

Appendix D	
California Independent System Operator 2006 GMC Cost Allocation Model Revenue Requirement and Rate Calculations	
This spreadsheet takes the O&M requirement requirement and functionalizes the debt service requirement, capital project funding, expense recovery budget and the excess Operating and Capital Reserve. It sums these, applies the functional association of Settlements, Metering and Client Relations costs and calculates rates.	
There are two accompanying worksheets to this. The first is the 2006 O&M functionalization which contains the assignment of cost center costs to the GMC service categories. The second is the 2006 Capital functionalization which assigns proposed capital expenditures to the GMC service categories.	
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Sheet Index:	Description
Rev Req Detail	Shows the detailed calculation of revenue requirement as the sum of O&M, Financing Budget, Capital Project Funding, Expense Recovery Budget and the Financial and Capital Operating Reserve
Rev Req Summary	Shows the summary calculation of revenue requirement as the sum of O&M, Financing Budget, Capital Project Funding, Expense Recovery Budget and the Financial and Capital Operating Reserve
As filed Rates	Summarizes revenue requirement calculation, applies functional association of charge types and billing determinants to calculate rates using as filed 2004 GMC method
As settled Rates	Summarizes revenue requirement calculation, applies functional association of charge types and billing determinants to calculate rates using as settled 2004 GMC method
Worksheet divider	
Billing determinants	Historical and estimated billing units for 2005 GMC
O&M	Table showing O&M expenditures by division
Financing Budget old issue	Functionalization of the debt service costs
Financing Budget new issue	Functionalization of expenditures on new capital projects
Expense Recovery Budget	Functionalization of miscellaneous credits and interest
F&C Op Reserve	Functionalization of Operating and Capital Reserve credit
Revenue Requirement 2006 Revenue Forecast	Shows the summary calculation of revenue requirement as the sum of O&M, Financing Budget, Capital Project Funding, Expense Recovery Budget and the Financial and Capital Operating Reserve
Conversion Matrix	Forecast of revenues under Partial Offer of Settlement Rates
SWPL LOC Functionalization	Matrix to convert revenues under Partial Offer of Settlement to as filed rate structure. Used for Operating Reserve calculation
	Functionalization of Line Operator Charge using 2004 SWPL revenue by charge. Not shown in public version due to confidentiality concerns.
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California Independent System Operator 2006 GMC Cost Allocation Model Draft and Preliminary, for discussion purposes only								
Detailed Revenue Requirement								
		Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total
Operations and Maintenance								
1111	CEO - General	\$ 822,863	\$ 402,239	\$ 70,607	\$ 86,226	\$ 195,380	\$ 292,262	\$ 1,869,578
1241	MD02	\$ 19,552	\$ -	\$ 38,977	\$ 30,670	\$ 79,775	\$ 112,171	\$ 281,146
1311	CFO - General	\$ 678,830	\$ 331,231	\$ 55,856	\$ 65,007	\$ 158,895	\$ 251,492	\$ 1,541,310
1321	Accounting	\$ 1,227,550	\$ 600,061	\$ 105,332	\$ 128,633	\$ 291,468	\$ 435,997	\$ 2,789,041
1331	Financial Planning and Treasury	\$ 1,369,195	\$ 669,301	\$ 117,486	\$ 143,476	\$ 325,100	\$ 486,307	\$ 3,110,866
1351	Facilities	\$ 3,023,102	\$ 1,473,162	\$ 241,001	\$ 269,665	\$ 700,227	\$ 1,153,625	\$ 6,860,782
1361	Security & Corporate Services	\$ 808,838	\$ 394,148	\$ 64,480	\$ 72,150	\$ 187,347	\$ 308,655	\$ 1,835,619
1411	Chief Information Officer	\$ 516,418	\$ 102,309	\$ 157,562	\$ 46,777	\$ 121,243	\$ 433,520	\$ 1,377,828
1422	Corporate & Enterprise Applications	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1424	Asset Management	\$ 4,721,701	\$ 863,883	\$ 1,698,625	\$ 665,926	\$ 1,388,615	\$ 4,291,306	\$ 13,630,055
1431	End User Support	\$ 2,360,485	\$ 914,993	\$ 604,406	\$ 222,845	\$ 576,614	\$ 1,655,279	\$ 6,334,622
1432	Computer Operations and Infrastructure	\$ 331,678	\$ 91,969	\$ 139,418	\$ 31,133	\$ 83,035	\$ 322,345	\$ 999,578
1433	Network Services	\$ 372,186	\$ 103,537	\$ 97,312	\$ 22,988	\$ 78,109	\$ 203,029	\$ 877,161
1441	Outsourced Contracts	\$ 3,677,949	\$ 941,025	\$ 1,086,840	\$ 227,358	\$ 777,143	\$ 2,215,611	\$ 8,925,925
1442	Production Support	\$ 476,670	\$ 3,568	\$ 442,622	\$ 54,464	\$ 139,442	\$ 915,370	\$ 2,032,136
1451	Infrastructure Services	\$ 323,298	\$ 2,420	\$ 300,205	\$ 36,940	\$ 94,575	\$ 620,844	\$ 1,378,283
1461	Control Systems	\$ 1,881,455	\$ 47,687	\$ -	\$ -	\$ 10,838	\$ 10,838	\$ 1,950,818
1462	Field Data Acquisition System (FDAS)	\$ 354,917	\$ -	\$ -	\$ -	\$ -	\$ 1,301,361	\$ 1,656,278
1463	Operations Systems Services	\$ 146,989	\$ 4,065	\$ 19,928	\$ 2,857	\$ 15,620	\$ 120,141	\$ 309,601
