

## September 1, 2006 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

### Per FERC Approval of Atlantic Path 15's Revised Transmission Revenue Requirement (Docket No. ER05-17)

**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>[9]</i>
PGE	\$ 141,645,869	\$ 120,632,364	89,121,865	N	\$ 262,278,233	\$ 1.5894	\$ 1.6779	\$ 2.9429	\$ 2.9000
SCE	\$ 117,999,680	\$ 62,710,146	91,670,569	EC	\$ 180,709,826	\$ 1.2872	\$ 1.7708	\$ 1.9713	\$ 2.9930
SDGE	\$ 41,054,790	\$ 42,406,414	20,915,303	S	\$ 83,461,204	\$ 1.9629	\$ 1.8273	\$ 3.9904	\$ 3.0494
Anaheim	\$ 24,270,216	\$ -	2,766,313	EC	\$ 24,270,216	\$ 8.7735	\$ 1.7708	\$ 8.7735	\$ 2.9930
Azusa	\$ 1,260,706	\$ -	239,575	EC	\$ 1,260,706	\$ 5.2623	\$ 1.7708	\$ 5.2623	\$ 2.9930
Banning	\$ 1,020,350	\$ -	139,457	EC	\$ 1,020,350	\$ 7.3166	\$ 1.7708	\$ 7.3166	\$ 2.9930
Pasadena	\$ 10,299,127	\$ -	1,239,884	EC	\$ 10,299,127	\$ 8.3065	\$ 1.7708	\$ 8.3065	\$ 2.9930
Riverside	\$ 15,619,020	\$ -	1,814,019	EC	\$ 15,619,020	\$ 8.6102	\$ 1.7708	\$ 8.6102	\$ 2.9930
Vernon	\$ 10,037,786	\$ -	1,210,668	EC	\$ 10,037,786	\$ 8.2911	\$ 1.7708	\$ 8.2911	\$ 2.9930
Trans-Elect	\$ -	\$ 29,824,763	-	N	\$ 29,824,763	\$ -	\$ -	\$ -	\$ 2.9000
<b>ISO Total</b>	<b>\$ 363,207,544</b>	<b>\$ 255,573,687</b>	<b>209,117,653</b>		<b>\$ 618,781,231</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 (40%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (60%), 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 40%	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 60%	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	\$ 141,645,869	\$ 56,658,348	89,121,865	\$ 0.6357						\$ 2.9000	\$ 2.9000	\$ 1.6779	\$ 1.2222
East/C	\$ 180,506,885	\$ 72,202,754	99,080,485	\$ 0.7287						\$ 2.9930	\$ 2.9930	\$ 1.7708	\$ 1.2222
South	\$ 41,054,790	\$ 16,421,916	20,915,303	\$ 0.7852						\$ 3.0494	\$ 3.0494	\$ 1.8273	\$ 1.2222
<b>Total</b>	<b>\$ 363,207,544</b>	<b>\$ 145,283,018</b>	<b>209,117,653</b>										
<b>ISO-wide</b>	<b>\$ 217,924,527</b>	<b>\$ 255,573,687</b>	<b>209,117,653</b>	<b>\$ 2.2643</b>					<b>\$ 1.0421</b>				

