



December 22, 2004

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. ER05-____ - 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 revised transmission Access Charges for the period of December 22, 2004 to December 31, 2004. The basis for the revision is the Commercial Operation of the Path 15 Upgrade Project whereby Trans-Elect NTD Path 15, LLC ("Trans-Elect") and the Western Area Power Administration - Sierra Nevada Region become Participating Transmission Owners.

Changes in Rates

The transmission Access Charges provided in the present filing revise the Access Charges and Wheeling Access Charges provided for informational purposes in the ISO's submission of August 31, 2004 in Docket No. ER04-1168-000. The changes in the present filing are effective December 22, 2004 through December 31, 2004, pursuant to the terms of the Transmission Revenue Requirement filed in Docket No. ER05-17-000 by Trans-Elect on October 4, 2004 and made effective by the Commission, subject to refund on December 2, 2004¹.

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 December 22, 2004 through December 31, 2004, are as follows:

Northern Area -	\$ 2.3391 /MWh
East Central Area -	\$ 2.8039 /MWh
Southern Area -	\$ 2.1234 /MWh

¹ *Trans-Elect NTD Path 15, LLC*, 109 FERC ¶ 61,249 (2004).

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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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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ATTACHMENT A

December 22, 2004 TAC Rate
Based on Filed Annual TRR/TRBA and Load Data

Per ER05-17 filed 04 October 2004 (Includes Trans-Elect, as New Participating TO, Effective 22 December 2004 with Path 15 Upgrade)

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>	HV Utility Specific Rate (\$/MWH) <i>[8]</i> = <i>[5]</i> / <i>[3]</i>	TAC Area Rate (\$/MWH) <i>[9]</i> = <i>[5]</i>
PGE	\$ 142,618,825	\$ 38,941,972	83,389,232	N	\$ 181,560,797	\$ 1.7103	\$ 1.8396	\$ 2.1773	\$ 2.3391
SCE	\$ 173,100,226	\$ 7,193,729	84,358,000	EC	\$ 180,293,955	\$ 2.0520	\$ 2.3044	\$ 2.1372	\$ 2.8039
SDGE	\$ 27,291,290	\$ 13,957,107	20,204,651	S	\$ 41,248,397	\$ 1.3507	\$ 1.6239	\$ 2.0415	\$ 2.1234
Anaheim	\$ 22,137,953	\$ -	2,589,830	EC	\$ 22,137,953	\$ 8.5480	\$ 2.3044	\$ 8.5480	\$ 2.8039
Azusa	\$ 1,374,977	\$ -	239,575	EC	\$ 1,374,977	\$ 5.7392	\$ 2.3044	\$ 5.7392	\$ 2.8039
Banning	\$ 977,164	\$ -	139,457	EC	\$ 977,164	\$ 7.0069	\$ 2.3044	\$ 7.0069	\$ 2.8039
Riverside	\$ 16,934,138	\$ -	1,814,019	EC	\$ 16,934,138	\$ 9.3351	\$ 2.3044	\$ 9.3351	\$ 2.8039
Vernon	\$ 9,990,364	\$ -	1,210,668	EC	\$ 9,990,364	\$ 8.2519	\$ 2.3044	\$ 8.2519	\$ 2.8039
Trans-Elect	\$ -	\$ 36,775,863	-	N	\$ 36,775,863	\$ -	\$ -	\$ -	\$ 2.3391
ISO Total	\$ 394,424,937	\$ 96,868,671	193,945,432		\$ 491,293,608				

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 (60%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (40%), 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 60%	Annual Gross Load (GWH) <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 40%	ISO Wide TRR New HV Facilities (\$) <i>[15]</i> = Total <i>[2]</i>	ISO Wide Annual Gross Load (GWH) <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	\$ 142,618,825	\$ 85,571,295	83,389,232	\$ 1.0262						\$ 2.3391	\$ 2.3391	\$ 1.8396	\$ 0.4995
East/C	\$ 224,514,822	\$ 134,708,893	90,351,549	\$ 1.4909						\$ 2.8039	\$ 2.8039	\$ 2.3044	\$ 0.4995
South	\$ 27,291,290	\$ 16,374,774	20,204,651	\$ 0.8104						\$ 2.1234	\$ 2.1234	\$ 1.6239	\$ 0.4995
Total	\$ 394,424,937	\$ 236,654,962	193,945,432										
ISO-wide	\$ 157,769,975	\$ 96,868,671	193,945,432	\$ 1.3129				\$ 0.8135					