1466	Enterprise Applications	\$ 1,080,805	\$ 164,448	\$ 26,903	\$ 30,102	\$ 78,166	\$ 872,116	\$ 2,252,540
1467	Settlement Systems Services	\$ 84,152	\$ -	\$ -	\$ -	\$ -	\$ 841,525	\$ 925,677
1468	Corporate Application Support and Administra	\$ 219,530	\$ 106,977	\$ 17,501	\$ 19,582	\$ 50,849	\$ 83,773	\$ 498,212
1469	Analytical and Reporting Applications	\$ 182,711	\$ 136,474	\$ 47,827	\$ 65,317	\$ 181,508	\$ 133,076	\$ 746,914
1471	IT Planning	\$ 211,631	\$ 1,584	\$ 196,515	\$ 24,181	\$ 61,909	\$ 406,405	\$ 902,225
1481	Markets and Scheduling System	\$ 559,312	\$ 35,352	\$ 330,362	\$ 30,909	\$ 210,256	\$ 70,179	\$ 1,236,370
1482	Market Systems Support Services	\$ 400,487	\$ 9,539	\$ 184,432	\$ 56,192	\$ 213,074	\$ 46,265	\$ 909,990

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Detailed Revenue Requirement								
		Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total
1511	VP Grid Operations	\$ (601,427)	\$ (300,183)	\$ -	\$ -	\$ -	\$ -	\$ (901,610)
1521	Grid Planning	\$ 69,751	\$ 41,850	\$ -	\$ -	\$ -	\$ -	\$ 111,601
1542	Outage Coordination	\$ 1,655,562	\$ 85,206	\$ -	\$ -	\$ -	\$ -	\$ 1,740,768
1543	Loads and Resources	\$ 713,468	\$ 744,095	\$ -	\$ -	\$ -	\$ -	\$ 1,457,563
1544	Real-Time Scheduling	\$ 1,795,055	\$ 1,196,704	\$ -	\$ -	\$ -	\$ -	\$ 2,991,759
1545	Grid Operations	\$ 5,801,142	\$ 2,797,408	\$ -	\$ -	\$ -	\$ -	\$ 8,598,550
1546	Security Coordination	\$ 1,758,418	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,758,418
1547	Engineering and Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1548	OSAT Group - General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1549	Operations Training	\$ 1,264,241	\$ 1,240,319	\$ -	\$ -	\$ -	\$ -	\$ 2,504,560
1554	Special Projects Engineering	\$ 215,607	\$ 287,411	\$ -	\$ -	\$ -	\$ -	\$ 503,018
1555	Operations Support Group	\$ 508,366	\$ 406,693	\$ -	\$ -	\$ -	\$ -	\$ 915,059
1558	Transmission Maintenance	\$ 562,304	\$ 399,635	\$ -	\$ -	\$ -	\$ -	\$ 961,939
1559	Operations Application Support	\$ 71,428	\$ 47,619	\$ -	\$ -	\$ -	\$ -	\$ 119,047
1561	Operations Engineering South	\$ 1,523,150	\$ 808,515	\$ -	\$ -	\$ -	\$ -	\$ 2,331,665
1562	Operations Engineering North	\$ 1,261,661	\$ 1,026,211	\$ -	\$ -	\$ -	\$ -	\$ 2,287,871
1563	Operations Coordination	\$ 159,003	\$ 54,272	\$ -	\$ -	\$ -	\$ -	\$ 213,275
1564	Operations Scheduling	\$ 13,282	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,282
1565	Pre-Scheduling and Support	\$ 1,204,145	\$ 361,243	\$ -	\$ -	\$ -	\$ -	\$ 1,565,388
1566	Regional Coordination - General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

California Independent System Operator 2006 GMC Cost Allocation Model Draft and Preliminary, for discussion purposes only								
Detailed Revenue Requirement								
		Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total
1611	VP General Counsel - General	\$ 2,364,854	\$ 1,439,050	\$ 246,186	\$ 474,575	\$ 1,121,354	\$ 960,576	\$ 6,606,596
1631	Legal and Regulatory	\$ 2,175,836	\$ 1,063,610	\$ 186,702	\$ 228,002	\$ 516,628	\$ 772,807	\$ 4,943,585
1641	Market Analysis	\$ 558,689	\$ 960,189	\$ -	\$ 725,543	\$ 1,144,501	\$ 257,856	\$ 3,646,779
1642	Market Surveillance Committee	\$ 83,875	\$ 83,875	\$ -	\$ 83,875	\$ 83,875	\$ -	\$ 335,500
1651	Board of Governors	\$ 314,613	\$ 153,792	\$ 26,996	\$ 32,968	\$ 74,701	\$ 111,743	\$ 714,813
1661	Compliance - General	\$ 276,209	\$ 256,872	\$ 150,081	\$ -	\$ 359,485	\$ 218,636	\$ 1,261,284
1662	Compliance - Audits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1711	VP Market Services - General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1721	Billing and Settlements-General	\$ (74,744)	\$ -	\$ -	\$ -	\$ -	\$ (224,231)	\$ (298,975)
1722	Business Development Support	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,147,097	\$ 1,147,097
1723	RMR Settlements	\$ 1,038,012	\$ 254,654	\$ -	\$ -	\$ -	\$ -	\$ 1,292,666
1724	BBS - PSS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,211	\$ 650,211
1725	BBS - FSS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,957	\$ 750,957
1731	Contracts and Special Projects	\$ 547,859	\$ 86,726	\$ -	\$ -	\$ -	\$ 634,585	\$ 1,269,169
1741	Client Relations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,298,622	\$ 4,298,622
1751	Market Operations - General	\$ (77,638)	\$ -	\$ (38,819)	\$ (38,819)	\$ (88,242)	\$ (9,705)	\$ (253,222)
1752	Manager of Markets	\$ 749,763	\$ 149,953	\$ 749,763	\$ 599,811	\$ 496,492	\$ -	\$ 2,745,781
1753	Market Engineering	\$ 434,728	\$ -	\$ -	\$ 579,637	\$ 879,836	\$ 144,909	\$ 2,039,111
1755	Business Solutions	\$ 29,608	\$ -	\$ 236,864	\$ 59,216	\$ 145,792	\$ 29,608	\$ 501,089
1756	Market Quality - General	\$ -	\$ -	\$ -	\$ -	\$ 1,541,496	\$ 631,808	\$ 2,173,305
