mailto:FERCOnlineSupport@ferc.gov) or toll-free at (866)208-3676, or for TTY, contact (202)502-8659. Protests and interventions may be filed electronically via the Internet in lieu of paper; see 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's web site under the "e-Filing" link. The Commission strongly encourages electronic filings.

Comment Date: \_\_\_\_\_