## September 1, 2006 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	89,121,865	\$ 1.6779	\$ 149,533,530	\$ 1.5894	\$ 141,645,869	\$ 7,887,661
SCE EC	91,670,569	\$ 1.7708	\$ 162,334,163	\$ 1.2872	\$ 117,999,680	\$ 44,334,483
SDGE S	20,915,303	\$ 1.8273	\$ 38,218,055	\$ 1.9629	\$ 41,054,790	\$ (2,836,735)
Anaheim EC	2,766,313	\$ 1.7708	\$ 4,898,705	\$ 8.7735	\$ 24,270,216	\$ (19,371,510)
Azusa EC	239,575	\$ 1.7708	\$ 424,250	\$ 5.2623	\$ 1,260,706	\$ (836,456)
Banning EC	139,457	\$ 1.7708	\$ 246,956	\$ 7.3166	\$ 1,020,350	\$ (773,394)
Pasadena EC	1,239,884	\$ 1.7708	\$ 2,195,640	\$ 8.3065	\$ 10,299,127	\$ (8,103,488)
Riverside EC	1,814,019	\$ 1.7708	\$ 3,212,342	\$ 8.6102	\$ 15,619,020	\$ (12,406,678)
Vernon EC	1,210,668	\$ 1.7708	\$ 2,143,903	\$ 8.2911	\$ 10,037,786	\$ (7,893,883)
<b>ISO Total</b>	<b>209,117,653</b>		<b>\$ 363,207,544</b>		<b>\$ 363,207,544</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]	[34] = [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	\$ 7,887,661	\$ 32,000,000	\$ 24,112,339	\$ 0	\$ 8,509,903	\$ 8,509,903	\$ 16,397,564	\$ 5,551,507	\$ 14,061,409	\$ 21,949,071	\$ 0.1578
SCE	\$ 44,334,483	\$ 32,000,000	\$ 0	\$ 12,334,483	\$ 0	\$ (12,334,483)	\$ 32,000,000	\$ (10,050,929)	\$ (22,385,412)	\$ 21,949,071	\$ (0.2442)
SDGE	\$ (2,836,735)	\$ 8,000,000	\$ 10,836,735	\$ 0	\$ 3,824,580	\$ 3,824,580	\$ 987,845	\$ 4,499,423	\$ 8,324,002	\$ 5,487,268	\$ 0.3980
Anaheim	\$ (19,371,510)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (19,371,510)	\$ 0	\$ 0	\$ (19,371,510)	\$ 0
Azusa	\$ (836,456)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (836,456)	\$ 0	\$ 0	\$ (836,456)	\$ 0
Banning	\$ (773,394)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (773,394)	\$ 0	\$ 0	\$ (773,394)	\$ 0
Pasadena	\$ (8,103,488)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (8,103,488)	\$ 0	\$ 0	\$ (8,103,488)	\$ 0
Riverside	\$ (12,406,678)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (12,406,678)	\$ 0	\$ 0	\$ (12,406,678)	\$ 0
Vernon	\$ (7,893,883)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (7,893,883)	\$ 0	\$ 0	\$ (7,893,883)	\$ 0
<b>Total</b>	<b>\$ 0</b>	<b>\$ 72,000,000</b>	<b>\$ 34,949,073</b>	<b>\$ 12,334,483</b>	<b>\$ 12,334,483</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>0</b>

## September 1, 2006 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	\$ 120,632,364	89,121,865	\$ 1.2222	\$ 108,920,521	\$ (11,711,843)	\$ 10,237,227
SCE	\$ 62,710,146	91,670,569	\$ 1.2222	\$ 112,035,426	\$ 49,325,280	\$ 71,274,351
SDGE	\$ 42,406,414	20,915,303	\$ 1.2222	\$ 25,561,692	\$ (16,844,722)	\$ (11,357,454)
Anaheim	\$ -	2,766,313	\$ 1.2222	\$ 3,380,857	\$ 3,380,857	\$ (15,990,654)
Azusa	\$ -	239,575	\$ 1.2222	\$ 292,797	\$ 292,797	\$ (543,659)
Banning	\$ -	139,457	\$ 1.2222	\$ 170,438	\$ 170,438	\$ (602,956)
Pasadena	\$ -	1,239,884	\$ 1.2222	\$ 1,515,327	\$ 1,515,327	\$ (6,588,160)
Riverside	\$ -	1,814,019	\$ 1.2222	\$ 2,217,008	\$ 2,217,008	\$ (10,189,670)
Vernon	\$ -	1,210,668	\$ 1.2222	\$ 1,479,621	\$ 1,479,621	\$ (6,414,262)
Trans-Elect	\$ 29,824,763	0	\$ 1.2222	\$ 0	\$ (29,824,763)	\$ (29,824,763)
<b>Total</b>	<b>\$ 255,573,687</b>	<b>209,117,653</b>		<b>\$ 255,573,687</b>	<b>\$ 0</b>	<b>\$ 0</b>