December 22, 2004 TAC Rate 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 (\$)
[22] = [4]	[23] = [3]	[24] = [7]	[25] = [23] x [24]	[26] = [6]	[27] = [23] x [26]	[28] = [25] - [27]
PGE N	83,389,232	\$ 1.8396	\$ 153,406,443	\$ 1.7103	\$ 142,618,825	\$ 10,787,618
SCE EC	84,358,000	\$ 2.3044	\$ 194,396,078	\$ 2.0520	\$ 173,100,226	\$ 21,295,852
SDGE S	20,204,651	\$ 1.6239	\$ 32,810,775	\$ 1.3507	\$ 27,291,290	\$ 5,519,485
Anaheim EC	2,589,830	\$ 2.3044	\$ 5,968,050	\$ 8.5480	\$ 22,137,953	\$ (16,169,903)
Azusa EC	239,575	\$ 2.3044	\$ 552,081	\$ 5.7392	\$ 1,374,977	\$ (822,896)
Banning EC	139,457	\$ 2.3044	\$ 321,367	\$ 7.0069	\$ 977,164	\$ (655,797)
Riverside EC	1,814,019	\$ 2.3044	\$ 4,180,258	\$ 9.3351	\$ 16,934,138	\$ (12,753,880)
Vernon EC	1,210,668	\$ 2.3044	\$ 2,789,885	\$ 8.2519	\$ 9,990,364	\$ (7,200,479)
ISO Total	193,945,432		\$ 394,424,937		\$ 394,424,937	\$ (0)

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

\$32/\$2/8 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)
[29] = [28]	[30]	[31] IF [30] - [29] > 0 = [30] - [29] If no cap, then 0.	[32] IF [29] - [30] > 0 = [29] - [30] If no cap, then 0.	[33] IOUs = ([31] / total[31]) x total[32]	[34] = [33] - [32] Munis w/ Benefit = ([29] / total[29]) x total[32] - total[31]	[35] = [29] + [34]	[36] Reallocate IOU Burden [38] so it is proportional to IOU Cap [30] = [38] - [35]	[37] = [34] + [36]	[38] = [35] + [36]	[39] = [37] / [23]
PGE \$ 10,787,618	\$ 32,000,000	\$ 21,212,382	\$ 0	\$ 0	\$ 0	\$ 10,787,618	\$ 5,924,807	\$ 5,924,807	\$ 16,712,424	\$ 0.0711
SCE \$ 21,295,852	\$ 32,000,000	\$ 10,704,148	\$ 0	\$ 0	\$ 0	\$ 21,295,852	\$ (4,583,428)	\$ (4,583,428)	\$ 16,712,424	\$ (0.0543)
SDGE \$ 5,519,485	\$ 8,000,000	\$ 2,480,515	\$ 0	\$ 0	\$ 0	\$ 5,519,485	\$ (1,341,379)	\$ (1,341,379)	\$ 4,178,106	\$ (0.0664)
Anaheim \$ (16,169,903)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (16,169,903)	\$ 0	\$ 0	\$ (16,169,903)	\$ 0
Azusa \$ (822,896)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (822,896)	\$ 0	\$ 0	\$ (822,896)	\$ 0
Banning \$ (655,797)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (655,797)	\$ 0	\$ 0	\$ (655,797)	\$ 0
Riverside \$ (12,753,880)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (12,753,880)	\$ 0	\$ 0	\$ (12,753,880)	\$ 0
Vernon \$ (7,200,479)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (7,200,479)	\$ 0	\$ 0	\$ (7,200,479)	\$ 0
Total	\$ 72,000,000	\$ 34,397,045	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

