

UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION

SAN DIEGO GAS & ELECTRIC COMPANY) DOCKET NO. ER13-__-000

SAN DIEGO GAS & ELECTRIC COMPANY'S
TRANSMISSION OWNER TARIFF
TO4 FORMULA

VOLUME 5

FEBRUARY 15, 2013

San Diego Gas & Electric Company

Volume 5

FORMULA COST STATEMENT WORKPAPERS

(For Base Period)

Docket No. ER13-____-____

San Diego Gas & Electric Company

Volume 5

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San Diego Gas & Electric Company

Base Period Statement - AD Cost of Plant Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AD - Workpapers
Cost of Plant
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No	(a) 31-May-11	(b) 31-May-12	(c) = [(a)+(b)]/2 Average Balance	Reference	Line No
1	\$ 10,189	\$ 1,774	\$ 5,982	BPWP; Page AD-1; Line 3	1
2					2
3			440,146	BPWP; Page AD-2; Line 17	3
4					4
5			1,462,374	BPWP; Page AD-3; Line 17	5
6					6
7			-		7
8					8
9			399,705	BPWP; Page AD-4; Line 17	9
10					10
11			\$ 2,308,207	Sum Lines 1 thru 9	11
12					12
13	4,636,952	4,867,301	4,752,127	BPWP; Page AD-5; Line 3	13
14					14
15			1,785,708	BPWP; Page AD-6; Line 17	15
16					16
17			-	N/A in TO4-Cycle 1	17
18					18
19			1,785,708	Sum Lines 15 thru 17	19
20					20
21	193,559	210,660	202,109	BPWP; Page AD-7; Line 3	21
22					22
23	482,470	459,162	470,816	BPWP; Page AD-8; Line 3	23
24					24
25	\$ 5,312,980	\$ 5,537,123	\$ 9,518,968	Sum Lines 11; 13; 19; 21; 23	25
26					26
27			14.44%	Statement AI; Line 13	27
28					28
29			\$ 5,982	See Line 1 above	29
30					30
31			1,785,708	See Line 19 Above	31
32					32
33			29,185	Line 21 x Line 27	33
34					34
35			67,986	Line 23 x Line 27	35
36					36
37			\$ 1,888,861	Sum Lines 29; 31; 33; 35	37
38					38
39			19.84%	Line 37 / Line 25	39

NOTES:

- ^a The balances for Electric Miscellaneous Intangible, Distribution, General and Common plant are derived based on a simple average balance using beginning and ending balances.
- ^b The balances for Steam, Nuclear, Hydraulic, Other Production, and Transmission plant are derived based on a 13-month weighted average balance.
- ¹ Electric Miscellaneous Intangible Plant, General Plant, and Common Plant are not affected by the "seven-factor guideline adjustment" because there's no transfer of transmission or distribution plant among these categories.
- ² Transmission Electric Miscellaneous Intangible Plant consist of the great majority of this plant being directly assigned to transmission and is not subject to labor ratio.
- ³ The amounts stated above are ratemaking utility plant in service and a result of implementing the "seven-factor guideline adjustment" which reflects transfers between generation and distribution functions. See workpaper pages AD-9 and AD-10.
- ⁴ The purpose of this footnote is to indicate for incentive projects, the cost of the project, and the in-service-date of incentive projects. There were no incentive projects included in Cycle 1 of SDG&E's TO-4 transmission rate case filing.
- ⁵ Used to allocate all elements of working capital, other than working cash.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

INTANGIBLE PLANT

Line No.	Adjusted FERC Intangible Plant Balance ^a	Reference From	Line No.
1	\$ 10,189	I-wp2	1
2	1,774	I-wp1	2
3	\$ 5,982		3
	Beginning and End Period Average		

^a These are pro-forma numbers to reflect the proposed direct assignment method for the electric miscellaneous intangible plant as explained in the testimony of Michelle Sommerville.

^b The May 2012 balance is considerably less than the May 2011 due to the retirement of fully depreciated assets.