**01 September 2006 ISO Access Charge Rate**

**HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS**

		HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS						Info Only
PTO		HV TRR	LV TRR	New HV Facilities	New LV Facilities	Total HV Filed TRR	Total LV Filed TRR	Combined TRR
<b>PGE</b>	Base TRR	161,406,021	296,386,733	137,397,446		298,803,467	296,386,733	595,190,200
	TRBAA (as of 30Sep05)	(19,760,152)	(5,946,799)	(16,765,082)		(36,525,234)	(5,946,799)	(42,472,033)
	Standby Credit	-	-	-		-	-	-
	Total	141,645,869	290,439,934	120,632,364	-	262,278,233	290,439,934	552,718,167
<b>SCE</b>	Gross Load	89,121,865	89,121,865	89,121,865	89,121,865	89,121,865	89,121,865	89,121,865
	Utility Specific Access Charges (\$/MWh)	1.5894	3.2589	1.3536		2.9429	3.2589	6.2018
	TRR - Eff. Date - Docket#	3/1/2006 ER05-1284-000		3/1/2006 ER05-1284-000				
	TRBA - Eff. Date - Docket#	1/1/2006 ER06-34-000		1/1/2006 ER06-34-000				
<b>SCE</b>	Base TRR	216,502,440	24,461,360	67,036,200		283,538,640	24,461,360	308,000,000
	TRBAA (as of 30Sep05)	(97,635,618)	(8,697,509)	(4,057,558)		(101,693,176)	(8,697,509)	(110,390,685)
	Standby Credit	(867,142)	(97,973)	(268,496)		(1,135,638)	(97,973)	(1,233,611)
	Total	117,999,680	15,665,878	62,710,146	-	180,709,826	15,665,878	196,375,704
<b>SCE</b>	Gross Load	91,670,569	91,670,569	91,670,569	91,670,569	91,670,569	91,670,569	91,670,569
	Utility Specific Access Charges (\$/MWh)	1.2872	0.1709	0.6841	0.0000	1.9713	0.1709	2.1422
	TRR - Eff. Date - Docket#	6/4/2006 ER06-186-001		6/4/2006 ER06-186-001				
	TRBA - Eff. Date - Docket#	1/1/2006 ER06-123-000		1/1/2006 ER06-123-000				
<b>SDGE</b>	Base TRR	52,884,000	50,567,000	42,457,000	34,080,000	95,341,000	84,647,000	179,988,000
	TRBAA (as of 04Jun06)	(11,005,211)	2,304,795	610,799	1,453,715	(10,394,412)	3,758,510	(6,635,902)
	Standby Credit	(823,999)	(787,550)	(661,385)	(530,734)	(1,485,384)	(1,318,284)	(2,803,668)
	Total	41,054,790	52,084,245	42,406,414	35,002,981	83,461,204	87,087,226	170,548,430
<b>SDGE</b>	Gross Load	20,915,303	20,915,303	20,915,303	20,915,303	20,915,303	20,915,303	20,915,303
	Utility Specific Access Charges (\$/MWh)	1.9629	2.4902	2.0275	1.6736	3.9904	4.1638	8.1542
	TRR - Eff. Date - Docket#	9/1/06 - ER06-1369-000		9/1/06 - ER06-1369-000				
	TRBA - Eff. Date - Docket#	6/4/2006 - ER06-818-000		6/4/2006 - ER06-818-000				
<b>Vernon</b>	Base TRR	10,216,178				10,216,178		10,216,178
	TRBAA (as of 30Sep05)	(178,392)				(178,392)		(178,392)
	Standby Credit	-				-		-
	Total	10,037,786				10,037,786		10,037,786
<b>Vernon</b>	Gross Load	1,210,668				1,210,668		1,210,668
	Utility Specific Access Charges (\$/MWh)	8.2911				8.2911		8.2911
	TRR - Eff. Date - Docket#	1/1/2001 EL00-105-000						
	TRBA - Eff. Date - Docket#	1/1/2006 EL06-32-000						
<b>Anaheim</b>	Base TRR	25,300,000				25,300,000		25,300,000
	TRBAA (as of 30Sep05)	(1,029,784)				(1,029,784)		(1,029,784)
	Standby Credit	-				-		-
	Total	24,270,216				24,270,216		24,270,216
<b>Anaheim</b>	Gross Load	2,766,313				2,766,313		2,766,313
	Utility Specific Access Charges (\$/MWh)	8.7735				8.7735		8.7735
	TRR - Eff. Date - Docket#	7/1/2005 EL05-131-000						
	TRBA - Eff. Date - Docket#	1/1/2006 EL06-24-000						
<b>Azusa</b>	Base TRR	1,500,000				1,500,000		1,500,000
	TRBAA (as of 30Sep05)	(239,294)				(239,294)		(239,294)
	Standby Credit	-				-		-
	Total	1,260,706				1,260,706		1,260,706
<b>Azusa</b>	Gross Load	239,575				239,575		239,575
	Utility Specific Access Charges (\$/MWh)	5.2623				5.2623		5.2623
	TRR - Eff. Date - Docket#	1/1/2003 EL03-14-002						
	TRBA - Eff. Date - Docket#	1/1/2006 EL06-23-000						

