

Exhibit No. ISO-21

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Table 1 Gross Load, High Voltage TRR, and Average Cost of Transmission

Table 2 TAC Determination

Table 3 Calculation of Estimated TAC Cost Shift

Table 1
Gross Load, High Voltage TRR, and Average Cost of Transmission Page 1 of 5

Company	TAC Area	Gross Load (GWh)														
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PGE	OPTO 1	86,454	86,197	85,707	85,707	85,707	85,707	85,707	85,707	85,707	85,707	85,707	85,707	85,707	85,707	85,707
SCE	OPTO 2	78,428	79,910	84,358	84,358	84,358	84,358	84,358	84,358	84,358	84,358	84,358	84,358	84,358	84,358	84,358
SDGE	OPTO 4	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701	17,701
CDWR-N	New PTO 1	-	-	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215
WAPA	New PTO 1	-	-	4,229	4,229	4,229	4,229	4,229	4,229	4,229	4,229	4,229	4,229	4,229	4,229	4,229
MID	New PTO 1	-	-	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357	2,357
Other*	New PTOs 1	-	-	18,243	18,243	18,243	18,243	18,243	18,243	18,243	18,243	18,243	18,243	18,243	18,243	18,243
Anaheim	New PTO 2	-	-	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590
Azusa	New PTO 2	-	-	240	240	240	240	240	240	240	240	240	240	240	240	240
Banning	New PTO 2	-	-	139	139	139	139	139	139	139	139	139	139	139	139	139
Riverside	New PTO 2	-	-	1,814	1,814	1,814	1,814	1,814	1,814	1,814	1,814	1,814	1,814	1,814	1,814	1,814
Vernon	New PTO 2	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211	1,211
CDWR-S	New PTO 2	-	-	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215	4,215
Colton	New PTO 2	-	-	318	318	318	318	318	318	318	318	318	318	318	318	318
Other**	New PTOs 2	-	-	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416
LADWP	New PTO 3	-	-	23,493	23,493	23,493	23,493	23,493	23,493	23,493	23,493	23,493	23,493	23,493	23,493	23,493
Other***	New PTOs 3	-	-	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398
TransElect																
OPTOs		182,583	183,808	187,766	187,766	187,766	187,766	187,766	187,766	187,766	187,766	187,766	187,766	187,766	187,766	187,766
New PTOs - Area 1		-	-	29,044	29,044	29,044	29,044	29,044	29,044	29,044	29,044	29,044	29,044	29,044	29,044	29,044
New PTOs - Area 2		1,211	1,211	13,943	13,943	13,943	13,943	13,943	13,943	13,943	13,943	13,943	13,943	13,943	13,943	13,943
New PTOs - Area 3		-	-	25,891	25,891	25,891	25,891	25,891	25,891	25,891	25,891	25,891	25,891	25,891	25,891	25,891
TOTAL		183,794	185,019	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643

Notes:
Source: Exhibit No. ISO-22.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Headsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena
- *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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Company	TAC Area	High Voltage FRR for Existing & New Facilities (\$'000)														
		2001 [16]	2002 [17]	2003 [18]	2004 [19]	2005 [20]	2006 [21]	2007 [22]	2008 [23]	2009 [24]	2010 [25]	2011 [26]	2012 [27]	2013 [28]	2014 [29]	2015 [30]
PGE	OPTO 1	135,361	215,703	116,275	203,733	221,687	221,429	221,194	219,433	218,761	218,111	217,479	216,863	216,263	215,664	213,281
SCE	OPTO 2	154,955	140,125	177,009	177,009	177,009	177,009	177,009	177,009	177,009	177,009	177,009	177,009	177,009	177,009	177,009
SDGE	OPTO 4	35,675	46,193	42,137	42,137	42,137	42,137	42,137	42,137	42,137	42,137	42,137	42,137	42,137	42,137	42,137
CDWR-N	New PTO 1	-	-	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251
WAPA	New PTO 1	-	-	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496
MID	New PTO 1	-	-	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136
Other*	New PTOs 1	-	-	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362
Anaheim	New PTO 2	-	-	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665
Azusa	New PTO 2	-	-	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813
Banning	New PTO 2	-	-	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262
Riverside	New PTO 2	-	-	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482
Vernon	New PTO 2	9,852	9,852	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176
CDWR-S	New PTO 2	-	-	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251
Colton	New PTO 2	-	-	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552
Other**	New PTOs 2	-	-	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854
LADWP	New PTO 3	-	-	153,500	153,500	153,500	153,500	153,500	153,500	153,500	153,500	153,500	153,500	153,500	153,500	153,500
Other***	New PTOs 3	-	-	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174
TransElect		-	-	-	46,166	45,504	44,899	40,370	38,642	36,972	35,345	33,761	32,220	30,679	24,552	
OPTOs		325,991	402,021	335,421	422,879	440,833	440,575	438,579	437,907	437,907	437,257	436,624	436,008	435,409	434,810	432,427
New PTOs - Area 1		-	-	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244
New PTOs - Area 2		9,852	9,852	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054
New PTOs - Area 3		-	-	176,674	176,674	176,674	176,674	176,674	176,674	176,674	176,674	176,674	176,674	176,674	176,674	176,674
TOTAL		335,843	411,873	715,393	802,851	866,971	866,051	858,921	856,521	854,201	851,941	849,741	847,601	845,461	836,951	836,951

Notes:
Source: Exhibit No. ISO-22

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 1
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Company	TAC Area	Average HV Transmission Costs for Existing & New Facilities (\$/MWh)														
		2001 [31]	2002 [32]	2003 [33]	2004 [34]	2005 [35]	2006 [36]	2007 [37]	2008 [38]	2009 [39]	2010 [40]	2011 [41]	2012 [42]	2013 [43]	2014 [44]	2015 [45]
PGE	OPTO 1	1.57	2.50	1.36	2.38	2.59	2.58	2.58	2.56	2.55	2.54	2.54	2.53	2.52	2.52	2.49
SCE	OPTO 2	1.98	1.75	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10
SDGE	OPTO 4	2.02	2.61	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38
CDWR-N	New PTO 1	-	-	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
WAPA	New PTO 1	-	-	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95
MID	New PTO 1	-	-	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57
Other*	New PTOs 1	-	-	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13
Anaheim	New PTO 2	-	-	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14
Azusa	New PTO 2	-	-	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57
Banning	New PTO 2	-	-	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05
Riverside	New PTO 2	-	-	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74
Vernon	New PTO 2	8.14	8.14	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41
CDWR-S	New PTO 2	-	-	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
Colton	New PTO 2	-	-	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03
Other**	New PTOs 2	-	-	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35
LADWP	New PTO 3	-	-	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53
Other***	New PTOs 3	-	-	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66
TransElect		-	-	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF
OPTOs		1.79	2.19	1.79	2.25	2.35	2.35	2.34	2.34	2.33	2.33	2.33	2.32	2.32	2.32	2.30
New PTOs - Area 1		-	-	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97
New PTOs - Area 2		8.14	8.14	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32
New PTOs - Area 3		-	-	6.82	6.82	6.82	6.82	6.82	6.82	6.82	6.82	6.82	6.82	6.82	6.82	6.82
TOTAL		1.83	2.23	2.79	3.13	3.38	3.37	3.37	3.35	3.34	3.33	3.32	3.31	3.30	3.29	3.26

Notes:
Calculated as (Page 2 of Table 1) / (Page 1 of Table 1).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Headsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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		High Voltage TRR for Existing Facilities Only (\$1000)													
Company	TAC Area	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2012	2013	2014	2015
		(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(60)
PGE	OPTO 1	135,361	215,703	116,275	154,837	154,837	154,837	154,837	154,837	154,837	154,837	154,837	154,837	154,837	154,837
SCE	OPTO 2	154,955	138,362	169,946	169,946	169,946	169,946	169,946	169,946	169,946	169,946	169,946	169,946	169,946	169,946
SDGE	OPTO 4	35,675	45,622	41,322	41,322	41,322	41,322	41,322	41,322	41,322	41,322	41,322	41,322	41,322	41,322
CDWR-N	New PTO 1	-	-	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251
WAPA	New PTO 1	-	-	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496
MID	New PTO 1	-	-	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136	13,136
Other*	New PTOs 1	-	-	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362	75,362
Anaheim	New PTO 2	-	-	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665	23,665
Azusa	New PTO 2	-	-	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813	1,813
Banning	New PTO 2	-	-	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262
Riverside	New PTO 2	-	-	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482	19,482
Vernon	New PTO 2	9,852	9,852	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176	10,176
CDWR-S	New PTO 2	-	-	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251	14,251
Colton	New PTO 2	-	-	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552
Other**	New PTOs 2	-	-	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854	14,854
LADWP	New PTO 3	-	-	141,500	141,500	141,500	141,500	141,500	141,500	141,500	141,500	141,500	141,500	141,500	141,500
Other***	New PTOs 3	-	-	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174	23,174
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		325,991	399,687	327,543	366,105	366,105	366,105	366,105	366,105	366,105	366,105	366,105	366,105	366,105	366,105
New PTOs - Area 1		-	-	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244	115,244
New PTOs - Area 2		9,852	9,852	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054	88,054
New PTOs - Area 3		-	-	164,674	164,674	164,674	164,674	164,674	164,674	164,674	164,674	164,674	164,674	164,674	164,674
TOTAL		335,843	409,540	695,515	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077