San Diego Gas & Electric Company
 Electric Miscellaneous Intangible Plant
 Direct Assignment Allocation Method
 (\$1,000)

Line No	Direct Assignment Method	(1) Generation	(2) Transmission	(3) Distribution	(4) Per Book Intangible Plant Balance (1) + (2) + (3)	Line No
1	May-11	\$ 1,042	\$ 10,189	\$ 16,851	\$ 28,083	1
2	May-12	\$ 1,881	\$ 1,774	\$ 72,413	\$ 76,068	2
3	Beginning and Year End Average	\$ 1,462	\$ 5,982	\$ 44,632	\$ 52,075	3

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

STEAM PRODUCTION

Line No.	Month	(1) Total Steam Production Per Book	Reference From	(2) Steam Production Ratemaking	Reference From	Line No.
1	May-11	\$ 336,519	SP-wp2	\$ 350,067	SP-wp2	1
2	June	345,695	"	359,130	"	2
3	July	345,748	"	359,255	"	3
4	Aug	346,689	"	360,196	"	4
5	Sep	347,623	"	361,130	"	5
6	Oct	474,533	"	488,040	"	6
7	Nov	474,908	"	488,417	"	7
8	Dec	475,581	"	489,096	"	8
9	Jan-12	475,871	"	489,458	"	9
10	Feb	476,612	"	490,199	"	10
11	Mar	474,061	"	487,649	"	11
12	Apr	474,208	"	487,795	"	12
13	May-12	479,132	SP-wp1	492,720	SP-wp1	13
14	Total 13 Months	5,527,179		5,703,150		14
15	Less 1/2 First & Last Months	407,826		421,393		15
16	Total 12 Months Wtd. Average	5,119,352		5,281,757		16
17	Monthly Weighted Average	\$ 426,613		\$ 440,146		17

Column 2 represents the monthly ratemaking plant balances for the base period. These plant balances reflect the amounts shifted between functions (transmission to distribution, transmission to generation, distribution to transmission, etc.) as required by FERC Order 888 - Seven Factor Test.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

NUCLEAR PRODUCTION

Line No.	Month	(1) Total Nuclear Production Per Book	Reference From	(2) Nuclear Production Adjusted Book	Reference From	Line No.
1	May-11	\$ 1,450,074	NP-wp2	\$ 1,456,018	NP-wp2	1
2	June	1,451,151	"	1,457,094	"	2
3	July	1,453,195	"	1,459,139	"	3
4	Aug	1,454,341	"	1,460,285	"	4
5	Sep	1,452,914	"	1,458,858	"	5
6	Oct	1,453,197	"	1,459,141	"	6
7	Nov	1,454,002	"	1,459,946	"	7
8	Dec	1,456,556	"	1,462,500	"	8
9	Jan-12	1,459,205	"	1,465,149	"	9
10	Feb	1,459,190	"	1,465,134	"	10
11	Mar	1,461,344	"	1,467,287	"	11
12	Apr	1,464,623	"	1,470,567	"	12
13	May-12	1,464,812	NP-wp1	1,470,756	NP-wp1	13
14	Total 13 Months	18,934,605		19,011,874		14
15	Less 1/2 First & Last Months	1,457,443		1,463,387		15
16	Total 12 Months Wtd. Average	17,477,162		17,548,487		16
17	Monthly Weighted Average	\$ 1,456,430		\$ 1,462,374		17

Column 2 represents the monthly ratemaking plant balances for the base period. These plant balances reflect the amounts shifted between functions (transmission to distribution, transmission to generation, distribution to transmission, etc.) as required by FERC Order 888 - Seven Factor Test.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