1757	Market Integration	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1811	VP Corporate and Strategic Development - Gen	\$ 47,670	\$ 23,260	\$ 3,920	\$ 4,558	\$ 11,156	\$ 17,673	\$ 108,236
1821	Communications	\$ 30,952	\$ 15,130	\$ 2,656	\$ 3,243	\$ 7,349	\$ 10,993	\$ 70,324
1831	Strategic Development	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1841	Human Resources	\$ 2,026,689	\$ 987,608	\$ 161,567	\$ 180,784	\$ 469,432	\$ 773,391	\$ 4,599,473
1851	Project Office	\$ 388,415	\$ 189,868	\$ 33,329	\$ 40,701	\$ 92,225	\$ 137,956	\$ 882,493
1861	Regulatory Policy	\$ 876,114	\$ 428,269	\$ 75,177	\$ 91,806	\$ 208,024	\$ 311,176	\$ 1,990,566
2111	Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations and Maintenance		\$ 55,618,963	\$ 22,689,829	\$ 7,878,619	\$ 5,399,299	\$ 13,083,294	\$ 29,210,162	\$ 133,880,166

California Independent System Operator 2006 GMC Cost Allocation Model Draft and Preliminary, for discussion purposes only								
Detailed Revenue Requirement								
	Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total	
Financing and Capital Project Budgets								
1998/2000 Bond Financed Capital	\$ 18,140,549	\$ 4,296,483	\$ 8,267,828	\$ 2,813,198	\$ 5,115,006	\$ 15,541,519	\$ 54,174,584	
2004 Bond Financed Capital	\$ 3,820,470	\$ 535,806	\$ 5,850,274	\$ 2,326,658	\$ 7,001,882	\$ 8,328,162	\$ 27,863,253	
Total Financing and Capital Project Budgets	\$ 21,961,019	\$ 4,832,290	\$ 14,118,102	\$ 5,139,857	\$ 12,116,888	\$ 23,869,681	\$ 82,037,836	
Revenue Requirement before application of credits (debits)	\$ 77,579,983	\$ 27,522,118	\$ 21,996,721	\$ 10,539,156	\$ 25,200,182	\$ 53,079,842	\$ 215,918,002	
	36%	13%	10%	5%	12%	25%	100%	
Credits								
Expense Recovery Budget	\$ (3,552,679)	\$ (766,871)	\$ (149,757)	\$ (71,752)	\$ (171,566)	\$ (436,375)	\$ (5,149,000)	
Operating and Capital Reserves	\$ (5,215,721)	\$ (298,020)	\$ (7,169,064)	\$ (306,567)	\$ (7,762,984)	\$ (9,508,982)	\$ (30,261,337)	
Total Credits	\$ (8,768,400)	\$ (1,064,891)	\$ (7,318,821)	\$ (378,319)	\$ (7,934,550)	\$ (9,945,357)	\$ (35,410,337)	
Total Revenue Requirement	\$ 68,811,583	\$ 26,457,227	\$ 14,677,900	\$ 10,160,837	\$ 17,265,632	\$ 43,134,486	\$ 180,507,665	
Percent of Total	38%	15%	8%	6%	10%	24%	100%	
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Notes								
1. Functionalization to 2005 cost centers shown here is developed in the "Functional Mapping of 2006 Cost Centers to 2005 Cost Centers." Please look to that document for more detail on this calculation								

California Independent System Operator 2006 GMC Cost Allocation Model Draft and Preliminary, for discussion purposes only Summary of Revenue Requirement								
		Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total
Operations and Maintenance								
1100	CEO	\$ 842,416	\$ 402,239	\$ 109,584	\$ 116,897	\$ 275,155	\$ 404,433	\$ 2,150,723
1300	Finance	\$ 7,107,515	\$ 3,467,903	\$ 584,156	\$ 678,930	\$ 1,663,038	\$ 2,636,077	\$ 16,137,619
1400	Information Services	\$ 17,902,373	\$ 3,529,830	\$ 5,350,457	\$ 1,537,572	\$ 4,080,995	\$ 14,542,983	\$ 46,944,211
1500	Grid Operations	\$ 17,975,154	\$ 9,196,999	\$ -	\$ -	\$ -	\$ -	\$ 27,172,153
1600	Legal and Regulatory	\$ 5,774,077	\$ 3,957,389	\$ 609,965	\$ 1,544,963	\$ 3,300,546	\$ 2,321,618	\$ 17,508,557
1700	Market Services	\$ 2,647,589	\$ 491,333	\$ 947,809	\$ 1,199,845	\$ 2,975,374	\$ 8,053,862	\$ 16,315,811
1800	Corporate and Strategic Development	\$ 3,369,840	\$ 1,644,136	\$ 276,648	\$ 321,093	\$ 788,186	\$ 1,251,189	\$ 7,651,092
2100	Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations and Maintenance		\$ 55,618,963	\$ 22,689,829	\$ 7,878,619	\$ 5,399,299	\$ 13,083,294	\$ 29,210,162	\$ 133,880,166
Percent Allocations		42%	17%	6%	4%	10%	22%	100%
Total Financing Budget - Old Issue								
		\$ 18,140,549	\$ 4,296,483	\$ 8,267,828	\$ 2,813,198	\$ 5,115,006	\$ 15,541,519	\$ 54,174,584
Percent Allocations		33%	8%	15%	5%	9%	29%	100%
Total Financing Budget - New Issue								
		\$ 3,820,470	\$ 535,806	\$ 5,850,274	\$ 2,326,658	\$ 7,001,882	\$ 8,328,162	\$ 27,863,253
Percent Allocations		14%	2%	21%	8%	25%	30%	100%
Total Expense Recovery Budget								
		\$ (3,552,679)	\$ (766,871)	\$ (149,757)	\$ (71,752)	\$ (171,566)	\$ (436,375)	\$ (5,149,000)
Percent Allocations		69%	15%	3%	1%	3%	8%	100%
Total Operating and Capital Reserves Credit								
		\$ (5,215,721)	\$ (298,020)	\$ (7,169,064)	\$ (306,567)	\$ (7,762,984)	\$ (9,508,982)	\$ (30,261,337)
Percent Allocations		17%	1%	24%	1%	26%	31%	100%
Total Revenue Requirement								
		\$ 68,811,583	\$ 26,457,227	\$ 14,677,900	\$ 10,160,837	\$ 17,265,632	\$ 43,134,486	\$ 180,507,665
Percent Allocations		38%	15%	8%	6%	10%	24%	100%
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California Independent System Operator 2006 GMC Cost Allocation Model Settlement Rate Structure Draft and Preliminary, for discussion purposes only										
Rate Development										