Notes:
Source: Exhibit No. ISO-22.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 1
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		Average HV Transmission Costs for Existing Facilities Only (\$/MWh)														
Company	TAC Area	2001 [61]	2002 [62]	2003 [63]	2004 [64]	2005 [65]	2006 [66]	2007 [67]	2008 [68]	2009 [69]	2010 [70]	2011 [71]	2012 [72]	2013 [73]	2014 [74]	2015 [75]
PGE	OPTO 1	1.57	2.50	1.36	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81
SCE	OPTO 2	1.98	1.73	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01
SDGE	OPTO 4	2.02	2.58	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33
CDWR-N	New PTO 1	-	-	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
WAPA	New PTO 1	-	-	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95
MID	New PTO 1	-	-	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57
Other*	New PTOs 1	-	-	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13
Anaheim	New PTO 2	-	-	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14
Azusa	New PTO 2	-	-	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57	7.57
Banning	New PTO 2	-	-	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05
Riverside	New PTO 2	-	-	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74
Vernon	New PTO 2	8.14	8.14	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41
CDWR-S	New PTO 2	-	-	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
Colton	New PTO 2	-	-	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03
Other**	New PTOs 2	-	-	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35
LADWP	New PTO 3	-	-	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02	6.02
Other***	New PTOs 3	-	-	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66
TransElect		-	-	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF	NMF
OPTOs		1.79	2.17	1.74	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
New PTOs - Area 1		-	-	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97
New PTOs - Area 2		8.14	8.14	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32
New PTOs - Area 3		-	-	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36	6.36
TOTAL		1.83	2.21	2.71	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86

Notes:
Calculated as (Page 4 of Table 1)/(Page 1 of Table 1).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

**Table 2
TAC Determination (Existing & New Facilities)** Page 1 of 9

TAC Area	HV TRR for TAC Areas (\$1000)														
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Northern Area	121,825	172,563	81,392	162,049	135,041	108,033	81,024	54,016	27,008	-	-	-	-	-	-
East/Central Area	148,326	118,571	158,441	98,805	129,000	103,200	77,400	51,600	25,800	-	-	-	-	-	-
West/Central Area	-	-	-	98,805	82,337	65,870	49,402	32,935	16,467	-	-	-	-	-	-
Southern	32,108	36,498	28,925	24,793	20,661	16,529	12,397	8,264	4,132	-	-	-	-	-	-
ISO-Wide Component	33,584	84,242	123,060	382,405	453,766	526,916	600,089	671,735	744,471	817,229	816,596	815,980	815,381	814,782	812,399
Total HV Rev. Req.	335,843	411,873	391,818	802,851	820,805	820,547	820,312	818,551	817,879	817,229	816,596	815,980	815,381	814,782	812,399

Note: TAC Area HV TRR equal to sum of Page 5 of Table 2 by area. ISO-wide HV TRR equal to sum of Page 6 of Table 2 by area plus sum of Page 7 of Table 2 by area.

TAC Area	Gross Load by TAC Area (MWh)														
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Northern Area	77,809	68,957	98,995	88,851	57,376	45,900	34,425	22,950	11,475	-	-	-	-	-	-
East/Central Area	71,675	64,897	63,246	58,980	49,150	39,320	29,490	19,660	9,830	-	-	-	-	-	-
West/Central Area	-	-	-	15,535	12,946	10,356	7,767	5,178	2,589	-	-	-	-	-	-
Southern	15,931	14,161	12,390	10,620	8,850	7,080	5,310	3,540	1,770	-	-	-	-	-	-
ISO-Wide Component	18,379	37,004	58,128	102,657	128,322	153,986	179,650	205,315	230,978	256,643	256,643	256,643	256,643	256,643	256,643
Total ISO Load	183,794	185,019	193,759	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643

Note: TAC Area Gross Load equal to sum of Page 8 of Table 2 by area. ISO-wide Gross Load equal to sum of Page 9 of Table 2 by area.

TAC Area	Rate of Transition to ISO-wide														
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Northern Area	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%
East/Central Area	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%
West/Central Area	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%
Southern	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%

TAC Area Component:	HV Average Cost Components by TAC Area (\$/MWh)														
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Northern Area	1.41	2.00	0.95	1.41	1.18	0.94	0.71	0.47	0.24	-	-	-	-	-	-
East/Central Area	1.86	1.46	1.75	1.57	1.31	1.05	0.79	0.52	0.26	-	-	-	-	-	-
West/Central Area	-	-	-	3.82	3.18	2.54	1.91	1.27	0.64	-	-	-	-	-	-
Southern	1.81	2.06	1.63	1.40	1.17	0.93	0.70	0.47	0.23	-	-	-	-	-	-
ISO-Wide Component:	0.18	0.46	0.64	1.41	1.77	2.05	2.34	2.62	2.90	3.18	3.18	3.18	3.18	3.17	3.17
East/Central Area	0.18	0.46	0.64	1.41	1.77	2.05	2.34	2.62	2.90	3.18	3.18	3.18	3.18	3.17	3.17
West/Central Area	-	-	-	5.23	4.95	4.60	4.25	3.89	3.54	3.18	3.18	3.18	3.18	3.17	3.17
Southern	0.18	0.46	0.64	1.41	1.77	2.05	2.34	2.62	2.90	3.18	3.18	3.18	3.18	3.17	3.17

Note: TAC component equal to [1 - (Rate of Transition to ISO-wide)] * (HVTRR for TAC Areas) / (Gross Load by TAC Area)
Note: ISO-wide component equal to [1 - (Rate of Transition to ISO-wide)] * (ISO-wide HV TRR) / (ISO-wide Gross Load)

TAC Area	HV TAC (Includes Both TAC Area and ISO-wide Component) (\$/MWh)														
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Northern Area	1.59	2.46	1.58	2.82	2.94	2.99	3.04	3.09	3.14	3.18	3.18	3.18	3.18	3.17	3.17
East/Central Area	2.05	1.92	2.39	3.08	3.10	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
West/Central Area	-	-	-	5.23	4.95	4.60	4.25	3.89	3.54	3.18	3.18	3.18	3.18	3.17	3.17
Southern Area	2.00	2.52	2.27	2.81	2.94	2.99	3.04	3.08	3.13	3.18	3.18	3.18	3.18	3.17	3.17
ISO-Wide TAC (if existed)	1.83	2.23	2.02	3.13	3.20	3.20	3.19	3.19	3.18	3.18	3.18	3.18	3.18	3.17	3.17

Note: Equal to TAC Area Component plus ISO-wide Component

TAC Determination (Existing Facilities Only) Table 2
Page 2 of 9

HV TRR for TAC Areas (\$1000)															
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
Northern Area	121,825	172,563	81,392	162,049	135,041	108,033	81,024	54,016	27,008	-	-	-	-	-	-
East/Central Area	148,326	118,571	158,441	98,805	129,000	103,200	77,400	51,600	25,800	-	-	-	-	-	-
West/Central Area	32,108	36,498	28,925	24,793	20,661	16,529	12,397	8,264	4,132	-	-	-	-	-	-
Southern	33,584	81,908	115,182	293,631	367,039	440,446	513,854	587,262	660,670	734,077	734,077	734,077	734,077	734,077	734,077
ISO-Wide Component	335,843	409,540	383,941	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077	734,077
Total HV Rev. Req.															

Note: TAC Area HV TRR equal to sum of Page 5 of Table 2 by area. ISO-wide HV TRR equal to sum of Page 6 of Table 2 by area.

Gross Load by TAC Area (MWh)															
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
Northern Area	77,809	68,957	59,995	68,851	57,376	45,900	34,425	22,950	11,475	-	-	-	-	-	-
East/Central Area	71,675	64,897	63,246	56,980	49,150	39,320	29,490	19,660	9,830	-	-	-	-	-	-
West/Central Area	15,931	14,161	12,390	10,620	8,850	7,080	5,310	3,540	1,770	-	-	-	-	-	-
Southern	18,379	37,004	58,128	102,657	128,322	153,986	179,650	205,315	230,979	256,643	256,643	256,643	256,643	256,643	256,643
ISO-Wide Component	183,794	185,019	193,759	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643	256,643
Total ISO Load															

Note: TAC Area Gross Load equal to sum of Page 8 of Table 2 by area. ISO-wide Gross Load equal to sum of Page 9 of Table 2 by area.

Rate of Transition to ISO-wide															
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
Northern Area	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%
East/Central Area	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%
West/Central Area	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%
Southern	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	100%	100%	100%	100%	100%

Note: TAC component equal to $1 - (\text{Rate of Transition to ISO-wide}) \times (\text{HVTRR for TAC Areas}) / (\text{Gross Load by TAC Area})$

HV Average Cost Components by TAC Area (\$/MWh)															
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
Northern Area	1.41	2.00	0.95	1.41	1.18	0.94	0.71	0.47	0.24	-	-	-	-	-	-
East/Central Area	1.86	1.46	1.75	1.57	1.31	1.05	0.79	0.52	0.26	-	-	-	-	-	-
West/Central Area	-	-	-	3.82	3.18	2.54	1.91	1.27	0.64	-	-	-	-	-	-
Southern	1.81	2.06	1.63	1.40	1.17	0.93	0.70	0.47	0.23	-	-	-	-	-	-
ISO-Wide Component:															
Northern Area	0.18	0.44	0.59	1.14	1.43	1.72	2.00	2.29	2.57	2.86	2.86	2.86	2.86	2.86	2.86
East/Central Area	0.18	0.44	0.59	1.14	1.43	1.72	2.00	2.29	2.57	2.86	2.86	2.86	2.86	2.86	2.86
West/Central Area	-	-	-	1.14	1.43	1.72	2.00	2.29	2.57	2.86	2.86	2.86	2.86	2.86	2.86
Southern	0.18	0.44	0.59	1.14	1.43	1.72	2.00	2.29	2.57	2.86	2.86	2.86	2.86	2.86	2.86

Note: TAC component equal to $1 - (\text{Rate of Transition to ISO-wide}) \times (\text{HVTRR for TAC Areas}) / (\text{Gross Load by TAC Area})$

HV TAC (Includes Both TAC Area and ISO-wide Component) (\$/MWh)															
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
Northern Area	1.59	2.44	1.54	2.56	2.61	2.66	2.71	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
East/Central Area	2.05	1.90	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
West/Central Area	-	-	-	4.96	4.61	4.26	3.91	3.56	3.21	2.86	2.86	2.86	2.86	2.86	2.86
Southern Area	2.00	2.50	2.23	2.54	2.60	2.65	2.70	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
ISO-Wide TAC (if existed)	1.83	2.21	1.98	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86

Note: Equal to TAC Area Component plus ISO-wide Component.