OTHER PRODUCTION

Line No.	Month	(1) Total Other Production Per Book	Reference From	(2) Other Production Ratemaking	Reference From	Line No.
1	May-11	\$ 316,843	OP-wp2	\$ 291,989	OP-wp2	1
2	June	318,242	"	293,388	"	2
3	July	318,300	"	293,445	"	3
4	Aug	319,847	"	294,399	"	4
5	Sep	320,076	"	294,549	"	5
6	Oct	481,010	"	455,190	"	6
7	Nov	481,777	"	455,957	"	7
8	Dec	482,923	"	455,824	"	8
9	Jan-12	486,070	"	456,969	"	9
10	Feb	499,977	"	470,868	"	10
11	Mar	504,011	"	470,836	"	11
12	Apr	505,839	"	472,635	"	12
13	May-12	506,647	OP-wp1	472,809	OP-wp1	13
14	Total 13 Months	5,541,564		5,178,858		14
15	Less 1/2 First & Last Months	411,745		382,399		15
16	Total 12 Months Wtd. Average	5,129,818		4,796,459		16
17	Monthly Weighted Average	\$ 427,485		\$ 399,705		17

Column 2 represents the monthly ratemaking plant balances for the base period. These plant balances reflect the amounts shifted between functions (transmission to distribution, transmission to generation, distribution to transmission, etc.) as required by FERC Order 888 - Seven Factor Test.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

DISTRIBUTION PLANT

Line No.	Month	(1) Total Distribution Plant Per Book	Reference From	(2) Distribution Plant Ratemaking	Reference From	Line No.
1	May-11	\$ 4,581,853	D-wp2	\$ 4,636,952	D-wp2	1
2	May-12	4,796,112	D-wp1	4,867,301	D-wp1	2
3	Beginning and End Period Average	\$ 4,688,983		\$ 4,752,127		3

Column 2 represents the monthly ratemaking plant balances for the base period. These plant balances reflect the amounts shifted between functions (transmission to distribution, transmission to generation, distribution to transmission, etc.) as required by FERC Order 888 - Seven Factor Test.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)
DISTRIBUTION PLANT

Line No.	Month	(1) Total Distribution Plant Per Book Recorded	(2) Total Distribution Plant Per Book As Filed	(3) = (2) - (1) Col. 2 - Col. 1 Variance	(4) Distribution Plant Ratemaking Recorded	(5) Distribution Plant Ratemaking As Filed	(6) = (5) - (4) Col. 5 - Col. 4 Variance	Line No.
1	May-11	\$ 4,582,114	\$ 4,581,853	\$ (261)	\$ 4,637,213	\$ 4,636,952	\$ (261)	1
2	May-12	4,796,538	4,796,112	(426)	4,867,728	4,867,301	(426)	2
3	Beginning and End Period Average	\$ 4,689,326	\$ 4,688,983	\$ (344)	\$ 4,752,470	\$ 4,752,127	\$ (344)	3

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to FERC TO3 Cycle 5 Compliance Order issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61, 108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

TRANSMISSION PLANT

Line No.	Month	(1) Total Transmission Plant Per Book	Reference From	(2) Transmission Plant Ratemaking	Reference From	Line No.
1	May-11	\$ 1,763,237	T-wp2	\$ 1,713,723	T-wp2	1
2	June	1,781,544	"	1,732,138	"	2
3	July	1,798,844	"	1,748,618	"	3
4	Aug	1,808,925	"	1,758,667	"	4
5	Sep	1,812,236	"	1,761,980	"	5
6	Oct	1,815,528	"	1,765,181	"	6
7	Nov	1,818,273	"	1,766,189	"	7
8	Dec	1,854,786	"	1,799,591	"	8
9	Jan-12	1,877,520	"	1,822,200	"	9
10	Feb	1,883,135	"	1,827,781	"	10
11	Mar	1,885,512	"	1,828,987	"	11
12	Apr	1,894,856	"	1,838,283	"	12
13	May-12	1,900,705	T-wp1	1,844,046	T-wp1	13
14	Total 13 Months	23,895,100		23,207,384		14
15	Less 1/2 First & Last Months	1,831,971		1,778,884		15
16	Total 12 Months Wtd. Average	22,063,128		21,428,499		16
17	Monthly Weighted Average	\$ 1,838,594		\$ 1,785,708		17

Column 2 represents the monthly ratemaking plant balances for the base period. These plant balances reflect the amounts shifted between functions (transmission to distribution, transmission to generation, distribution to transmission, etc.) as required by FERC Order 888 - Seven Factor Test.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)
TRANSMISSION PLANT