	CRS - Peak	CRS - Off Peak	CRS Export Rate	ETS-NE	ETS-UE	FS	CONG	MU	SMCR	Total
Revenue Requirement	\$ 68,811,583	\$ -	\$ -	\$ 21,165,782	\$ 5,291,445	\$ 14,677,900	\$ 10,160,837	\$ 17,265,632	\$ 43,134,486	\$ 180,507,665
Reassigned SMCR	\$ -	\$ -	\$ -	\$ 23,928,652	\$ 5,982,163	\$ -	\$ 3,498,610	\$ 9,113,231	\$ (42,522,656)	\$ -
AS Filed Revenue Requirement	\$ 68,811,583	\$ -	\$ -	\$ 45,094,434	\$ 11,273,608	\$ 14,677,900	\$ 13,659,447	\$ 26,378,863	\$ 611,830	\$ 180,507,665
Reassignment of revenues per 2004 GMC Settlement										
CRS discount (35%)	\$ (24,084,054)	\$ -	\$ -	\$ 24,084,054	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FS discount (20%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,935,580)	\$ 2,935,580	\$ -	\$ -	\$ -
CRS split to off peak and export	\$ (6,302,102)	\$ 1,283,230	\$ 5,018,872	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FS split to inter SC trade	\$ -	\$ -	\$ -	\$ 2,023,782	\$ 505,945	\$ (3,596,382)	\$ 295,897	\$ 770,758	\$ -	\$ 0
Other Settlement revenue	\$ (75,220)	\$ (2,512)	\$ (778,313)	\$ (746,520)	\$ (80,013)	\$ (50,709)	\$ (4,432)	\$ (64,238)	\$ -	\$ (1,801,957)
Total Settlement reassignments	\$ (30,461,376)	\$ 1,280,718	\$ 4,240,559	\$ 25,361,316	\$ 425,932	\$ (6,582,671)	\$ 3,227,046	\$ 706,519	\$ -	\$ (1,801,957)
Revenue Requirement	\$ 38,350,206	\$ 1,280,718	\$ 4,240,559	\$ 70,455,750	\$ 11,699,540	\$ 8,095,229	\$ 16,886,493	\$ 27,085,382	\$ 611,830	\$ 178,705,708
Billing units (adj for discounts)	434,172	21,969	9,680,391	236,897,806	14,283,304	9,894,856	98,166,513	54,169,682	1,224	
Settlement rates	MW-months \$ 88.3295	MW-months \$ 58.2974	MWh \$ 0.4381	MWh \$ 0.2974	MWh \$ 0.8191	Schedules \$ 0.8181	MWh \$ 0.1720	MWh \$ 0.5000	Customer months \$ 500.0000	
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California Independent System Operator 2006 GMC Cost Allocation Model Settlement Rate Structure Draft and Preliminary, for discussion purposes only						
Rate Development						
Development of Peak/Off Peak CRS Rates						
		CRS Peak		CRS off peak		
		Load	Export	Load	Export	
NCP	515,560	434,172	44,980	21,969	14,440	
Escalation	-	-	-	-	-	
Subtotal	515,560	434,172	44,980	21,969	14,440	
Additional Discounts @65%	2,493	0	1,627	0	866	Application of targeted CRS discount
Escalated Total	518,054	434,172	46,607	21,969	15,306	
Revenue collected	\$ 44,727,529	\$ 37,485,402	\$ 4,023,909	\$ 1,896,726	\$ 1,321,491	
Off Peak discount @						
32%		\$ 940,024	\$ 100,908	\$ (613,496)	\$ (427,436)	Application of off peak CRS discount
Revenue after off peak discount	\$ 44,727,529	\$ 38,425,427	\$ 4,124,817	\$ 1,283,230	\$ 894,055	
Remaining revenue req	\$ 44,727,529	\$ 38,425,427	\$ 4,124,817	\$ 1,283,230	\$ 894,055	
Remaining NCP		434,172	46,607	21,969	15,306	
CRS NCP load rate		\$ 88.503		\$ 58.412		
CRS off peak discount				34.00%		
Development of CRS Volumetric Export Rate						
	Total (MWh)	Load (MWh)	Export (MWh)			
Billing Units	238,512,049	227,217,416	11,294,634			
Escalation	-	-	-			
Subtotal	238,512,049	227,217,416	11,294,634			
Less Discounted volume @65%	(1,614,243)	-	(1,614,243)			Application of targeted ETS discount
Escalated Total	236,897,806	227,217,416	9,680,391			
Export revenue (from above)			\$ 5,018,872	CRS demand revenue requirement, sum of peak and off peak CRS		
Remaining revenue req			\$ 5,018,872			
CRS volumetric export rate before revenue adjustment			\$ 0.5185			

California Independent System Operator 2006 GMC Cost Allocation Model Settlement Rate Structure Draft and Preliminary, for discussion purposes only									
Rate Development									
Development of Forward Scheduling Rate									
	Non IST	Inter SC trades	Total						
Billing Units	5,526,337	8,737,037	14,263,374						
Escalation	-	-	-						
Subtotal	5,526,337	8,737,037	14,263,374						
Total Billable Schedule count	5,526,337	8,737,037	14,263,374						
Discounted volume @50%	-	4,368,519	4,368,519	Application of Inter SC trade discount					
Escalated Total	5,526,337	4,368,519	9,894,856						
Forward Scheduling Rate before Discounts	\$ 1.029	\$ 1.029	\$ 1.029						
Revenue before discount	\$ 5,686,945	\$ 8,990,955	\$ 14,677,900						
Revenue Discount @ 20%	\$ 1,137,389	\$ 1,798,191	\$ 2,935,580	Application of 20% reduction in FS revenue					
Revenue After discount	\$ 4,549,556	\$ 7,192,764	\$ 11,742,320						
Discounted Rate (20%)	0.823	0.823	0.823						
Discounted Rate (20% and 50% discount for Inter SC trades)	0.823	0.823	0.823						
Revenue with discounts	\$ 4,549,556	\$ 3,596,382	\$ 8,145,938						
Recovered revenue	\$ -	\$ 3,596,382	\$ 3,596,382	Dollar value of Inter SC trade discount to be recovered from other charges					
Reassignment of FS proportional to SMCR - recovery of Inter SC trade discount									
	CRS	ETS-NE	ETS-UE	FS	CONG	MU			
	0%	56%	14%	0%	8%	21%			
Reassigned FS	\$ -	\$ 2,023,782	\$ 505,945	\$ -	\$ 295,897	\$ 770,758			
Notes:									