Table 2
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		HV TAC for Existing & New Facilities Including ISO-wide Component (\$/MWh)														
Company	TAC Area	2001 [31]	2002 [32]	2003 [33]	2004 [34]	2005 [35]	2006 [36]	2007 [37]	2008 [38]	2009 [39]	2010 [40]	2011 [41]	2012 [42]	2013 [43]	2014 [44]	2015 [45]
PGE	OPTO 1	1.59	2.46	1.58	2.82	2.94	2.99	3.04	3.09	3.14	3.18	3.18	3.18	3.18	3.17	3.17
SCE	OPTO 2	2.05	1.92	2.39	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
SDGE	OPTO 4	2.00	2.52	2.27	2.81	2.94	2.99	3.04	3.08	3.13	3.18	3.18	3.18	3.18	3.17	3.17
CDWR-N	New PTO 1	-	-	-	2.82	2.94	2.99	3.04	3.09	3.14	3.18	3.18	3.18	3.18	3.17	3.17
WAPA	New PTO 1	-	-	-	2.82	2.94	2.99	3.04	3.09	3.14	3.18	3.18	3.18	3.18	3.17	3.17
MID	New PTO 1	-	-	-	2.82	2.94	2.99	3.04	3.09	3.14	3.18	3.18	3.18	3.18	3.17	3.17
Other*	New PTOs 1	-	-	-	2.82	2.94	2.99	3.04	3.09	3.14	3.18	3.18	3.18	3.18	3.17	3.17
Anaheim	New PTO 2	-	-	2.39	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
Azusa	New PTO 2	-	-	2.39	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
Banning	New PTO 2	-	-	2.39	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
Riverside	New PTO 2	-	-	2.39	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
Vernon	New PTO 2	2.05	1.92	2.39	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
CDWR-S	New PTO 2	-	-	-	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
Colton	New PTO 2	-	-	-	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
Other**	New PTOs 2	-	-	-	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
LADWP	New PTO 3	-	-	-	5.23	4.95	4.60	4.25	3.89	3.54	3.18	3.18	3.18	3.18	3.17	3.17
Other***	New PTOs 3	-	-	-	5.23	4.95	4.60	4.25	3.89	3.54	3.18	3.18	3.18	3.18	3.17	3.17
TransElect																
Area 1		1.59	2.46	1.58	2.82	2.94	2.99	3.04	3.09	3.14	3.18	3.18	3.18	3.18	3.17	3.17
Area 2		2.05	1.92	2.39	2.99	3.08	3.10	3.13	3.14	3.16	3.18	3.18	3.18	3.18	3.17	3.17
Area 3		-	-	-	5.23	4.95	4.60	4.25	3.89	3.54	3.18	3.18	3.18	3.18	3.17	3.17
Area 4		2.00	2.52	2.27	2.81	2.94	2.99	3.04	3.08	3.13	3.18	3.18	3.18	3.18	3.17	3.17
TOTAL		1.83	2.23	2.02	3.13	3.20	3.20	3.20	3.19	3.19	3.18	3.18	3.18	3.18	3.17	3.17

Notes:
Equal to Page 1 of Table 2, HV TAC (Including Both TAC Area and ISO-wide Components).

- * Other New PTOs in Area 1: Redding, SMUD, SVF, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 2
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Company	TAC Area	HV TAC (Including ISO-wide Component) for Existing Facilities Only (\$/MWh)														
		2001 [46]	2002 [47]	2003 [48]	2004 [49]	2005 [50]	2006 [51]	2007 [52]	2008 [53]	2009 [54]	2010 [55]	2011 [56]	2012 [57]	2013 [58]	2014 [59]	2015 [60]
PGE	1	1.59	2.44	1.54	2.56	2.61	2.66	2.71	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
SCE	2	2.05	1.90	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
SDGE	4	2.00	2.50	2.23	2.54	2.60	2.65	2.70	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
CDWR-N	1	-	-	-	2.56	2.61	2.66	2.71	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
WAPA	1	-	-	-	2.56	2.61	2.66	2.71	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
MID	1	-	-	-	2.56	2.61	2.66	2.71	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
Other*	1	-	-	-	2.56	2.61	2.66	2.71	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86
Anaheim	2	-	-	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
Azusa	2	-	-	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
Banning	2	-	-	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
Riverside	2	-	-	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
Vernon	2	2.05	1.90	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
CDWR-S	2	-	-	-	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
Colton	2	-	-	-	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
Other**	2	-	-	-	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86
LADWP	3	-	-	-	4.96	4.61	4.26	3.91	3.56	3.21	2.86	2.86	2.86	2.86	2.86	2.86
Other***	3	-	-	-	4.96	4.61	4.26	3.91	3.56	3.21	2.86	2.86	2.86	2.86	2.86	2.86
TransElect	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Area 1	1.59	2.44	1.54	2.56	2.61	2.66	2.71	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86	2.86
Area 2	2.05	1.90	2.35	2.72	2.74	2.77	2.79	2.81	2.84	2.86	2.86	2.86	2.86	2.86	2.86	2.86
Area 3	-	-	-	4.96	4.61	4.26	3.91	3.56	3.21	2.86	2.86	2.86	2.86	2.86	2.86	2.86
Area 4	2.00	2.50	2.23	2.54	2.60	2.65	2.70	2.76	2.81	2.86	2.86	2.86	2.86	2.86	2.86	2.86
TOTAL	1.83	2.21	1.98	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86

Notes:
Equal to Page 2 of Table 2, HV TAC (Including Both TAC Area and ISO-wide Components).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena.
- *** Other New PTOs in Area 3: Burbank and Glendale.

TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 2
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Company	TAC Area	TAC Area Portion of HV TRR for Existing Facilities Only (\$1000)														
		2001 [61]	2002 [62]	2003 [63]	2004 [64]	2005 [65]	2006 [66]	2007 [67]	2008 [68]	2009 [69]	2010 [70]	2011 [71]	2012 [72]	2013 [73]	2014 [74]	2015 [75]
PGE	OPTO 1	121,825	172,563	81,392	92,902	77,419	61,935	46,451	30,967	15,484	-	-	-	-	-	-
SCE	OPTO 2	139,460	110,690	118,962	101,968	84,973	67,978	50,984	33,989	16,995	-	-	-	-	-	-
SDGE	OPTO 4	32,108	36,498	28,925	24,793	20,661	16,529	12,397	8,264	4,132	-	-	-	-	-	-
CDWR-N	New PTO 1	-	-	-	8,550	7,125	5,700	4,275	2,850	1,425	-	-	-	-	-	-
WAPA	New PTO 1	-	-	-	7,498	6,248	4,999	3,749	2,499	1,250	-	-	-	-	-	-
MID	New PTO 1	-	-	-	7,881	6,568	5,254	3,941	2,627	1,314	-	-	-	-	-	-
Other*	New PTOs 1	-	-	-	45,217	37,681	30,145	22,609	15,072	7,536	-	-	-	-	-	-
Anaheim	New PTO 2	-	-	16,566	14,199	11,833	9,466	7,100	4,733	2,367	-	-	-	-	-	-
Azusa	New PTO 2	-	-	1,269	1,088	906	725	544	363	181	-	-	-	-	-	-
Banning	New PTO 2	-	-	883	757	631	505	379	252	126	-	-	-	-	-	-
Riverside	New PTO 2	-	-	13,637	11,689	9,741	7,793	5,845	3,896	1,948	-	-	-	-	-	-
Vernon	New PTO 2	8,867	7,882	7,123	6,106	5,068	4,070	3,053	2,035	1,018	-	-	-	-	-	-
CDWR-S	New PTO 2	-	-	-	8,550	7,125	5,700	4,275	2,850	1,425	-	-	-	-	-	-
Colton	New PTO 2	-	-	-	1,531	1,276	1,021	766	510	255	-	-	-	-	-	-
Other**	New PTOs 2	-	-	-	8,912	7,427	5,941	4,456	2,971	1,485	-	-	-	-	-	-
LADWP	New PTO 3	-	-	-	84,900	70,750	56,600	42,460	28,300	14,150	-	-	-	-	-	-
Other***	New PTOs 3	-	-	-	13,905	11,587	9,270	6,952	4,635	2,317	-	-	-	-	-	-
TransElect																
OPTOs		293,392	319,750	229,280	219,663	183,053	146,442	109,832	73,221	36,611	-	-	-	-	-	-
New PTOs - Area 1		-	-	-	69,146	57,622	46,098	34,573	23,049	11,524	-	-	-	-	-	-
New PTOs - Area 2		8,867	7,882	39,478	52,832	44,027	35,222	26,416	17,611	8,805	-	-	-	-	-	-
New PTOs - Area 3		-	-	-	98,805	82,337	65,870	49,402	32,935	16,467	-	-	-	-	-	-
TOTAL		302,259	327,632	268,758	440,446	367,039	293,631	220,223	146,815	73,408	-	-	-	-	-	-

Notes:
Calculated as (Page 4 of Table 1) x [1 - (Page 2 of Table 2, Rate of Transition to ISO-wide)].