Line No.	Month	(1) Total Transmission Plant Per Book Recorded	(2) Total Transmission Plant Per Book As Filed	(3) Col. 2 - Col. 1 Variance	(4) Transmission Plant Ratemaking Recorded	(5) Transmission Plant Ratemaking As Filed	(6) Col. 5 - Col. 4 Variance	Line No.
1	May-11	1,766,148	1,763,237	(2,911)	1,716,634	1,713,723	(2,911)	1
2	June	1,784,489	1,781,544	(2,945)	1,735,082	1,732,138	(2,945)	2
3	July	1,802,078	1,798,844	(3,234)	1,751,852	1,748,618	(3,234)	3
4	Aug	1,812,457	1,808,925	(3,533)	1,762,200	1,758,667	(3,533)	4
5	Sep	1,815,987	1,812,236	(3,752)	1,765,731	1,761,980	(3,752)	5
6	Oct	1,819,414	1,815,528	(3,886)	1,769,068	1,765,181	(3,886)	6
7	Nov	1,822,235	1,818,273	(3,962)	1,770,151	1,766,189	(3,962)	7
8	Dec	1,858,792	1,854,786	(4,006)	1,803,596	1,799,591	(4,006)	8
9	Jan-12	1,882,176	1,877,520	(4,655)	1,826,855	1,822,200	(4,655)	9
10	Feb	1,888,039	1,883,135	(4,904)	1,832,685	1,827,781	(4,904)	10
11	Mar	1,890,631	1,885,512	(5,118)	1,834,105	1,828,987	(5,118)	11
12	Apr	1,900,344	1,894,856	(5,488)	1,843,771	1,838,283	(5,488)	12
13	May-12	1,906,449	1,900,705	(5,744)	1,849,789	1,844,046	(5,744)	13
14	Total 13 Months	23,949,238	23,895,100	(54,138)	23,261,521	23,207,384	(54,138)	14
15	Less 1/2 First & Last Months	1,836,298	1,831,971	(4,327)	1,783,212	1,778,884	(4,327)	15
16	Total 12 Months Wtd. Average	22,112,938	22,063,128	(49,810)	21,478,310	21,428,499	(49,810)	16
17	Monthly Weighted Average	1,842,745	1,838,594	(4,151)	1,789,859	1,785,708	(4,151)	17

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to FERC TO3 Cycle 5 Compliance Order issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61, 108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD- 05/31/2012 PER BOOK
(\$1,000)

GENERAL PLANT

Line No.	Adjusted FERC General Plant Balance	Reference From	Line No.
1	\$ 193,559	G-wp2	1
2	210,660	G-wp1	2
3	\$ 202,109		3
Beginning and End Period Average			

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD- 05/31/2012 PER BOOK
(\$1,000)

GENERAL PLANT

Line No.	(1) Adjusted FERC General Plant Balance Per Book Recorded	(2) Adjusted FERC General Plant Balance Per Book As Filed	(3) = (2) - (1) Variance	Line No.
1	\$ 193,647	\$ 193,559	\$ (88)	1
2	210,900	210,660	(240)	2
3	\$ Beginning and End Period Average	\$ 202,273	\$ (164)	3

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to Order FERC TO3 Cycle 5 Compliance issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61,108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD- 05/31/2012 PER BOOK
(\$1,000)
COMMON PLANT

Line No.	Month	Total Common Plant Per Book	Total Common Plant Per Book Electric	Total Common Plant Per Book Gas	Reference From	Line No.
1	May-11	\$ 667,132	\$ 482,470	\$ 184,662	C-wp2	1
2	May-12	634,903	459,162	175,741	C-wp1	2
3	Beginning and End Period Average	\$ 651,018	\$ 470,816	\$ 180,202		3

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COMMON PLANT BALANCES AS OF MAY 31, 2011
(\$1,000)