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 (\$)	ISO Wide Annual Gross Load (MWh)	New HVTRR Rate (\$/MWH)	New HVTRR Cost Responsibility (\$)	NHVF Access Charge (Benefit)/Burden (\$)	Total Access Charge (Benefit)/Burden (\$)
[40] = [2]	[41] = [3]	[42] = ([15]) / [16]	[43] = ([41]) * [42]	[44] = ([43]) - [40]	[45] = ([44]) + [38]
PGE \$ 38,941,972	83,389,232	\$ 0.4995	\$ 41,649,881	\$ 2,707,909	\$ 19,420,333
SCE \$ 7,193,729	84,358,000	\$ 0.4995	\$ 42,133,745	\$ 34,940,016	\$ 51,652,440
SDGE \$ 13,957,107	20,204,651	\$ 0.4995	\$ 10,091,486	\$ (3,865,621)	\$ 312,486
Anaheim \$ -	2,589,830	\$ 0.4995	\$ 1,293,526	\$ 1,293,526	\$ (14,876,377)
Azusa \$ -	239,575	\$ 0.4995	\$ 119,659	\$ 119,659	\$ (703,237)
Banning \$ -	139,457	\$ 0.4995	\$ 69,654	\$ 69,654	\$ (586,143)
Riverside \$ -	1,814,019	\$ 0.4995	\$ 906,036	\$ 906,036	\$ (11,847,844)
Vernon \$ -	1,210,668	\$ 0.4995	\$ 604,685	\$ 604,685	\$ (6,595,795)
Trans-Elect \$ 36,775,863	0	\$ 0.4995	\$ 0	\$ (36,775,863)	\$ (36,775,863)
Total	193,945,432		\$ 96,868,671	\$ 0	\$ 0

22 December 2004 ISO Access Charge Rate
HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS

PTO	HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS				Total HV		Total LV		Info Only
	HV TRR	LV TRR	New HV Facilities	New LV Facilities	Filed TRR	Filed TRR	Filed TRR	Combined TRR	
PTO	Base TRR (TO7)	172,356,487	280,015,391	55,028,123		227,384,610	280,015,391	507,400,001	
	TRBAA (as of 30Sep03)	(29,034,838)	(35,635,155)	(15,705,861)		(44,740,499)	(35,635,155)	(80,375,654)	
	Standby Credit	(703,024)	(1,100,787)	(380,290)		(1,083,314)	(1,100,787)	(2,184,101)	
	Total	142,618,825	243,279,449	38,941,972	-	181,560,797	243,279,449	424,840,246	
PGE	Gross Load	83,389,232	83,389,232	83,389,232	83,389,232	83,389,232	83,389,232	83,389,232	
	Utility Specific Access Charges (\$/kWh)	1.7103	2.9174	0.4670		2.1773	2.9174	5.0947	
	TRR - Eff. Date - Docket#	1-Jan-04 ER04-109-000		1-Jan-04 ER04-109-000					
	TRBA - Eff. Date - Docket#	1-Jan-04 ER04-337-002		1-Jan-04 ER04-337-002					
SCE	Base TRR	213,079,025	29,065,800	8,855,175		221,934,200	29,065,800	251,000,000	
	TRBAA (as of 30Sep03)	(38,907,501)	(1,061,600)	(1,616,925)		(40,524,426)	(1,061,600)	(41,586,026)	
	Standby Credit	(1,071,298)	(134,259)	(44,521)		(1,115,819)	(134,259)	(1,250,078)	
	Total	173,100,226	27,869,941	7,193,729	-	180,293,955	27,869,941	208,163,896	
SDGE	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)	2.0520	0.3304	0.0853		2.1372	0.3304	2.4676	
	TRR - Eff. Date - Docket#	1-Sep-02 ER02-925		1-Sep-02 ER02-925					
	TRBA - Eff. Date - Docket#	1-Jan-04 ER04-334-000		1-Jan-04 ER04-334-000					
SDGE	Base TRR	55,005,000	54,024,000	14,739,000	22,466,000	69,744,000	76,490,000	146,234,000	
	TRBAA (as of 30Sep03)	(27,482,757)	(9,680,048)	(720,008)	(473,385)	(28,202,765)	(10,153,433)	(38,356,198)	
	Standby Credit	(230,953)	(226,833)	(61,885)	(94,329)	(292,838)	(321,162)	(614,000)	
	Total	27,291,290	44,117,119	13,957,107	21,898,286	41,248,397	66,015,405	107,263,802	
Vernon	Gross Load	20,204,651	20,204,651	20,204,651	20,204,651	20,204,651	20,204,651	20,204,651	
	Utility Specific Access Charges (\$/kWh)	1.3507	2.1835	0.6908	1.0838	2.0415	3.2673	5.3089	
	TRR - Eff. Date - Docket#	1-Sep-04 ER04-1126-000		1-Sep-04 ER04-1126-000					
	TRBA - Eff. Date - Docket#	1-Oct-04 ER04-1078-000		1-Oct-04 ER04-1078-000					
Vernon	Base TRR	10,216,178				10,216,178		10,216,178	
	TRBAA (as of 30Sep03)	(225,814)				(225,814)		(225,814)	
	Standby Credit	-				-		-	
	Total	9,990,364				9,990,364		9,990,364	
Vernon	Gross Load	1,210,668				1,210,668		1,210,668	
	Utility Specific Access Charges (\$/kWh)	8.2519				8.2519		8.2519	
	TRR - Eff. Date - Docket#	1/1/2003 EL03-31-000							
	TRBA - Eff. Date - Docket#	1/1/2004 EL04-34-000							