- * Other New PTOs in Area 1 Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2, MWD and Pasadena.
 - *** Other New PTOs in Area 3 Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 2
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		ISO-wide Portion of HV TRR for Existing Facilities Only (\$1000)														
Company	TAC Area	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2012	2013	2014	2015	
		[76]	[77]	[78]	[79]	[80]	[81]	[82]	[83]	[84]	[85]	[86]	[87]	[88]	[89]	[90]
PGE	OPTO 1	13,536	43,141	34,882	61,935	77,419	92,902	108,386	123,870	139,354	154,837	154,837	154,837	154,837	154,837	154,837
SCE	OPTO 2	15,496	27,672	50,984	67,978	84,973	101,968	118,962	135,957	152,951	169,946	169,946	169,946	169,946	169,946	169,946
SDGE	OPTO 4	3,588	9,124	12,397	16,529	20,661	24,793	28,925	33,058	37,190	41,322	41,322	41,322	41,322	41,322	41,322
CDWR-N	New PTO 1	-	-	-	5,700	7,125	8,550	9,975	11,400	12,825	14,251	14,251	14,251	14,251	14,251	14,251
WAPA	New PTO 1	-	-	-	4,999	6,248	7,498	8,747	9,997	11,247	12,496	12,496	12,496	12,496	12,496	12,496
MID	New PTO 1	-	-	-	5,254	6,568	7,881	9,195	10,508	11,822	13,136	13,136	13,136	13,136	13,136	13,136
Other*	New PTOs 1	-	-	-	30,145	37,681	45,217	52,753	60,289	67,826	75,362	75,362	75,362	75,362	75,362	75,362
Anaheim	New PTO 2	-	-	7,100	9,466	11,833	14,199	16,566	18,932	21,299	23,665	23,665	23,665	23,665	23,665	23,665
Azusa	New PTO 2	-	-	544	725	906	1,088	1,269	1,450	1,632	1,813	1,813	1,813	1,813	1,813	1,813
Banning	New PTO 2	-	-	379	505	631	757	883	1,010	1,136	1,262	1,262	1,262	1,262	1,262	1,262
Riverside	New PTO 2	-	-	5,845	7,793	9,741	11,689	13,637	15,585	17,534	19,482	19,482	19,482	19,482	19,482	19,482
Vernon	New PTO 2	985	1,970	3,053	4,070	5,088	6,106	7,123	8,141	9,158	10,176	10,176	10,176	10,176	10,176	10,176
CDWR-S	New PTO 2	-	-	-	5,700	7,125	8,550	9,975	11,400	12,825	14,251	14,251	14,251	14,251	14,251	14,251
Colton	New PTO 2	-	-	-	1,021	1,276	1,531	1,786	2,042	2,297	2,552	2,552	2,552	2,552	2,552	2,552
Other**	New PTOs 2	-	-	-	5,941	7,427	8,912	10,397	11,883	13,368	14,854	14,854	14,854	14,854	14,854	14,854
LADWP	New PTO 3	-	-	-	56,600	70,750	84,900	99,050	113,200	127,350	141,500	141,500	141,500	141,500	141,500	141,500
Other***	New PTOs 3	-	-	-	9,270	11,587	13,905	16,222	18,539	20,857	23,174	23,174	23,174	23,174	23,174	23,174
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		32,599	79,937	98,263	146,442	183,053	219,663	256,274	292,884	329,495	366,105	366,105	366,105	366,105	366,105	366,105
New PTOs - Area 1		-	-	-	46,098	57,622	69,146	80,671	92,195	103,720	115,244	115,244	115,244	115,244	115,244	115,244
New PTOs - Area 2		985	1,970	16,919	35,222	44,027	52,832	61,638	70,443	79,248	88,054	88,054	88,054	88,054	88,054	88,054
New PTOs - Area 3		-	-	-	65,870	82,337	98,805	115,272	131,739	148,207	164,674	164,674	164,674	164,674	164,674	164,674
TOTAL		33,584	81,908	115,182	293,631	367,039	440,446	513,854	587,262	660,670	734,077	734,077	734,077	734,077	734,077	734,077

Notes:
Calculated as (Page 4 of Table 1) x (Page 2 of Table 2, Rate of Transition to ISO-wide).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena.
- *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 2
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Company	TAC Area	HV TRR for New Facilities (ISO-wide) (\$1000)														
		2001 [91]	2002 [92]	2003 [93]	2004 [94]	2005 [95]	2006 [96]	2007 [97]	2008 [98]	2009 [99]	2010 [100]	2011 [101]	2012 [102]	2013 [103]	2014 [104]	2015 [105]
PGE	OPTO 1	-	-	-	48,896	66,850	66,592	66,357	64,596	63,924	63,274	62,641	62,025	61,426	60,827	58,444
SCE	OPTO 2	1,763	7,063	7,063	7,063	7,063	7,063	7,063	7,063	7,063	7,063	7,063	7,063	7,063	7,063	7,063
SDGE	OPTO 4	-	571	815	815	815	815	815	815	815	815	815	815	815	815	815
CDWR-N	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAPA	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MID	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other*	New PTOs 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anaheim	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Azusa	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Banning	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vernon	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CDWR-S	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colton	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other**	New PTOs 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LADWP	New PTO 3	-	-	-	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Other***	New PTOs 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		-	2,334	7,878	56,774	74,727	74,470	74,235	72,473	71,801	71,152	70,519	69,903	69,304	68,705	66,322
New PTOs - Area 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 3		-	-	-	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
TOTAL		-	2,334	7,878	68,774	86,727	86,470	86,235	84,473	83,801	83,152	82,519	81,903	81,304	80,705	78,322

Notes:
New facilities include all transmission assets added to rate base on or after 1/1/2001, as determined in PTO's TRR filing.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 2
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Company	TAC Area	TAC Area Portion of Load (GWh)														
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PGE	OPTO 1	77,809	68,957	59,995	51,424	42,854	34,283	25,712	17,141	8,571	-	-	-	-	-	-
SCE	OPTO 2	70,585	63,928	59,051	50,615	42,179	33,743	25,307	16,872	8,436	-	-	-	-	-	-
SDGE	OPTO 4	15,931	14,161	12,390	10,620	8,650	7,080	5,310	3,540	1,770	-	-	-	-	-	-
CDWR-N	New PTO 1	-	-	-	2,529	2,108	1,686	1,265	843	422	-	-	-	-	-	-
WAPA	New PTO 1	-	-	-	2,537	2,115	1,692	1,269	846	423	-	-	-	-	-	-
MID	New PTO 1	-	-	-	1,414	1,179	943	707	471	236	-	-	-	-	-	-
Other*	New PTOs 1	-	-	-	10,946	9,122	7,297	5,473	3,649	1,824	-	-	-	-	-	-
Anaheim	New PTO 2	-	-	1,813	1,554	1,295	1,036	777	518	259	-	-	-	-	-	-
Azusa	New PTO 2	-	-	168	144	120	96	72	48	24	-	-	-	-	-	-
Banning	New PTO 2	-	-	98	84	70	56	42	28	14	-	-	-	-	-	-
Riverside	New PTO 2	-	-	1,270	1,088	907	726	544	363	181	-	-	-	-	-	-
Vernon	New PTO 2	1,090	969	847	726	605	484	363	242	121	-	-	-	-	-	-
CDWR-S	New PTO 2	-	-	-	2,529	2,108	1,686	1,265	843	422	-	-	-	-	-	-
Colton	New PTO 2	-	-	-	191	159	127	95	64	32	-	-	-	-	-	-
Other**	New PTOs 2	-	-	-	2,050	1,708	1,366	1,025	683	342	-	-	-	-	-	-
LADWP	New PTO 3	-	-	-	14,096	11,747	9,397	7,048	4,699	2,349	-	-	-	-	-	-
Other***	New PTOs 3	-	-	-	1,439	1,199	959	719	480	240	-	-	-	-	-	-
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		164,325	147,046	131,436	112,659	93,883	75,106	56,330	37,553	18,777	-	-	-	-	-	-
New PTOs - Area 1		-	-	-	17,426	14,522	11,618	8,713	5,809	2,904	-	-	-	-	-	-
New PTOs - Area 2		1,090	969	4,195	8,366	6,971	5,577	4,183	2,789	1,394	-	-	-	-	-	-
New PTOs - Area 3		-	-	-	15,535	12,946	10,356	7,767	5,178	2,589	-	-	-	-	-	-
TOTAL		165,415	148,015	135,631	153,986	128,322	102,657	76,993	51,329	25,664	-	-	-	-	-	-

Notes:
Calculated as (Page 1 of Table 1) x [1 - (Page 2 of Table 2, Rate of Transition to ISO-wide)].