1. Calculations in highlight above are show development of rates agreed to under GMC Settlement.									
2. Adjustments are made to the billing determinant forecast to implement the discounts or accommodations agreed to in the Settlement									

Worksheets on O&M, Financing Budget, Capital Project Funding, Expense Recovery Budget, Operating and Capital Reserve and Revenue Requirement follow
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California Independent System Operator 2006 GMC Cost Allocation Model Billing Determinant Forecast Draft and Preliminary, for discussion purposes only																
	Core Reliability Services	Core Reliability Services-Peak Load	Core Reliability Services- Off Peak Load	Core Reliability Services- Export (Peak)	Core Reliability Services- Export (Off-Peak)	Core Reliability Services- Export Energy	Services- Export Energy (with discounts)	Energy & Transmission Services	Energy & Transmission Services: Net Energy	Energy & Transmission Services: Deviations	Forward Scheduling	Scheduling (without inter SC trades)	Forward Scheduling (inter SC trades)	Congestion Management	Market Usage	Settlements, Metering & Client Relations
Date	NCP by Mo	Peak NCP by Mo	Off Peak NCP by Mo	NCP by Mo	NCP by Mo	MWh	MWh	MWh	MWh	Monthly Net UE	Total Sch Count	Total Sch Count	Inter SC trades	CONG	Mkt Usage	Cust Mo
Jan-01	60,464	51,785	1,651	5,017	2,011	1,770,387	1,594,465	20,002,234	18,992,685	2,903,393	-	-	-	6,505,343	10,797,997	67
Feb-01	50,038	42,820	73	5,241	1,904	1,974,695	1,798,774	18,276,370	17,355,674	3,016,013	-	-	-	5,318,393	9,885,553	71
Mar-01	36,788	28,479	2,281	3,941	2,087	2,157,990	1,982,069	19,999,615	18,961,033	2,475,273	-	-	-	5,841,365	9,237,970	60
Apr-01	51,939	43,432	1,812	4,649	2,046	1,911,737	1,735,816	18,836,103	17,881,433	2,111,086	-	-	-	5,770,923	8,083,537	68
May-01	43,169	33,281	3,778	5,120	990	1,738,088	1,562,167	20,471,556	19,554,405	2,275,611	-	-	-	5,791,935	8,316,051	63
Jun-01	46,938	37,671	1,773	7,099	395	1,732,940	1,557,019	20,504,629	19,579,536	2,129,952	-	-	-	6,346,940	7,006,519	76
Jul-01	50,235	40,181	1,922	8,046	86	2,259,620	2,083,699	22,085,087	21,166,070	1,921,103	-	-	-	6,960,162	5,646,188	82
Aug-01	48,934	38,783	1,852	7,087	1,212	2,226,692	2,050,771	22,651,541	21,703,675	1,832,305	-	-	-	7,284,050	5,470,457	77
Sep-01	43,493	35,904	1,929	5,347	313	1,398,687	1,222,765	19,985,884	19,174,950	1,674,938	924,671	550,296	374,375	6,375,278	4,699,872	79
Oct-01	42,865	36,172	1,791	3,582	1,320	1,056,966	881,045	19,033,405	18,133,032	1,598,491	978,531	553,193	425,338	6,404,747	4,200,460	65
Nov-01	38,302	29,353	1,835	6,604	510	1,127,270	951,349	17,753,849	16,819,821	1,339,227	1,344,607	892,599	452,008	6,670,557	3,484,444	78
Dec-01	37,318	31,535	1,640	3,420	723	1,010,017	834,096	18,523,752	17,515,158	1,363,422	988,981	554,384	434,597	6,701,517	3,573,676	83
Jan-02	36,777	30,931	429	2,932	2,485	949,612	773,691	18,595,258	17,452,788	1,264,864	942,504	553,355	389,149	7,220,471	3,595,877	66
Feb-02	35,454	28,431	2,100	3,453	1,470	1,005,676	829,755	16,595,390	15,654,921	907,705	908,041	514,738	393,303	6,446,188	3,024,350	69
Mar-02	34,621	27,985	1,683	3,800	1,153	883,893	707,972	18,134,640	17,179,627	960,715	1,006,497	550,067	456,430	6,780,896	3,339,205	70
Apr-02	35,463	28,717	1,803	4,883	60	710,701	534,780	17,553,183	16,571,371	1,141,058	980,407	544,265	436,142	7,632,248	3,300,074	68
May-02	40,440	33,554	1,777	4,549	560	883,041	707,119	18,779,558	17,739,723	1,298,085	1,046,477	569,690	476,787	7,138,084	3,535,966	69
Jun-02	47,881	36,125	1,796	8,153	1,807	1,602,442	1,426,521	20,314,891	19,294,911	1,505,760	1,039,730	579,524	460,206	8,384,014	3,835,258	71
Jul-02	52,134	39,706	1,858	9,042	1,528	2,138,562	1,962,641	22,932,415	21,990,699	1,652,414	1,109,278	610,973	498,305	9,458,133	3,942,333	74
Aug-02	48,006	37,358	2,092	5,999	2,557	1,712,636	1,536,715	22,127,123	21,213,215	1,600,876	1,107,211	596,066	511,145	8,649,407	3,609,611	72
Sep-02	48,519	39,316	1,888	6,270	1,045	1,198,243	1,022,321	20,788,804	19,997,654	1,662,584	1,073,185	589,838	483,347	8,014,914	3,686,267	71
Oct-02	39,990	32,826	2,110	3,464	1,590	928,490	752,569	18,845,777	18,051,251	1,294,737	1,085,538	585,589	499,949	7,390,609	2,911,086	68
Nov-02	38,838	31,836	1,987	4,098	917	1,019,185	843,264	18,115,220	17,300,938	1,644,031	1,026,159	565,023	461,136	7,262,597	3,272,615	77
Dec-02	38,034	31,020	1,879	4,000	1,135	1,211,613	1,035,692	19,154,593	18,367,316	1,582,621	1,034,505	578,139	456,366	7,081,494	3,373,235	85
Jan-03	34,851	28,273	2,428	1,130	3,020	1,119,365	943,444	18,353,560	17,539,532	1,215,790	1,027,612	578,416	449,196	7,919,712	3,000,040	79
Feb-03	33,288	27,990	2,110	2,405	783	901,720	725,799	16,132,850	15,384,988	1,334,859	947,577	532,743	414,834	6,130,689	2,921,965	78
Mar-03	35,451	29,082	2,736	1,739	1,894	904,171	728,250	18,452,414	17,626,670	1,707,617	1,067,424	593,669	473,755	6,912,157	3,560,409	79
Apr-03	33,340	28,399	2,090	2,141	710	678,550	552,585	17,348,530	16,665,591	1,333,342	1,012,924	564,165	448,759	7,023,835	3,312,896	90