22 December 2004 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	
Anahaim	Base TRR	22,900,000			22,900,000		22,900,000	
	TRBAA (as of 30Sep03)	(762,047)			(762,047)		(762,047)	
	Standby Credit	-			-		-	
	Total	22,137,953			22,137,953		22,137,953	
	Gross Load	2,589,830			2,589,830		2,589,830	
	Utility Specific Access Charges (\$/kWh)	8.5480			8.5480		8.5480	
	TRR - Eff. Date - Docket#	1/1/2003 EL03-15-003						
	TRBA - Eff. Date - Docket#	1/1/2004 EL04-40-001						
Azusa	Base TRR	1,500,000			1,500,000		1,500,000	
	TRBAA (as of 30Sep03)	(125,023)			(125,023)		(125,023)	
	Standby Credit	-			-		-	
	Total	1,374,977			1,374,977		1,374,977	
	Gross Load	239,575			239,575		239,575	
	Utility Specific Access Charges (\$/kWh)	5.7392			5.7392		5.7392	
	TRR - Eff. Date - Docket#	1/1/2003 EL03-14-002						
	TRBA - Eff. Date - Docket#	1/1/2004 EL04-35-001						
Banning	Base TRR	1,105,000	53,647		1,105,000	53,647	1,158,647	
	TRBAA (as of 30Sep03)	(127,836)	-		(127,836)	-	(127,836)	
	Standby Credit	-	-		-	-	-	
	Total	977,164	53,647		977,164	53,647	1,030,811	
	Gross Load	139,457	139,457		139,457	139,457	139,457	
	Utility Specific Access Charges (\$/kWh)	7.0069	0.3847		7.0069	0.3847	7.3916	
	TRR - Eff. Date - Docket#	1/1/2003 EL03-21-002						
	TRBA - Eff. Date - Docket#	1/1/2004 EL04-42-001						
Riverside	Base TRR	17,500,000			17,500,000		17,500,000	
	TRBAA (as of 30Sep03)	(565,862)			(565,862)		(565,862)	
	Standby Credit	-			-		-	
	Total	16,934,138			16,934,138		16,934,138	
	Gross Load	1,814,019			1,814,019		1,814,019	
	Utility Specific Access Charges (\$/kWh)	9.3351			9.3351		9.3351	
	TRR - Eff. Date - Docket#	1/1/2003 EL03-20-003						
	TRBA - Eff. Date - Docket#	1/1/2004 EL04-39-001						
Trans-Elect	Base TRR	-		36,725,863	36,725,863		36,725,863	
	TRBAA (as of xxDec04)	-		50,000	50,000		50,000	
	Standby Credit	-		-	-		-	
	Total	-		36,775,863	36,775,863		36,775,863	
	Gross Load	-		-	-		-	
	Utility Specific Access Charges (\$/kWh)	0.0000		0.0000	0.0000		0.0000	
	TRR - Eff. Date - Docket#	12/22/2004 ER05-17-000						
	TRBA - Eff. Date - Docket#	12/22/2004 ER05-17-000						
Total CAISO Grid	For information Only							
	Base TRR	493,661,690	363,158,838	115,348,161	22,466,000	609,009,851	385,624,838	994,634,689
	TRBAA (as of 30Sep03)	(97,231,478)	(46,376,803)	(17,992,794)	(473,385)	(115,224,272)	(46,850,188)	(162,074,460)
	Standby Credit	(2,005,275)	(1,461,879)	(488,696)	(94,329)	(2,491,971)	(1,556,208)	(4,048,179)
	Total	394,424,937	315,320,156	96,868,671	21,898,286	491,293,608	337,218,442	828,512,050
	Gross Load	193,945,432	188,091,340	187,951,883	103,593,883	193,945,432	188,091,340	193,945,432
Utility Specific Access Charges (\$/kWh)	2.0337	1.6764	0.5154	0.2114	2.5332	1.7928	4.2719	

ATTACHMENT B