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena.
- *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern, (2) East/Central, (3) West/Central, (4) Southern

Table 2
Page 9 of 9

Company	TAC Area	ISO-wide Portion of Load (GWh)														
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PGE	1	8,645	17,239	25,712	34,283	42,854	51,424	59,995	68,566	77,136	85,707	85,707	85,707	85,707	85,707	85,707
SCE	2	7,843	15,982	25,307	33,743	42,179	50,615	59,051	67,486	75,922	84,358	84,358	84,358	84,358	84,358	84,358
SDGE	4	1,770	3,540	5,310	7,080	8,850	10,620	12,390	14,161	15,931	17,701	17,701	17,701	17,701	17,701	17,701
CDWR-N	1	-	-	-	1,686	2,108	2,529	2,951	3,372	3,794	4,215	4,215	4,215	4,215	4,215	4,215
WAPA	1	-	-	-	1,692	2,115	2,537	2,960	3,383	3,806	4,229	4,229	4,229	4,229	4,229	4,229
MID	1	-	-	-	943	1,179	1,414	1,650	1,886	2,121	2,357	2,357	2,357	2,357	2,357	2,357
Other*	1	-	-	-	7,297	9,122	10,946	12,770	14,594	16,419	18,243	18,243	18,243	18,243	18,243	18,243
Anaheim	2	777	-	-	1,036	1,295	1,554	1,813	2,072	2,331	2,590	2,590	2,590	2,590	2,590	2,590
Azusa	2	-	-	-	96	120	144	168	192	216	240	240	240	240	240	240
Banning	2	-	-	-	72	96	120	144	168	192	216	216	216	216	216	216
Riverside	2	-	-	-	42	56	70	84	98	112	126	139	139	139	139	139
Vernon	2	121	242	363	484	605	726	847	969	1,090	1,211	1,211	1,211	1,211	1,211	1,211
CDWR-S	2	-	-	-	1,686	2,108	2,529	2,951	3,372	3,794	4,215	4,215	4,215	4,215	4,215	4,215
Colton	2	-	-	-	127	159	191	223	254	286	318	318	318	318	318	318
Other**	2	-	-	-	1,366	1,708	2,050	2,391	2,733	3,074	3,416	3,416	3,416	3,416	3,416	3,416
LADWP	3	-	-	-	9,397	11,747	14,096	16,445	18,794	21,144	23,493	23,493	23,493	23,493	23,493	23,493
Other***	3	-	-	-	959	1,199	1,439	1,679	1,918	2,158	2,398	2,398	2,398	2,398	2,398	2,398
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		18,258	36,762	56,330	75,106	93,883	112,659	131,436	150,213	168,989	187,766	187,766	187,766	187,766	187,766	187,766
New PTOs - Area 1		-	-	-	11,618	14,522	17,426	20,331	23,235	26,140	29,044	29,044	29,044	29,044	29,044	29,044
New PTOs - Area 2		121	242	363	484	605	726	847	969	1,090	1,211	1,211	1,211	1,211	1,211	1,211
New PTOs - Area 3		-	-	-	10,356	12,946	15,535	18,124	20,713	23,302	25,891	25,891	25,891	25,891	25,891	25,891
TOTAL		18,379	37,004	58,128	102,657	128,322	153,986	179,650	205,315	230,979	256,643	256,643	256,643	256,643	256,643	256,643

Notes:
Calculated as (Page 1 of Table 1) x (Page 2 of Table 2, Rate of Transition to ISO-wide).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 3
Calculation of Estimated TAC Cost Shift

Company	TAC Area	TAC Cost Shift Before Transition Charges (\$1000)														
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PGE	OPTO 1	2,261	(4,981)	16,067	64,255	68,598	72,940	77,283	81,626	85,968	90,311	90,311	90,311	90,311	90,311	90,311
SCE	OPTO 2	5,447	13,816	28,132	59,413	61,402	63,390	65,378	67,367	69,355	71,343	71,343	71,343	71,343	71,343	71,343
SDGE	OPTO 4	(333)	(1,288)	(1,874)	3,723	4,654	5,584	6,515	7,446	8,377	9,307	9,307	9,307	9,307	9,307	9,307
CDWR-N	New PTO 1	-	-	-	(3,476)	(3,262)	(3,049)	(2,835)	(2,621)	(2,408)	(2,194)	(2,194)	(2,194)	(2,194)	(2,194)	(2,194)
WAPA	New PTO 1	-	-	-	(1,686)	(1,471)	(1,257)	(1,043)	(829)	(614)	(400)	(400)	(400)	(400)	(400)	(400)
MID	New PTO 1	-	-	-	(7,110)	(6,991)	(6,871)	(6,752)	(6,633)	(6,513)	(6,394)	(6,394)	(6,394)	(6,394)	(6,394)	(6,394)
Other*	New PTOs 1	-	-	-	(28,727)	(27,803)	(26,878)	(25,954)	(25,030)	(24,105)	(23,181)	(23,181)	(23,181)	(23,181)	(23,181)	(23,181)
Anaheim	New PTO 2	-	-	(17,584)	(16,624)	(16,563)	(16,502)	(16,441)	(16,379)	(16,318)	(16,257)	(16,257)	(16,257)	(16,257)	(16,257)	(16,257)
Azusa	New PTO 2	-	-	(1,250)	(1,162)	(1,156)	(1,150)	(1,145)	(1,139)	(1,133)	(1,128)	(1,128)	(1,128)	(1,128)	(1,128)	(1,128)
Banning	New PTO 2	-	-	(935)	(883)	(880)	(876)	(873)	(870)	(866)	(863)	(863)	(863)	(863)	(863)	(863)
Riverside	New PTO 2	-	-	(15,222)	(14,550)	(14,507)	(14,464)	(14,421)	(14,378)	(14,336)	(14,293)	(14,293)	(14,293)	(14,293)	(14,293)	(14,293)
Vernon	New PTO 2	(7,375)	(7,546)	(7,333)	(6,884)	(6,856)	(6,827)	(6,799)	(6,770)	(6,742)	(6,713)	(6,713)	(6,713)	(6,713)	(6,713)	(6,713)
CDWR-S	New PTO 2	-	-	-	(2,790)	(2,691)	(2,592)	(2,492)	(2,393)	(2,294)	(2,194)	(2,194)	(2,194)	(2,194)	(2,194)	(2,194)
Colton	New PTO 2	-	-	-	(1,687)	(1,680)	(1,672)	(1,665)	(1,657)	(1,650)	(1,642)	(1,642)	(1,642)	(1,642)	(1,642)	(1,642)
Other**	New PTOs 2	-	-	-	(5,566)	(5,485)	(5,405)	(5,324)	(5,244)	(5,163)	(5,083)	(5,083)	(5,083)	(5,083)	(5,083)	(5,083)
LADWP	New PTO 3	-	-	-	(24,968)	(33,190)	(41,413)	(49,635)	(57,858)	(66,080)	(74,303)	(74,303)	(74,303)	(74,303)	(74,303)	(74,303)
Other***	New PTOs 3	-	-	-	(11,279)	(12,119)	(12,958)	(13,797)	(14,637)	(15,476)	(16,315)	(16,315)	(16,315)	(16,315)	(16,315)	(16,315)
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		7,375	7,546	42,324	127,392	134,653	141,915	149,177	156,438	163,700	170,961	170,961	170,961	170,961	170,961	170,961
New PTOs - Area 1		-	-	-	(40,999)	(39,527)	(38,056)	(36,584)	(35,113)	(33,641)	(32,169)	(32,169)	(32,169)	(32,169)	(32,169)	(32,169)
New PTOs - Area 2		(7,375)	(7,546)	(42,324)	(50,146)	(49,817)	(49,488)	(49,160)	(48,831)	(48,502)	(48,174)	(48,174)	(48,174)	(48,174)	(48,174)	(48,174)
New PTOs - Area 3		-	-	-	(36,247)	(45,309)	(54,371)	(63,433)	(72,495)	(81,556)	(90,618)	(90,618)	(90,618)	(90,618)	(90,618)	(90,618)
Total Amount of Positives		7,708	13,816	44,199	127,392	134,653	141,915	149,177	156,438	163,700	170,961	170,961	170,961	170,961	170,961	170,961
Total Amount of Negatives		(7,708)	(13,816)	(44,199)	(127,392)	(134,653)	(141,915)	(149,177)	(156,438)	(163,700)	(170,961)	(170,961)	(170,961)	(170,961)	(170,961)	(170,961)
Total ISO-wide Cost Shift		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
 Calculated as (Page 1 of Table 1) * [(Page 4 of Table 2) - (Page 5 of Table 1)].
 Positive values represent cost shift burden, negative values represent cost shift benefits.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena.
- *** Other New PTOs in Area 3: Burbank and Glendale.

TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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Company	TAC Area	Acceptable TAC Burden (\$1000)														
		2001 [16]	2002 [17]	2003 [18]	2004 [19]	2005 [20]	2006 [21]	2007 [22]	2008 [23]	2009 [24]	2010 [25]	2011 [26]	2012 [27]	2013 [28]	2014 [29]	2015 [30]
PGE	OPTO 1	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	n/a	n/a	n/a
SCE	OPTO 2	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	n/a	n/a	n/a
SDGE	OPTO 4	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	n/a	n/a	n/a
CDWR-N	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
WAPA	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
MID	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Other*	New PTOs 1	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Anaheim	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Azusa	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Banning	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Riverside	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Vernon	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
CDWR-S	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Colton	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Other**	New PTOs 2	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
LADWP	New PTO 3	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
Other***	New PTOs 3	-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	n/a
OPTOs		72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	n/a	n/a	n/a
New PTOs - Area 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL		72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000

NOTES:

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 3
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Company	TAC Area	Transition Charges (\$1000)														
		2001 [31]	2002 [32]	2003 [33]	2004 [34]	2005 [35]	2006 [36]	2007 [37]	2008 [38]	2009 [39]	2010 [40]	2011 [41]	2012 [42]	2013 [43]	2014 [44]	2015 [45]
PGE	OPTO 1	1,016	8,335	2,744	(32,255)	(36,598)	(40,940)	(45,283)	(49,626)	(53,968)	(58,311)	-	-	-	-	-
SCE	OPTO 2	(2,169)	(10,462)	(9,321)	(27,413)	(29,402)	(31,390)	(33,378)	(35,367)	(37,355)	(39,343)	-	-	-	-	-
SDGE	OPTO 4	1,153	2,127	6,577	4,277	3,346	2,416	1,485	554	(377)	(1,307)	-	-	-	-	-
CDWR-N	New PTO 1	-	-	-	1,511	1,518	1,502	1,467	1,415	1,349	1,270	-	-	-	-	-
WAPA	New PTO 1	-	-	-	733	685	619	540	447	344	232	-	-	-	-	-
MID	New PTO 1	-	-	-	3,092	3,253	3,385	3,493	3,580	3,649	3,701	-	-	-	-	-
Other*	New PTOs 1	-	-	-	12,491	12,936	13,242	13,427	13,510	13,503	13,418	-	-	-	-	-
Anaheim	New PTO 1	-	-	-	7,228	7,706	8,130	8,506	8,841	9,141	9,411	-	-	-	-	-
Azusa	New PTO 2	-	-	-	505	538	567	592	615	635	653	-	-	-	-	-
Banning	New PTO 2	-	-	-	384	409	432	452	469	485	500	-	-	-	-	-
Riverside	New PTO 2	-	-	-	6,326	6,750	7,126	7,461	7,761	8,031	8,274	-	-	-	-	-
Vernon	New PTO 2	-	-	-	2,993	3,190	3,363	3,517	3,654	3,776	3,886	-	-	-	-	-
CDWR-S	New PTO 2	-	-	-	1,213	1,252	1,277	1,289	1,292	1,285	1,270	-	-	-	-	-
Colton	New PTO 2	-	-	-	734	782	824	861	895	924	951	-	-	-	-	-
Other**	New PTOs 2	-	-	-	2,420	2,552	2,663	2,755	2,830	2,892	2,942	-	-	-	-	-
LADWP	New PTO 3	-	-	-	10,856	15,443	20,402	25,679	31,229	37,016	43,010	-	-	-	-	-
Other***	New PTOs 3	-	-	-	4,904	5,639	6,384	7,138	7,900	8,669	9,444	-	-	-	-	-
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		-	-	-	(55,392)	(62,653)	(69,915)	(77,177)	(84,438)	(91,700)	(98,961)	-	-	-	-	-
New PTOs - Area 1		-	-	-	17,827	18,392	18,748	18,927	18,952	18,845	18,621	-	-	-	-	-
New PTOs - Area 2		-	-	-	21,804	23,180	24,381	25,433	26,357	27,170	27,886	-	-	-	-	-
New PTOs - Area 3		-	-	-	15,761	21,082	26,786	32,817	39,129	45,685	52,455	-	-	-	-	-
TOTAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Calculated as (Page 11 of Table 3) + (Page 13 of Table 3) - (Page 8 of Table 3).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena.
- *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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Company	TAC Area	Transition Charges per Unit of Load (\$/MWh)														
		2001 [61]	2002 [62]	2003 [63]	2004 [64]	2005 [65]	2006 [66]	2007 [67]	2008 [68]	2009 [69]	2010 [70]	2011 [71]	2012 [72]	2013 [73]	2014 [74]	2015 [75]
PGE	OPTO 1	0.01	0.10	0.03	(0.38)	(0.43)	(0.46)	(0.53)	(0.58)	(0.63)	(0.68)					
SCE	OPTO 2	(0.03)	(0.13)	(0.11)	(0.32)	(0.35)	(0.37)	(0.40)	(0.42)	(0.44)	(0.47)					
SDGE	OPTO 4	0.07	0.12	0.37	0.24	0.19	0.14	0.08	0.03	(0.02)	(0.07)					
CDWR-N	New PTO 1	-	-	-	0.36	0.36	0.36	0.35	0.34	0.32	0.30					
WAPA	New PTO 1	-	-	-	0.17	0.16	0.15	0.13	0.11	0.08	0.05					
MID	New PTO 1	-	-	-	1.31	1.38	1.44	1.48	1.52	1.55	1.57					
Other*	New PTOs 1	-	-	-	0.68	0.71	0.73	0.74	0.74	0.74	0.74					
Anaheim	New PTO 2	-	-	-	2.79	2.98	3.14	3.28	3.41	3.53	3.63					
Azusa	New PTO 2	-	-	-	2.11	2.24	2.37	2.47	2.57	2.65	2.72					
Banning	New PTO 2	-	-	-	2.75	2.93	3.10	3.24	3.37	3.48	3.58					
Riverside	New PTO 2	-	-	-	3.49	3.72	3.93	4.11	4.28	4.43	4.56					
Vernon	New PTO 2	-	-	-	2.47	2.63	2.78	2.91	3.02	3.12	3.21					
CDWR-S	New PTO 2	-	-	-	0.29	0.30	0.30	0.31	0.31	0.30	0.30					
Colton	New PTO 2	-	-	-	2.31	2.46	2.59	2.71	2.81	2.91	2.99					
Other**	New PTOs 2	-	-	-	0.71	0.75	0.78	0.81	0.83	0.85	0.86					
LADWP	New PTO 3	-	-	-	0.46	0.66	0.87	1.09	1.33	1.58	1.83					
Other***	New PTOs 3	-	-	-	2.05	2.35	2.66	2.98	3.29	3.62	3.94					
TransElect		-	-	-	-	-	-	-	-	-	-					
OPTOs		-	-	-	(0.30)	(0.33)	(0.37)	(0.41)	(0.45)	(0.49)	(0.53)					
New PTOs - Area 1		-	-	-	0.61	0.63	0.65	0.65	0.65	0.65	0.64					
New PTOs - Area 2		-	-	-	1.56	1.66	1.75	1.82	1.89	1.95	2.00					
New PTOs - Area 3		-	-	-	0.61	0.81	1.03	1.27	1.51	1.76	2.03					
TOTAL		-	-	-	-	-	-	-	-	-	-					

Notes:

Calculated as (Page 3 of Table 3) / (Page 1 of Table 1).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 3
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Company	TAC Area	TAC Cost Shift After Transition Charges, per Unit of Load (\$/MWh)														
		2001 [76]	2002 [77]	2003 [78]	2004 [79]	2005 [80]	2006 [81]	2007 [82]	2008 [83]	2009 [84]	2010 [85]	2011 [86]	2012 [87]	2013 [88]	2014 [89]	2015 [90]
PGE	OPTO 1	0.04	0.04	0.22	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	1.05	1.05	1.05	1.05
SCE	OPTO 2	0.04	0.04	0.22	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.85	0.85	0.85	0.85
SDGE	OPTO 4	0.05	0.05	0.27	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.53	0.53	0.53	0.53
CDWR-N	New PTO 1	-	-	-	(0.47)	(0.41)	(0.37)	(0.32)	(0.29)	(0.25)	(0.22)	(0.22)	(0.52)	(0.52)	(0.52)	(0.52)
WAPA	New PTO 1	-	-	-	(0.23)	(0.19)	(0.15)	(0.12)	(0.09)	(0.06)	(0.04)	(0.04)	(0.09)	(0.09)	(0.09)	(0.09)
MID	New PTO 1	-	-	-	(1.70)	(1.59)	(1.48)	(1.38)	(1.30)	(1.22)	(1.14)	(1.14)	(2.71)	(2.71)	(2.71)	(2.71)
Other*	New PTOs 1	-	-	-	(0.89)	(0.81)	(0.75)	(0.69)	(0.63)	(0.58)	(0.54)	(0.54)	(1.27)	(1.27)	(1.27)	(1.27)
Anaheim	New PTO 2	-	-	(6.79)	(3.63)	(3.42)	(3.23)	(3.06)	(2.91)	(2.77)	(2.64)	(2.64)	(6.28)	(6.28)	(6.28)	(6.28)
Azusa	New PTO 2	-	-	(5.22)	(2.74)	(2.58)	(2.44)	(2.31)	(2.19)	(2.08)	(1.98)	(1.98)	(4.71)	(4.71)	(4.71)	(4.71)
Banning	New PTO 2	-	-	(6.70)	(3.58)	(3.37)	(3.19)	(3.02)	(2.87)	(2.73)	(2.61)	(2.61)	(6.19)	(6.19)	(6.19)	(6.19)
Riverside	New PTO 2	-	-	(8.39)	(4.53)	(4.28)	(4.05)	(3.84)	(3.65)	(3.48)	(3.32)	(3.32)	(7.88)	(7.88)	(7.88)	(7.88)
Vernon	New PTO 2	(6.09)	(6.23)	(6.06)	(3.21)	(3.03)	(2.86)	(2.71)	(2.57)	(2.45)	(2.34)	(2.34)	(5.54)	(5.54)	(5.54)	(5.54)
CDWR-S	New PTO 2	-	-	-	(0.37)	(0.34)	(0.31)	(0.29)	(0.26)	(0.24)	(0.22)	(0.22)	(0.52)	(0.52)	(0.52)	(0.52)
Colton	New PTO 2	-	-	-	(3.00)	(2.82)	(2.67)	(2.53)	(2.40)	(2.28)	(2.18)	(2.18)	(5.16)	(5.16)	(5.16)	(5.16)
Other**	New PTOs 2	-	-	-	(0.92)	(0.86)	(0.80)	(0.75)	(0.71)	(0.66)	(0.63)	(0.63)	(1.49)	(1.49)	(1.49)	(1.49)
LADWP	New PTO 3	-	-	-	(0.60)	(0.76)	(0.89)	(1.02)	(1.13)	(1.24)	(1.33)	(1.33)	(3.16)	(3.16)	(3.16)	(3.16)
Other***	New PTOs 3	-	-	-	(2.66)	(2.70)	(2.74)	(2.78)	(2.81)	(2.84)	(2.87)	(2.87)	(6.80)	(6.80)	(6.80)	(6.80)
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		0.04	0.04	0.23	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.91	0.91	0.91	0.91
New PTOs - Area 1		-	-	-	(0.80)	(0.73)	(0.66)	(0.61)	(0.56)	(0.51)	(0.47)	(0.47)	(1.11)	(1.11)	(1.11)	(1.11)
New PTOs - Area 2		(6.09)	(6.23)	(3.04)	(2.03)	(1.91)	(1.80)	(1.70)	(1.61)	(1.53)	(1.46)	(1.46)	(3.46)	(3.46)	(3.46)	(3.46)
New PTOs - Area 3		-	-	-	(0.79)	(0.94)	(1.07)	(1.18)	(1.29)	(1.39)	(1.47)	(1.47)	(3.50)	(3.50)	(3.50)	(3.50)
TOTAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:
Calculated as (Page 4 of Table 3) / (Page 1 of Table 1).
Positive values represent cost shift burden; negative values represent cost shift benefits.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena.
- *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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		TAC Cost Shift After Transition Charges, as a Percentage of HV TRR for Existing Facilities														
Company	TAC Area	2001 [91]	2002 [92]	2003 [93]	2004 [94]	2005 [95]	2006 [96]	2007 [97]	2008 [98]	2009 [99]	2010 [100]	2011 [101]	2012 [102]	2013 [103]	2014 [104]	2015 [105]
PGE	OPTO 1	2%	2%	16%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%
SCE	OPTO 2	2%	2%	11%	19%	19%	19%	19%	19%	19%	19%	19%	19%	19%	19%	19%
SDGE	OPTO 4	2%	2%	11%	19%	19%	19%	19%	19%	19%	19%	19%	19%	19%	19%	19%
GDWR-N	New PTO 1	0%	0%	0%	-14%	-12%	-11%	-10%	-8%	-7%	-6%	-5%	-3%	-3%	-3%	-3%
WAPA	New PTO 1	0%	0%	0%	-8%	-6%	-5%	-4%	-3%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
MID	New PTO 1	0%	0%	0%	-31%	-28%	-27%	-25%	-23%	-22%	-20%	-20%	-19%	-19%	-19%	-19%
Other*	New PTOs 1	0%	0%	0%	-22%	-20%	-18%	-17%	-15%	-14%	-13%	-13%	-13%	-13%	-13%	-13%
Anaheim	New PTO 2	0%	0%	-74%	-40%	-37%	-35%	-34%	-32%	-30%	-29%	-29%	-29%	-29%	-29%	-29%
Azusa	New PTO 2	0%	0%	-69%	-36%	-34%	-32%	-30%	-29%	-27%	-26%	-26%	-26%	-26%	-26%	-26%
Banning	New PTO 2	0%	0%	-74%	-40%	-37%	-35%	-33%	-32%	-30%	-29%	-29%	-29%	-29%	-29%	-29%
Riverside	New PTO 2	0%	0%	-78%	-42%	-40%	-38%	-36%	-34%	-32%	-31%	-31%	-31%	-31%	-31%	-31%
Vernon	New PTO 2	-75%	-77%	-72%	-38%	-36%	-34%	-32%	-31%	-29%	-28%	-28%	-28%	-28%	-28%	-28%
CDWR-S	New PTO 2	0%	0%	0%	-11%	-10%	-9%	-8%	-7%	-7%	-6%	-6%	-6%	-6%	-6%	-6%
Colton	New PTO 2	0%	0%	0%	-37%	-35%	-33%	-31%	-30%	-28%	-27%	-27%	-27%	-27%	-27%	-27%
Other**	New PTOs 2	0%	0%	0%	-21%	-20%	-18%	-17%	-16%	-15%	-14%	-14%	-14%	-14%	-14%	-14%
LADWP	New PTO 3	0%	0%	0%	-10%	-13%	-15%	-17%	-19%	-21%	-22%	-22%	-22%	-22%	-22%	-22%
Other***	New PTOs 3	0%	0%	0%	-28%	-28%	-28%	-29%	-29%	-29%	-30%	-30%	-30%	-30%	-30%	-30%
TransElect		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
OPTOs		2%	2%	13%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
New PTOs - Area 1		0%	0%	0%	-20%	-18%	-17%	-15%	-14%	-13%	-12%	-12%	-12%	-12%	-12%	-12%
New PTOs - Area 2		-75%	-77%	-48%	-32%	-30%	-29%	-27%	-26%	-24%	-23%	-23%	-23%	-23%	-23%	-23%
New PTOs - Area 3		0%	0%	0%	-12%	-15%	-17%	-19%	-20%	-22%	-23%	-23%	-23%	-23%	-23%	-23%
TOTAL		2%	2%	6%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	23%

Notes:
Calculated as (Page 4 of Table 3) / (Page 4 of Table 1).
Positive values represent cost shift burden; negative values represent cost shift benefits.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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Company	TAC Area	Cost Shift in Excess of Acceptable TAC Burden (\$1000)														
		2001 [106]	2002 [107]	2003 [108]	2004 [109]	2005 [110]	2006 [111]	2007 [112]	2008 [113]	2009 [114]	2010 [115]	2011 [116]	2012 [117]	2013 [118]	2014 [119]	2015 [120]
PGE	OPTO 1	-	-	-	32,255	36,598	40,940	45,283	49,626	53,968	58,311	-	-	-	-	-
SCE	OPTO 2	-	-	-	27,413	29,402	31,390	33,378	35,367	37,355	39,343	-	-	-	-	-
SDGE	OPTO 4	-	-	-	-	-	-	-	-	-	377	-	-	-	-	
CDWR-N	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAPA	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MID	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other*	New PTOs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Anaheim	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Azusa	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Banning	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Riverside	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vernon	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CDWR-S	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colton	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other**	New PTOs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LADWP	New PTO 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other***	New PTOs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OPTOs		-	-	-	59,669	66,000	72,330	78,661	84,992	91,700	98,961	-	-	-	-	
New PTOs - Area 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New PTOs - Area 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New PTOs - Area 3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL		-	-	-	59,669	66,000	72,330	78,661	84,992	91,700	98,961	-	-	-	-	

Notes:

Calculated as (Page 1 of Table 3), (Page 2 of Table 3), for entities which have a cost shift greater than the acceptable TAC burden.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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		Amount by which OPTOs' Acceptable TAC Burden Exceeds OPTOs' Cost Shift (\$1000)														
Company	TAC Area	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
		[121]	[122]	[123]	[124]	[125]	[126]	[127]	[128]	[129]	[130]	[131]	[132]	[133]	[134]	[135]
PGE	OPTO 1	29,739	36,981	15,933	-	-	-	-	-	-	-	-	-	-	-	-
SCE	OPTO 2	26,553	18,184	3,868	-	-	-	-	-	-	-	-	-	-	-	-
SDGE	OPTO 4	8,333	9,288	9,874	4,277	3,346	2,416	1,485	554	-	-	-	-	-	-	-
CDWR-N	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAPA	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MID	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other*	New PTOs 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anaheim	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Azusa	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Banning	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vernon	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CDWR-S	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colton	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other**	New PTOs 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LADWP	New PTO 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other***	New PTOs 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		64,625	64,454	29,676	4,277	3,346	2,416	1,485	554	-	-	-	-	-	-	-
New PTOs - Area 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL		64,625	64,454	29,676	4,277	3,346	2,416	1,485	554	-	-	-	-	-	-	-

Notes:

Calculated as (Page 2 of Table 3) - (Page 1 of Table 3), for OPTOs which have a cost shift less than the acceptable TAC burden.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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Company	TAC Area	Muni Portion of Total Muni Benefits														
		2001 [135]	2002 [137]	2003 [138]	2004 [139]	2005 [140]	2006 [141]	2007 [142]	2008 [143]	2009 [144]	2010 [145]	2011 [146]	2012 [147]	2013 [148]	2014 [149]	2015 [150]
PGE	OPTO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
SCF	OPTO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
SDGE	OPTO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CDWR-N	New PTO	0%	0%	0%	3%	2%	2%	2%	1%	2%	1%	1%	1%	1%	1%	1%
WAPA	New PTO	0%	0%	0%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
MID	New PTO	0%	0%	0%	6%	5%	5%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Other*	New PTOs	0%	0%	0%	23%	21%	19%	17%	16%	15%	14%	14%	14%	14%	14%	14%
Anaheim	New PTO	0%	0%	42%	13%	12%	12%	11%	10%	10%	10%	10%	10%	10%	10%	10%
Azusa	New PTO	0%	0%	3%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Banning	New PTO	0%	0%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Riverside	New PTO	0%	0%	36%	11%	11%	10%	10%	9%	8%	8%	8%	8%	8%	8%	8%
Vernon	New PTO	100%	100%	17%	5%	5%	5%	4%	4%	4%	4%	4%	4%	4%	4%	4%
CDWR-S	New PTO	0%	0%	0%	2%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%
Colton	New PTO	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Other**	New PTOs	0%	0%	0%	4%	4%	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%
LADWP	New PTO	0%	0%	0%	20%	25%	29%	33%	37%	40%	43%	43%	43%	43%	43%	43%
Other***	New PTOs	0%	0%	0%	9%	9%	9%	9%	9%	9%	10%	10%	10%	10%	10%	10%
TransElect																
OPTOs		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
New PTOs - Area 1		0%	0%	0%	32%	29%	27%	25%	22%	21%	19%	19%	19%	19%	19%	19%
New PTOs - Area 2		100%	100%	100%	39%	37%	35%	33%	31%	30%	28%	28%	28%	28%	28%	28%
New PTOs - Area 3		0%	0%	0%	28%	34%	38%	43%	46%	50%	53%	53%	53%	53%	53%	53%
TOTAL		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Notes:
Calculated as (Page 1 of Table 3)/(Total Muni Benefit).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena
 - *** Other New PTOs in Area 3: Burbank and Glendale
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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		Payments by Entities that have a Cost Shift which is Less than their Acceptable TAC Burden (\$1000)														
Company	TAC Area	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
		[151]	[152]	[153]	[154]	[155]	[156]	[157]	[158]	[159]	[160]	[161]	[162]	[163]	[164]	[165]
PGE	OPTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCE	OPTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SDGE	OPTO 4	-	-	-	4,277	3,346	2,416	1,485	554	-	-	-	-	-	-	-
CDWR-N	New PTO 1	-	-	-	1,511	1,518	1,502	1,467	1,415	1,349	1,270	-	-	-	-	-
WAPA	New PTO 1	-	-	-	733	685	619	540	447	344	232	-	-	-	-	-
MID	New PTO 1	-	-	-	3,092	3,253	3,385	3,493	3,580	3,649	3,701	-	-	-	-	-
Other*	New PTOs 1	-	-	-	12,491	12,936	13,242	13,427	13,510	13,503	13,418	-	-	-	-	-
Anaheim	New PTO 2	-	-	-	7,228	7,706	8,130	8,506	8,841	9,141	9,411	-	-	-	-	-
Azusa	New PTO 2	-	-	-	505	538	567	592	615	635	653	-	-	-	-	-
Banning	New PTO 2	-	-	-	384	409	432	452	469	485	500	-	-	-	-	-
Riverside	New PTO 2	-	-	-	6,326	6,750	7,126	7,461	7,761	8,031	8,274	-	-	-	-	-
Vernon	New PTO 2	-	-	-	2,993	3,190	3,363	3,517	3,654	3,776	3,886	-	-	-	-	-
CDWR-S	New PTO 2	-	-	-	1,213	1,252	1,277	1,289	1,292	1,285	1,270	-	-	-	-	-
Colton	New PTO 2	-	-	-	734	782	824	861	895	924	951	-	-	-	-	-
Other**	New PTOs 2	-	-	-	2,420	2,552	2,663	2,755	2,830	2,892	2,942	-	-	-	-	-
LADWP	New PTO 3	-	-	-	10,856	15,443	20,402	25,679	31,229	37,016	43,010	-	-	-	-	-
Other***	New PTOs 3	-	-	-	4,904	5,639	6,384	7,138	7,900	8,669	9,444	-	-	-	-	-
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		-	-	-	4,277	3,346	2,416	1,485	554	-	-	-	-	-	-	-
New PTOs - Area 1		-	-	-	17,827	18,392	18,748	18,927	18,952	18,845	18,621	-	-	-	-	-
New PTOs - Area 2		-	-	-	21,804	23,180	24,381	25,433	26,357	27,170	27,886	-	-	-	-	-
New PTOs - Area 3		-	-	-	15,761	21,082	26,786	32,817	39,129	45,685	52,455	-	-	-	-	-
TOTAL		-	-	-	59,669	66,000	72,330	78,661	84,992	91,700	98,961	-	-	-	-	-

Notes:
This table allocates the cost shifts in Page 8 of Table 3 as such: OPTOs pay up to their maximum acceptable TAC burden (Page 2 of Table 3), muni's which have a net TAC benefit pay any additional cost shifts in proportion to their benefit. In the case that the OPTOs' payments (Page 9 of Table 3) would exceed muni cost shifts (Page 8 of Table 3), each OPTO pays [Total Muni cost shift (Page 8 of Table 3)] x [Their proportion of (Total Acceptable TAC Burden - Total OPTO Cost Shift)].

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi.
 - ** Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

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		TAC Cost Shift After Limiting TAC Burden (\$1000)														
Company	TAC Area	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PGE	OPTO 1	2,261	(4,981)	16,067	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
SCE	OPTO 2	5,447	13,816	28,132	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
SDGE	OPTO 4	(333)	(1,288)	(1,874)	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
CDWR-N	New PTO 1	-	-	-	(1,964)	(1,744)	(1,547)	(1,368)	(1,207)	(1,059)	(924)	(2,194)	(2,194)	(2,194)	(2,194)	(2,194)
WAPA	New PTO 1	-	-	-	(953)	(787)	(638)	(503)	(381)	(270)	(169)	(400)	(400)	(400)	(400)	(400)
MID	New PTO 1	-	-	-	(4,019)	(3,738)	(3,486)	(3,259)	(3,053)	(2,865)	(2,693)	(6,394)	(6,394)	(6,394)	(6,394)	(6,394)
Other*	New PTOs 1	-	-	-	(16,236)	(14,866)	(13,637)	(12,527)	(11,520)	(10,602)	(9,763)	(23,181)	(23,181)	(23,181)	(23,181)	(23,181)
Anaheim	New PTO 2	-	-	(17,584)	(9,395)	(8,856)	(8,372)	(7,935)	(7,539)	(7,177)	(6,847)	(16,257)	(16,257)	(16,257)	(16,257)	(16,257)
Azusa	New PTO 2	-	-	(1,250)	(656)	(618)	(584)	(552)	(524)	(498)	(475)	(1,128)	(1,128)	(1,128)	(1,128)	(1,128)
Banning	New PTO 2	-	-	(935)	(499)	(470)	(445)	(421)	(400)	(381)	(363)	(863)	(863)	(863)	(863)	(863)
Riverside	New PTO 2	-	-	(15,222)	(8,223)	(7,757)	(7,338)	(6,960)	(6,618)	(6,305)	(6,020)	(14,293)	(14,293)	(14,293)	(14,293)	(14,293)
Vernon	New PTO 2	(7,375)	(7,546)	(7,333)	(3,891)	(3,666)	(3,464)	(3,281)	(3,116)	(2,965)	(2,827)	(6,713)	(6,713)	(6,713)	(6,713)	(6,713)
CDWR-S	New PTO 2	-	-	-	(1,577)	(1,439)	(1,315)	(1,203)	(1,101)	(1,009)	(924)	(2,194)	(2,194)	(2,194)	(2,194)	(2,194)
Colton	New PTO 2	-	-	-	(954)	(898)	(848)	(804)	(763)	(726)	(692)	(1,642)	(1,642)	(1,642)	(1,642)	(1,642)
Other**	New PTOs 2	-	-	-	(3,146)	(2,933)	(2,742)	(2,570)	(2,413)	(2,271)	(2,141)	(5,083)	(5,083)	(5,083)	(5,083)	(5,083)
LADWP	New PTO 3	-	-	-	(14,111)	(17,747)	(21,011)	(23,956)	(26,629)	(29,064)	(31,293)	(74,303)	(74,303)	(74,303)	(74,303)	(74,303)
Other***	New PTOs 3	-	-	-	(6,375)	(6,480)	(6,574)	(6,659)	(6,736)	(6,807)	(6,871)	(16,315)	(16,315)	(16,315)	(16,315)	(16,315)
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		7,375	7,546	42,324	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000
New PTOs - Area 1		-	-	-	(23,172)	(21,135)	(19,307)	(17,657)	(16,160)	(14,796)	(13,548)	(32,169)	(32,169)	(32,169)	(32,169)	(32,169)
New PTOs - Area 2		(7,375)	(7,546)	(42,324)	(28,342)	(26,637)	(25,108)	(23,727)	(22,474)	(21,333)	(20,288)	(48,174)	(48,174)	(48,174)	(48,174)	(48,174)
New PTOs - Area 3		-	-	-	(20,486)	(24,227)	(27,585)	(30,616)	(33,365)	(35,871)	(38,154)	(90,618)	(90,618)	(90,618)	(90,618)	(90,618)
TOTAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Calculated as (Page 1 of Table 3) + (Page 11 of Table 3) - (Page 8 of Table 3).

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
 - ** Other New PTOs in Area 2: MWD and Pasadena.
 - *** Other New PTOs in Area 3: Burbank and Glendale.
- TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern

Table 3
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		Redistribution of OPTO Payments to Create Proportional Burden (\$1000)														
Company	TAC Area	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
		[181]	[182]	[183]	[184]	[185]	[186]	[187]	[188]	[189]	[190]	[191]	[192]	[193]	[194]	[195]
PGE	OPTO 1	1,016	8,335	2,744	-	-	-	-	-	-	-	-	-	-	-	-
SCE	OPTO 2	(2,169)	(10,462)	(9,321)	-	-	-	-	-	-	-	-	-	-	-	-
SDGE	OPTO 4	1,153	2,127	6,577	-	-	-	-	-	-	-	-	-	-	-	-
CDWR-N	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAPA	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MID	New PTO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other*	New PTOs 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anahelm	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Azusa	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Banning	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vernon	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CDWR-S	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colton	New PTO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other**	New PTOs 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LADWP	New PTO 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other***	New PTOs 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TransElect		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPTOs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New PTOs - Area 3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL																

Notes:

Amount Paid (Received) by OPTOs so that each OPTO's cost shift is an equal proportion of their acceptable TAC burden.

- * Other New PTOs in Area 1: Redding, SMUD, SVP, TID, Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas, Roseville, and Ukiah.
- ** Other New PTOs in Area 2: MWD and Pasadena.
- *** Other New PTOs in Area 3: Burbank and Glendale.

TAC Areas: (1) Northern; (2) East/Central; (3) West/Central; (4) Southern