May-03	44,676	36,927	1,847	3,539	2,363	1,106,933	967,370	18,956,611	18,206,878	1,624,843	1,053,414	571,497	481,917	7,846,506	3,865,098	90
Jun-03	46,621	37,466	1,953	6,579	623	1,528,090	1,352,169	19,942,727	19,080,900	1,425,691	1,044,336	567,072	477,264	7,790,488	3,856,499	80
Jul-03	52,204	41,630	1,841	7,048	1,685	1,879,755	1,703,834	23,794,290	22,870,931	1,773,824	1,112,229	602,845	509,384	9,072,586	4,765,531	75
Aug-03	50,414	42,468	1,935	5,406	605	1,567,718	1,391,797	23,449,144	22,554,830	1,733,521	1,109,038	603,217	505,821	8,957,024	5,041,597	77
Sep-03	49,539	42,306	1,922	5,276	35	1,370,355	1,194,434	21,558,356	20,727,732	1,495,942	1,052,031	581,898	470,133	8,119,171	4,577,300	78
Oct-03	41,523	35,182	1,766	3,693	884	1,166,925	991,004	19,930,156	19,098,128	1,072,266	1,072,266	592,134	480,132	7,327,504	4,468,783	76
Nov-03	34,435	28,788	1,870	3,132	645	983,508	807,587	17,933,632	17,127,233	1,156,586	1,018,155	570,042	448,113	7,343,212	3,487,465	75
Dec-03	41,256	31,177	2,049	5,848	2,182	1,290,555	1,114,634	19,540,603	18,617,014	1,332,303	1,094,847	597,464	497,383	8,637,745	4,290,688	75

California Independent System Operator 2006 GMC Cost Allocation Model Billing Determinant Forecast Draft and Preliminary, for discussion purposes only																
	Core Reliability Services	Core Reliability Services-Peak Load	Core Reliability Services- Off Peak Load	Core Reliability Services- Export (Peak)	Core Reliability Services- Export (Off-Peak)	Core Reliability Services- Export Energy	Services- Export Energy (with discounts)	Energy & Transmission Services	Energy & Transmission Services: Net Energy	Energy & Transmission Services: Deviations	Forward Scheduling	Scheduling (without inter SC trades)	Forward Scheduling (inter SC trades)	Congestion Management	Market Usage	Settlements, Metering & Client Relations
Date	NCP by Mo	Peak NCP by Mo	Off Peak NCP by Mo	NCP by Mo	NCP by Mo	MWh	MWh	MWh	MWh	Monthly Net UE	Total Sch Count	Total Sch Count	Inter SC trades	CONG	Mkt Usage	Cust Mo
Jan-04	38,411	29,542	2,192	4,174	2,503	651,069	547,689	18,656,463	18,553,083	1,158,583	1,236,999	430,471	769,015	8,091,059	3,647,681	82
Feb-04	36,891	29,254	2,580	4,479	578	707,919	589,972	17,287,100	17,169,153	1,084,269	1,131,184	406,552	689,153	7,576,169	3,825,190	80
Mar-04	38,317	31,402	2,188	3,231	1,496	649,217	503,408	18,516,232	18,370,423	1,308,459	1,199,901	461,229	720,643	7,697,969	4,176,664	80
Apr-04	42,633	36,752	1,794	2,834	1,253	522,740	450,086	17,742,132	17,669,478	1,288,167	1,135,581	440,395	677,915	6,845,542	3,978,031	81
May-04	44,492	40,090	19	2,651	1,733	702,381	542,742	19,470,433	19,310,793	1,462,001	1,217,094	457,104	720,158	7,603,659	4,217,120	83
Jun-04	44,855	37,425	1,658	4,896	876	768,300	623,094	20,080,132	19,934,926	1,471,473	1,223,583	461,364	742,319	7,904,043	4,134,021	88
Jul-04	50,684	42,382	1,831	5,323	1,148	1,085,946	979,531	22,938,502	22,832,086	1,735,087	1,278,176	481,324	777,329	9,048,144	5,297,768	89
Aug-04	51,375	43,067	1,883	4,556	1,869	1,158,727	999,124	23,022,903	22,863,300	1,835,497	1,282,486	483,920	779,288	8,903,401	5,544,234	93
Sep-04	52,481	44,332	1,909	5,620	620	830,990	674,524	21,559,435	21,402,968	1,855,884	1,234,525	461,811	752,835	8,812,132	5,169,000	92
Oct-04	38,413	33,625	1,958	2,830	-	690,204	530,028	19,108,695	18,948,518	1,186,434	1,215,707	455,806	739,999	8,315,896	4,925,720	90
Nov-04	35,652	31,816	1,825	1,086	925	565,436	407,328	18,203,107	18,044,999	999,909	1,134,289	438,107	675,913	8,326,963	4,535,138	89
Dec-04	37,847	32,390	1,807	2,635	1,015	580,297	451,459	19,582,947	19,454,110	1,031,515	1,180,560	466,584	692,470	9,041,535	4,719,115	90
Jan-05	37,173	31,094	2,026	2,405	1,648	846,055	684,853	18,828,180	18,666,978	1,093,869	1,163,636	472,337	691,299	9,508,804	4,565,456	97
Feb-05	34,559	29,577	1,841	1,783	1,358	648,825	535,728	16,509,369	16,396,272	892,552	1,036,268	415,566	620,702	8,572,791	4,168,376	100
Mar-05	35,034	29,562	1,261	2,354	1,856	823,503	662,108	18,076,908	17,915,513	1,093,451	1,151,501	458,378	693,123	8,994,238	4,845,853	99
Apr-05	33,823	29,102	1,698	1,734	1,289	433,334	348,408	17,444,759	17,359,832	999,100	1,096,303	453,966	642,337	7,968,699	3,726,719	101
May-05	41,667	35,266	1,660	3,097	1,644	875,216	721,673	19,363,058	19,209,516	1,168,529	1,219,772	498,877	720,895	8,785,900	4,371,180	103
Jun-05	49,059	38,156	1,901	7,703	1,299	1,077,054	935,555	19,815,235	19,673,736	953,167	1,236,543	509,343	727,200	8,757,715	3,815,886	105
Jul-05	58,417	45,247	2,053	10,100	1,017	1,757,118	1,621,875	24,624,405	24,489,162	1,173,398	1,328,721	556,685	772,036	12,062,959	4,864,354	108
Aug-05	50,071	43,254	1,884	3,879	1,054	1,444,747	1,253,287	22,837,283	22,645,824	1,632,224	1,249,842	452,224	797,618	7,278,097	5,313,787	102
Sep-05	49,977	43,303	1,856	3,789	1,030	1,039,983	902,163	20,995,742	20,857,922	1,559,298	1,208,346	434,259	774,088	6,745,626	5,028,220	102
Oct-05	41,623	36,868	1,850	2,284	621	832,846	722,476	19,250,249	19,139,880	1,281,893	1,210,118	436,038	774,079	6,340,146	4,606,358	102
