

# ATTACHMENT D

### TAC Rate - Effective July 1, 2002 Rate (Based on Only Annual TRR and Load Data)

Option 1: Rates to be Effective until Effective Date of next TRR Filing by a PTO or January 1, 2003  
(No Refunds Included in Rate Calculation)

TAC Components:

	Filed Annual TRR for Existing HV Facilities (\$)	TRBA Adjmt based on prorated TRR (\$)	Filed Annual TRR for New HV Facilities (\$)	Filed Annual Gross Load (MWh)	TAC Area	Total filed TRR (\$1000)	HV Utility Specific Rate (\$/MWH)	TAC Area Rate (\$/MWH)
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
						= [1] + [2] + [3]	= [7] / [4]	= [8] / [7]
<b>RATE @ 1Jul02</b>								
PG&E	\$ 191,836,100	\$ -	\$ -	85,707,000	N	\$ 191,836,100	\$ 2.2383	\$ 2.2050
SCE	\$ 127,918,887	\$ -	\$ -	78,427,896	EC	\$ 127,918,887	\$ 1.6310	\$ 1.7984
SDG&E	\$ 45,916,380	\$ -	\$ 750,760	17,700,683	S	\$ 46,667,140	\$ 2.6365	\$ 2.4896
Vernon	\$ 9,852,130	\$ -	\$ -	1,210,668	EC	\$ 9,852,130	\$ 8.1378	\$ 1.7984
<b>Total</b>	<b>\$ 375,523,497</b>	<b>\$ -</b>	<b>\$ 750,760</b>	<b>183,046,247</b>		<b>\$ 376,274,257</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

	Annual TRR of Existing HV Facilities (\$)	Annual TAC Area TRR (\$)	Annual Gross Load (GWH)	TAC-Area Rate (\$/MWH)	Wheeling Rate for TAC Area (\$/MWH)
	[9]	[10]	[11]	[12]	[17]
	= [1] + [2]	= [9] x 80%	[4]	= [10] / [11]	= [12] + [16]
North	\$ 191,836,100	\$ 153,468,880	85,707,000	\$ 1.7906	\$ 2.21
East/C	\$ 137,771,017	\$ 110,216,814	79,638,564	\$ 1.3840	\$ 1.80
South	\$ 45,916,380	\$ 36,733,104	17,700,683	\$ 2.0752	\$ 2.49
<b>Total</b>	<b>\$ 375,523,497</b>	<b>\$ 300,418,798</b>	<b>183,046,247</b>		
ISO-Wide TRR of Existing HV Facilities (\$)	[13]	TRR of New HV Facilities (\$)	[14]	ISO-Wide Rate (\$/MWH)	[16]
Total [9] x 20%	[13]	Total [3]	[14]	= [13] / [14]	[15]
<b>ISO-wide</b>	<b>\$ 75,104,699</b>	<b>\$ 750,760</b>	<b>183,046,247</b>	<b>\$ 0.4144</b>	

STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden (Based on Revised Rate)

	TAC Area	Filed Gross Load (MWh)	TAC Area Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	Utility Specific Rate (\$/MWH)	Would Have Paid w/ Utility Specific Rate (\$)	Access Charge (Benefit)/Burden (\$)
	[18]	[19]	[20]	[21]	[22]	[23]	[24]
	= [5]	= [4]	= [8]	= [19] x [20]	= [7]	= [19] x [22]	= [21] - [23]
PG&E	N	85,707,000	2.2050	\$ 188,986,373	\$ 2.2383	\$ 191,836,100	\$ (2,849,727)

**TAC Rate - Effective July 1, 2002  
Rate (Based on Only Annual TRR and Load Data)**

**Option 1:** Rates to be Effective until Effective Date of next TRR Filing by a PTO or January 1, 2003

		(No Refunds Included in Rate Calculation)	
SCE	EC	78,427,896 \$	1,7984 \$
SDG&E	S	17,700,683 \$	2,4896 \$
Vernon	EC	1,210,668 \$	1,7984 \$
<b>Total</b>		<b>183,046,247</b>	<b>376,274,257 \$</b>

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

**STEP 3: For Information Only -- Estimated annual GMC (Benefit) Burden based on increased ISO participation. (No longer applicable.)**

**STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge. (Based on Option 1)**

\$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.

	Access Charge (Benefit)/ Burden (\$)	Annual Cap on IOU Burden (\$)	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 of IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) Burden (\$)	Transition Charge Rate (\$/MWh)
	[23]	[26]	[27]	[28]	[29]	[30]	[31]	[32]	[33]	[34]	[35]
	= [24]	IF [26] - [25] > 0 = [26] - [25] If no cap, then 0.	IF [27] - [25] > 0 = [27] - [25] If no cap, then 0.	IF [25] - [26] > 0 = [25] - [26] If no cap, then 0.	IOUs = ([27] / total[27]) x total[28]. Munis = ([25] / total[25]) x total[28] - total[27]	= [29] - [28]	= [25] + [30]	Reallocate IOU Burden [34] so it is proportional to IOU Cap [26] = [34] - [31]	= [28] + [30] + [32]	= [33] + [31]	= [33] / [19]
PG&E	\$ (2,849,727)	\$ 32,000,000	\$ 34,849,727	\$ 0	\$ 0	\$ 0	\$ (2,849,727)	\$ 6,260,794	\$ 6,260,794	\$ 3,411,068	\$ 0.0730
SCE	\$ 13,123,396	\$ 32,000,000	\$ 18,876,604	\$ 0	\$ 0	\$ 0	\$ 13,123,396	\$ (9,712,328)	\$ (9,712,328)	\$ 3,411,068	\$ (0.1238)
SDG&E	\$ (2,598,767)	\$ 8,000,000	\$ 10,598,767	\$ 0	\$ 0	\$ 0	\$ (2,598,767)	\$ 3,451,534	\$ 3,451,534	\$ 852,767	\$ 0.1950
Vernon	\$ (7,674,902)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (7,674,902)	\$ 0	\$ 0	\$ (7,674,902)	\$ 0.0000
<b>Total</b>	<b>\$ 0</b>	<b>\$ 72,000,000</b>	<b>\$ 64,325,098</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>\$ 0</b>	<b>\$ 0</b>