Line No.	Acct. No.	Common Plant	TOTAL COMMON PLANT PER BOOKS	Total Common Plant Electric	Total Common Plant Gas	Line No.
1	303	Misc Intangible Plant	\$ 281,342			1
2	389	Land and Land Rights	6,693			2
3	390	Structures and Improvements	201,677			3
4	391	Office Furniture and Equipment	79,810			4
5	392	Transportation and Equipment	67			5
6	393	Stores and Equipment	134			6
7	394	Tools, Shop, and Garage Equipment	3,064			7
8	395	Laboratory Equipment	2,406			8
9	396	Power Operated Equipment	-			9
10	397	Communication Equipment	89,679			10
11	398	Miscellaneous Equipment	2,259			11
12		Subtotal May 31, 2011 Per Book	\$ 667,132			12
13		Common Plant Allocation Factors ¹		72.32%	27.68%	13
14		Allocation of Common to Electric / Gas	\$ 667,132	\$ 482,470	\$ 184,662	14

¹ The common plant allocation factor reflects SDG&E's proposed method in TO4 to allocate common plant between electric and gas division using a common plant allocation factor. See workpaper AH6 for the derivation of this factor.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COMMON PLANT BALANCES AS OF MAY 31, 2012
(\$1,000)

Line No.	Acct. No.	Common Plant	TOTAL COMMON PLANT PER BOOKS	Total Common Plant Electric	Total Common Plant Gas	Line No.
1	303	Misc Intangible Plant	\$ 186,313			1
2	389	Land and Land Rights	6,693			2
3	390	Structures and Improvements	236,766			3
4	391	Office Furniture and Equipment	89,372			4
5	392	Transportation and Equipment	67			5
6	393	Stores and Equipment	145			6
7	394	Tools, Shop, and Garage Equipment	2,745			7
8	395	Laboratory Equipment	2,393			8
9	396	Power Operated Equipment	-			9
10	397	Communication Equipment	107,918			10
11	398	Miscellaneous Equipment	2,491			11
12		Subtotal May 31, 2012 Per Book	\$ 634,903			12
13		Common Plant Allocation Factors ¹		72.32%	27.68%	13
14		Allocation of Common to Electric / Gas	\$ 634,903	\$ 459,162	\$ 175,741	14

¹ The common plant allocation factor reflects SDG&E's proposed method in TO4 to allocate common plant between electric and gas division using a common plant allocation factor. See workpaper AH6 for the derivation of this factor.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AD
COST OF PLANT
BASE PERIOD- 05/31/2012 PER BOOK
(\$1,000)
COMMON PLANT

Line No.	Month	(1) Total Common Plant to Electric Per Book Recorded	(2) Total Common Plant to Electric Per Book As Filed	(3) = (2) - (1) Variance	Line No.
1	May-11	\$ 482,470	\$ 482,470	-	1
2	May-12	459,165	459,162	(3)	2
3	Beginning and End Period Average	\$ 470,818	\$ 470,816	\$ (2)	3

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to Order FERC TO3 Cycle 5 Compliance issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61,108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SDG&E
TRANSMISSION FUNCTIONALIZATION STUDY
DERIVATION OF TRANSMISSION RELATED PLANT DOLLARS
 Balances as of 05/31/2011
 In Thousands