Nov-05	37,602	32,584	1,824	2,511	683	800,945	694,802	18,020,868	17,914,726	1,198,085	1,156,324	410,846	745,478	6,375,590	4,228,144	102
Dec-05	38,936	33,742	1,790	2,676	728	887,009	769,461	19,221,184	19,103,636	1,237,738	1,206,000	427,818	778,182	6,775,949	4,635,349	102
Jan-06	42,706	36,126	1,637	3,743	1,201	874,142	749,209	19,151,323	19,026,389	1,243,891	1,158,898	449,365	709,534	8,138,614	3,887,330	102
Feb-06	39,229	33,032	1,676	3,422	1,099	893,527	765,823	17,298,235	17,170,531	1,205,908	1,078,883	418,495	660,388	6,971,285	3,708,177	102
Mar-06	36,349	30,063	2,171	3,114	1,000	894,551	766,701	19,023,504	18,895,654	1,226,672	1,187,649	458,711	728,937	7,453,239	4,203,323	102
Apr-06	41,957	35,295	1,832	3,657	1,174	744,357	637,972	18,105,813	17,999,429	1,116,704	1,141,847	438,407	703,440	7,464,231	4,019,166	102
May-06	43,853	36,979	1,813	3,831	1,230	862,464	739,200	19,675,815	19,552,550	1,266,308	1,190,665	464,759	725,906	7,767,380	4,408,970	102
Jun-06	45,207	38,222	1,754	3,960	1,271	1,096,324	939,636	20,477,309	20,320,621	1,242,036	1,193,749	463,451	730,298	8,327,159	4,487,750	102
Jul-06	49,719	42,132	1,820	4,365	1,401	1,433,511	1,228,632	23,243,511	23,035,396	1,346,517	1,260,251	490,358	769,894	9,452,995	5,314,980	102
Aug-06	49,145	41,561	1,896	4,306	1,382	1,297,611	1,112,155	23,113,731	22,928,275	1,331,264	1,254,696	490,225	764,471	9,249,056	5,387,011	102
Sep-06	49,170	41,608	1,868	4,311	1,384	934,069	800,571	21,249,897	21,116,399	1,271,785	1,212,668	470,750	741,919	8,572,388	5,097,509	102
Oct-06	42,135	35,425	1,863	3,670	1,178	748,028	641,119	19,483,276	19,376,367	1,045,529	1,214,590	472,679	741,910	8,057,101	4,669,833	102
Nov-06	37,430	31,309	1,836	3,244	1,041	719,375	616,561	18,239,013	18,136,199	977,174	1,159,867	445,370	714,498	8,102,143	4,286,408	102
Dec-06	38,660	32,421	1,802	3,359	1,078	796,674	682,813	19,453,858	19,339,997	1,009,516	1,209,611	463,768	745,843	8,610,923	4,699,224	102

California Independent System Operator 2006 GMC Cost Allocation Model Billing Determinant Forecast Draft and Preliminary, for discussion purposes only																
	Core Reliability Services	Core Reliability Services-Peak Load	Core Reliability Services- Off Peak Load	Core Reliability Services- Export (Peak)	Core Reliability Services- Export (Off-Peak)	Core Reliability Services- Export Energy	Services- Export Energy (with discounts)	Energy & Transmission Services	Energy & Transmission Services: Net Energy	Energy & Transmission Services: Deviations	Forward Scheduling	Scheduling (without inter SC trades)	Forward Scheduling (inter SC trades)	Congestion Management	Market Usage	Settlements, Metering & Client Relations
Date	NCP by Mo	Peak NCP by Mo	Off Peak NCP by Mo	NCP by Mo	NCP by Mo	MWh	MWh	MWh	MWh	Monthly Net UE	Total Sch Count	Total Sch Count	Inter SC trades	CONG	Mkt Usage	Cust Mo
Totals 01-01 to 12-01	550,483	449,396	22,337	65,153	13,597	20,365,089	18,254,034	238,124,024	226,837,472	24,640,814	4,236,790	2,550,472	1,686,318	75,971,211	80,402,724	869
Totals 01-02 to 12-02	496,157	397,805	21,402	60,643	16,307	14,244,093	12,133,039	231,936,853	220,814,415	16,515,450	12,359,532	6,837,267	5,522,265	91,459,057	41,425,877	860
Totals 01-03 to 12-03	497,600	409,688	24,547	47,936	15,429	14,497,645	12,472,905	235,392,873	225,500,426	17,553,942	12,611,853	6,955,162	5,656,691	93,080,630	47,148,269	952
Totals 01-04 to 12-04	512,052	432,077	21,644	44,315	14,016	8,913,227	7,298,984	236,168,081	234,553,838	16,417,278	14,470,085	5,444,667	8,737,037	98,166,513	54,169,682	1,037
Totals 01-05 to 12-05	507,941	427,756	21,644	44,315	14,226	11,466,633	9,852,390	234,987,241	233,372,998	14,283,304	14,263,374	5,526,337	8,737,037	98,166,513	54,169,682	1,224
Totals 01-06 to 12-06	515,560	434,172	21,969	44,980	14,440	11,294,634	9,680,391	238,512,049	236,897,806	14,283,304	14,263,374	5,526,337	8,737,037	98,166,513	54,169,682	1,224
									2,483,450							
%change 01-02	-9.9%	-11.5%	-4.2%	-6.9%	19.9%	-30.1%	-33.5%	-2.6%	-2.7%	-33.0%	191.7%	168.1%	227.5%	20.4%	-48.5%	-1.0%
%change 02-03	0.3%	3.0%	14.7%	-21.0%	-5.4%	1.8%	2.8%	1.5%	2.1%	6.3%	2.0%	1.7%	2.4%	1.8%	13.8%	10.7%
%change 03-04	2.9%	5.5%	-11.8%	-7.6%	-9.2%	-38.5%	-41.5%	0.3%	4.0%	-6.5%	14.7%	-21.7%	54.5%	5.5%	14.9%	8.9%
%change 04-05	-0.8%	-1.0%	0.0%	0.0%	1.5%	28.6%	35.0%	-0.5%	-0.5%	-13.0%	-1.4%	1.5%	0.0%	0.0%	0.0%	18.0%
%change 05-06	1.5%	1.5%	1.5%	1.5%	1.5%	-1.5%	-1.7%	1.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Est Escl Factor 04-05	-0.80%	-1.00%	0.00%	0.00%	1.50%	28.65%	34.98%	-0.50%	-0.50%	-13.00%	-1.43%	1.50%	0.00%	0.00%	0.00%	18.00%
Est Escl Factor 05-06	1.50%	1.50%	1.50%	1.50%	1.50%	-1.50%	-1.75%	1.50%	1.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Notes:																
Historical data excludes COTP and SWPL related transactions and load and exports																
Sums may not equal totals due to rounding.																
Load growth is approximately 1.5%, the long run average growth rate of load.																