**01 September 2006 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	
<b>Banning</b>	Base TRR	1,105,000	53,647		1,105,000	53,647	1,158,647	
	TRBAA (as of 30Sep05)	(84,650)	(15,000)		(84,650)	(15,000)	(99,650)	
	Standby Credit	-	-		-	-	-	
	Total	1,020,350	38,647		1,020,350	38,647	1,058,997	
	Gross Load	139,457	139,457		139,457	139,457	139,457	
	Utility Specific Access Charges (\$/MWh)	7.3166	0.2771		7.3166	0.2771	7.5937	
	TRR - Eff. Date - Docket#	1/1/2003 EL03-21-002						
	TRBA - Eff. Date - Docket#	1/1/2006 EL06-33-000						
<b>Pasadena</b>	Base TRR	9,984,279			9,984,279		9,984,279	
	TRBAA (as of 30Sep05)	314,848			314,848		314,848	
	Standby Credit	-			-		-	
	Total	10,299,127			10,299,127		10,299,127	
	Gross Load	1,239,884			1,239,884		1,239,884	
	Utility Specific Access Charges (\$/MWh)	8.3065			8.3065		8.3065	
	TRR - Eff. Date - Docket#	1/1/2005 EL05-18-000						
	TRBA - Eff. Date - Docket#	1/1/2006 EL06-34-000						
<b>Riverside</b>	Base TRR	17,500,000			17,500,000		17,500,000	
	TRBAA (as of 30Sep05)	(1,880,980)			(1,880,980)		(1,880,980)	
	Standby Credit	-			-		-	
	Total	15,619,020			15,619,020		15,619,020	
	Gross Load	1,814,019			1,814,019		1,814,019	
	Utility Specific Access Charges (\$/MWh)	8.6102			8.6102		8.6102	
	TRR - Eff. Date - Docket#	1/1/2003 EL03-20-003						
	TRBA - Eff. Date - Docket#	1/1/2006 EL06-38-000						
<b>Trans-Elect</b>	Base TRR	-	34,921,034		34,921,034		34,921,034	
	TRBAA (as of 30Sep05)	-	(5,096,271)		(5,096,271)		(5,096,271)	
	Standby Credit	-	-		-		-	
	Total	-	29,824,763		29,824,763		29,824,763	
	Gross Load	-	-		-		-	
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000		0.0000		0.0000	
	TRR - Eff. Date - Docket#	12/22/2004 ER05-17-000						
	TRBA - Eff. Date - Docket#	1/1/2006 ER06-364-000						
For Information Only								
<b>Total CAISO Grid</b>	Base TRR	496,397,918	371,468,740	281,811,680	34,080,000	778,209,598	405,548,740	1,183,758,338
	TRBAA (as of 30Sep05)	(131,499,233)	(12,354,513)	(25,308,112)	1,453,715	(156,807,345)	(10,900,798)	(167,708,143)
	Standby Credit	(1,691,141)	(885,523)	(929,881)	(530,734)	(2,621,022)	(1,416,257)	(4,037,279)
	Total	363,207,544	358,228,704	255,573,687	35,002,981	618,781,231	393,231,685	1,012,012,916
	Gross Load	209,117,653	201,847,194	201,707,737	201,707,737	209,117,653	201,847,194	209,117,653
	Utility Specific Access Charges (\$/MWh)	1.7369	1.7748	1.2670	0.1735	2.9590	1.9482	4.8394