Line No.	Account	Description	(1) Total Transmission Account 101	(2) Generation Account 101 Plant Reclass as Transmission	(3) Distribution Account 101 Plant Reclass to Transmission	(4) Transmission Account 101 Plant Reclass Steam Prod.	(5) Transmission Account 101 Plant Reclass Other Prod.	(6) Transmission Account 101 Plant Reclass Nuclear	(7) Transmission Account 101 Plant Reclass as Distribution	(8) Total Transmission Plant Adjusted Book SUM 1:7
1	303.0	Production Related to Trans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	310.1	Intangibles	-	-	-	-	-	-	-	-
3	340.0	Land	-	-	-	-	-	-	-	-
4	360.0	Land & Land Rights	-	4	-	-	-	-	-	4
5	361.0	Land & Land Rights	-	-	3,623	-	-	-	-	3,623
		Structures & Improvements	-	-	1,090	-	-	-	-	1,090
6	TOTAL	TRANSMISSION RELATED	-	4	4,712	-	-	-	-	4,716
7	350.0	Land & Land Rights	103,609	-	-	-	-	-	(4,619)	98,989
8	352.0	Structures & Improvements	101,497	-	-	(2,082)	-	-	(25,942)	73,472
9	353.0	Station Equipment	685,204	-	-	(9,704)	-	(5,944)	(2,577)	665,380
10	354.0	Towers and Fixtures	109,765	-	-	-	(1,600)	-	-	109,765
11	355.0	Poles and Fixtures	207,263	-	-	-	-	-	-	207,263
12	356.0	OH Conductors and Device	275,528	-	-	-	-	-	-	275,528
13	357.0	Underground Conduit	134,311	-	-	-	-	-	-	134,311
14	358.0	UG Conductors & Devices	117,588	-	-	(1,762)	-	-	-	115,825
15	359.0	Roads & Trails	28,472	-	-	-	-	-	-	28,472
16	TOTAL	TRANSMISSION PLANT	1,763,237	-	-	(13,548)	(1,600)	(5,944)	(33,138)	1,709,007
17	GRAND TOTAL	RECLASS TRANS PLANT	\$ 1,763,237	\$ 4	\$ 4,712	\$ (13,548)	\$ (1,600)	\$ (5,944)	\$ (33,138)	\$ 1,713,728

* (5,944) Reclassified as Nuclear Production and part of SONGS Settlement Agreement.

These represents plant transfers to comply with FERC Order No. 888 and reflect the adjusted transmission plant balances.

SDG&E
TRANSMISSION FUNCTIONALIZATION STUDY
DERIVATION OF TRANSMISSION RELATED PLANT DOLLARS
 Balances as of 05/31/2012
 In Thousands

Line No.	Account	Description	(1) Total Transmission Account 101	(2) Generation Account 101 Plant Reclass as Transmission	(3) Distribution Account 101 Plant Reclass to Transmission	(4) Transmission Account 101 Plant Reclass Steam Prod.	(5) Transmission Account 101 Plant Reclass Other Prod.	(6) Transmission Account 101 Plant Reclass Nuclear	(7) Transmission Account 101 Plant Reclass as Distribution	(8) Total Transmission Plant Adjusted Book SUM 1:7	Line No.
1	303.0	Production Related to Trans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1
2	310.1	Intangibles	-	-	-	-	-	-	-	-	2
3	340.0	Land & Land Rights	-	4	-	-	-	-	-	4	3
4	360.0	Land & Land Rights	-	-	3,591	-	-	-	-	3,591	4
5	361.0	Structures & Improvements	-	-	1,076	-	-	-	-	1,076	5
6	TOTAL	TRANSMISSION RELATED	-	4	4,667	-	-	-	-	4,671	6
7	350.0	Land & Land Rights	104,299	-	-	-	-	-	-	98,640	7
8	352.0	Structures & Improvements	115,802	-	-	(1,928)	-	-	(5,659)	81,893	8
9	353.0	Station Equipment	724,510	-	-	(9,897)	(1,600)	(5,944)	(31,981)	704,510	9
10	354.0	Towers and Fixtures	110,411	-	-	-	-	-	-	110,411	10
11	355.0	Poles and Fixtures	244,849	-	-	-	-	-	-	244,849	11
12	356.0	OH Conductors and Device	294,385	-	-	-	-	-	-	294,385	12
13	357.0	Underground Conduit	142,658	-	-	-	-	-	-	142,658	13
14	358.0	UG Conductors & Devices	126,699	-	-	(1,762)	-	-	-	124,936	14
15	359.0	Roads & Trails	37,092	-	-	-	-	-	-	37,092	15
16	TOTAL	TRANSMISSION PLANT	1,900,705	-	-	(13,587)	(1,600)	(5,944)	(40,199)	1,839,375	16
17	GRAND TOTAL	RECLASS TRANS PLANT	\$ 1,900,705	\$ 4	\$ 4,667	\$ (13,587)	\$ (1,600)	\$ (5,944)	\$ (40,199)	\$ 1,844,046	17

* (5,944) Reclassified as Nuclear Production and part of SONGS Settlement Agreement.