<p align="center">California Independent System Operator 2006 GMC Cost Allocation Model Draft and Preliminary, for discussion purposes only Summary of Operations and Maintenance Revenue Requirement</p>								
		Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total
Operations and Maintenance								
1100	CEO	\$ 842,416	\$ 402,239	\$ 109,584	\$ 116,897	\$ 275,155	\$ 404,433	\$ 2,150,723
1200	MD02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1300	Finance	\$ 7,107,515	\$ 3,467,903	\$ 584,156	\$ 678,930	\$ 1,663,038	\$ 2,636,077	\$ 16,137,619
1400	Information Services	\$ 17,902,373	\$ 3,529,830	\$ 5,350,457	\$ 1,537,572	\$ 4,080,995	\$ 14,542,983	\$ 46,944,211
1500	Grid Operations	\$ 17,975,154	\$ 9,196,999	\$ -	\$ -	\$ -	\$ -	\$ 27,172,153
1600	Legal and Regulatory	\$ 5,774,077	\$ 3,957,389	\$ 609,965	\$ 1,544,963	\$ 3,300,546	\$ 2,321,618	\$ 17,508,557
1700	Market Services	\$ 2,647,589	\$ 491,333	\$ 947,809	\$ 1,199,845	\$ 2,975,374	\$ 8,053,862	\$ 16,315,811
1800	Corporate and Strategic Development	\$ 3,369,840	\$ 1,644,136	\$ 276,648	\$ 321,093	\$ 788,186	\$ 1,251,189	\$ 7,651,092
2100	Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations and Maintenance		\$ 55,618,963	\$ 22,689,829	\$ 7,878,619	\$ 5,399,299	\$ 13,083,294	\$ 29,210,162	\$ 133,880,166
	Percent	42%	17%	6%	4%	10%	22%	100%
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Summary of Capital Project Funding Revenue Requirement								
		Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total
Financing Budget - New Issue								
	Non-MRTU Capital	\$ 4,024,054	\$ 1,038,146	\$ 694,781	\$ 274,007	\$ 998,597	\$ 2,970,415	\$ 10,000,000
	MRTU Capital	\$ 1,294,976	\$ 12,859	\$ 3,938,567	\$ 2,432,696	\$ 7,290,976	\$ 6,803,659	\$ 21,773,733
2006 Total Capital Project Funding								
		\$ 5,319,030	\$ 1,051,005	\$ 4,633,348	\$ 2,706,703	\$ 8,289,573	\$ 9,774,074	\$ 31,773,733
2005 Total Capital Project Funding								
		\$ 7,365,854	\$ 728,002	\$ 14,790,976	\$ 5,018,364	\$ 14,958,368	\$ 17,877,436	\$ 60,739,000
Total Bond Financed Expenditures (2005-2006)								
		\$ 12,684,884	\$ 1,779,007	\$ 19,424,324	\$ 7,725,067	\$ 23,247,941	\$ 27,651,510	\$ 92,512,733
	Percent of total	13.71%	1.92%	21.00%	8.35%	25.13%	29.89%	100.00%
Bond financing - new issue								
		\$ 3,820,470	\$ 535,806	\$ 5,850,274	\$ 2,326,658	\$ 7,001,882	\$ 8,328,162	\$ 27,863,253
	10/6/2005 15:42 bta							

California Independent System Operator 2006 GMC Cost Allocation Model Draft and Preliminary, for discussion purposes only Summary of Revenue Requirement Calculation								
		Core Reliability	Energy Transmission Services	Forward Scheduling	Congestion Management	Market Usage	Settlements, Metering and Client Relations	Total
Revenue Requirement								
	Operations and Maintenance	\$ 55,618,963	\$ 22,689,829	\$ 7,878,619	\$ 5,399,299	\$ 13,083,294	\$ 29,210,162	\$ 133,880,166
	Financing Budget-old issue	\$ 18,140,549	\$ 4,296,483	\$ 8,267,828	\$ 2,813,198	\$ 5,115,006	\$ 15,541,519	\$ 54,174,584
	Financing Budget-new issue	\$ 3,820,470	\$ 535,806	\$ 5,850,274	\$ 2,326,658	\$ 7,001,882	\$ 8,328,162	\$ 27,863,253
Revenue Requirement before application of other credits		\$ 77,579,983	\$ 27,522,118	\$ 21,996,721	\$ 10,539,156	\$ 25,200,182	\$ 53,079,842	\$ 215,918,002
	Percent of Total	36%	13%	10%	5%	12%	25%	100%
Other Credits								
	Expense Recovery Budget	\$ (3,552,679)	\$ (766,871)	\$ (149,757)	\$ (71,752)	\$ (171,566)	\$ (436,375)	\$ (5,149,000)
	Operating and Capital Reserves	\$ (5,215,721)	\$ (298,020)	\$ (7,169,064)	\$ (306,567)	\$ (7,762,984)	\$ (9,508,982)	\$ (30,261,337)
Total Other Credits		\$ (8,768,400)	\$ (1,064,891)	\$ (7,318,821)	\$ (378,319)	\$ (7,934,550)	\$ (9,945,357)	\$ (35,410,337)
Total Revenue Requirement		\$ 68,811,583	\$ 26,457,227	\$ 14,677,900	\$ 10,160,837	\$ 17,265,632	\$ 43,134,486	\$ 180,507,665
	Percent of Total	38%	15%	8%	6%	10%	24%	100%
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Conversion of Revenues from Settlement Rates to As Filed Rates												
Settlement Rate Structure												
	CRS - Peak	CRS - Off Peak	CRS Export Rate	ETS-NE	ETS-UE	FS	CONG	MU	SMCR			
As Filed Rate Structure	CRS	100%	100%	100%	34%	0%	0%	0%	0%			
	ETS	0%	0%	0%	29%	45%	0%	0%	0%			
	FS	0%	0%	0%	3%	4%	100%	19%	3%	0%		
	CONG	0%	0%	0%	0%	0%	0%	60%	0%	0%		
	MU	0%	0%	0%	0%	0%	0%	0%	64%	0%		
	SMCR	0%	0%	0%	34%	51%	0%	21%	34%	100%		
	total	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Forecasted Revenues												
	\$ 38,350,206	\$ 1,280,718	\$ 4,240,559	\$ 70,455,750	\$ 11,699,540	\$ 8,095,229	\$ 16,886,493	\$ 27,085,382	\$ 611,830	\$ 178,705,708		
											Totals as filed	
As Filed Rate Structure	CRS	\$ 38,350,206	\$ 1,280,718	\$ 4,240,559	\$ 24,084,054	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,955,537	
	ETS	\$ -	\$ -	\$ -	\$ 20,419,262	\$ 5,211,432	\$ -	\$ -	\$ -	\$ -	\$ 25,630,694	
	FS	\$ -	\$ -	\$ -	\$ 2,023,782	\$ 505,945	\$ 8,095,229	\$ 3,231,477	\$ 770,758	\$ -	\$ 14,627,191	
	CONG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,156,406	\$ -	\$ -	\$ 10,156,406	
	MU	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,201,394	\$ -	\$ 17,201,394	
	SMCR	\$ -	\$ -	\$ -	\$ 23,928,652	\$ 5,982,163	\$ -	\$ 3,498,610	\$ 9,113,231	\$ 611,830	\$ 43,134,486	
	Total	\$ 38,350,206	\$ 1,280,718	\$ 4,240,559	\$ 70,455,750	\$ 11,699,540	\$ 8,095,229	\$ 16,886,493	\$ 27,085,382	\$ 611,830	\$ 178,705,708	
This sheet shows the revenue equivalence between revenues under Settlement rates and those that were filed on October 29, 2003.												