These represents plant transfers to comply with FERC Order No. 888 and reflect the adjusted transmission plant balances.

San Diego Gas & Electric Company

Base Period Statement - AE Accumulated Depreciation and Amortization Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AE - Workpapers
Accumulated Depreciation and Amortization
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No	(a) 31-May-11	(b) 31-May-12	(c) = [(a)+(b)]/2 Average Balance	Reference	Line No
1			\$ 528,768	BPWP; Page AE-1; Line 17	1
2					2
3			-	N/A in TO4-Cycle 1	3
4					4
5			528,768	Sum Lines 1; 3	5
6					6
7	9,461	435	4,948	BPWP; Page AE-2; Line 3	7
8					8
9	83,477	91,042	87,260	BPWP; Page AE-3; Line 3	9
10					10
11	274,537	210,638	242,587	BPWP; Page AE-4; Line 3	11
12					12
13			14.44%	See Statement AI; Line 13	13
14					14
15			12,600	Line 9 x Line 13	15
16					16
17			35,030	Line 11 x Line 13	17
18					18
19			\$ 581,346	Sum Lines 5; 7; 15; 17	19

NOTES:

- ^a The depreciation reserve for transmission plant is derived based on a 13-month weighted average balance.
- ^b The depreciation reserve for Electric Miscellaneous Intangible, General and Common plant is derived based on a simple average balance.
- ¹ The amounts stated above are ratemaking utility plant in service and a result of implementing the "seven-factor guideline adjustment" which reflects transfers between generation and distribution functions.
- ² Electric Miscellaneous Intangible Plant, General Plant, and Common Plant are not affected by the "seven-factor guideline adjustment" because there's no transfer of transmission or distribution plant among these categories.
- ³ Transmission Electric Miscellaneous Intangible Plant consist of the great majority of this plant being directly assigned to transmission and is

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

TRANSMISSION PLANT

Line No.	Month	(1) Total Transmission Reserves Per Book	Reference From	(2) Transmission Reserves Ratemaking	Reference From	Line No.
1	May-11	\$ 528,204	T-wp2	\$ 512,425	T-wp2	1
2	June	529,764	"	513,921	"	2
3	July	532,510	"	516,589	"	3
4	Aug	535,727	"	519,701	"	4
5	Sep	537,361	"	521,276	"	5
6	Oct	539,902	"	523,743	"	6
7	Nov	539,264	"	522,800	"	7
8	Dec	548,831	"	532,281	"	8
9	Jan-12	552,048	"	535,355	"	9
10	Feb	555,676	"	538,882	"	10
11	Mar	559,787	"	542,895	"	11
12	Apr	563,619	"	546,628	"	12
13	May-12	566,956	T-wp1	549,872	T-wp1	13
14	Total 13 Months	7,089,650		6,876,369		14
15	Less 1/2 First & Last Months	547,580		531,149		15
16	Total 12 Months Wtd. Average	6,542,068		6,345,221		16
17	Monthly Weighted Average	\$ 545,172		\$ 528,768		17

Column 2 represents the monthly ratemaking depreciation reserve balances for the base period. These depreciation reserve balances reflect the amounts shifted between functions (transmission to distribution, transmission to generation, distribution to transmission, etc.) as required by FERC Order 888 - Seven Factor Test.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)
TRANSMISSION PLANT

Line No.	Month	(1) Total Transmission Reserves Per Book Recorded	(2) Total Transmission Reserves Per Book As Filed	(3) = (2) - (1) Col. 2 - Col. 1 Variance	(4) Transmission Reserves Ratemaking Recorded	(5) Transmission Reserves Ratemaking As Filed	(6) = (5) - (4) Col. 5 - Col. 4 Variance	Line No.
1	May-11	\$ 527,611	\$ 528,204	\$ 593	\$ 511,832	\$ 512,425	\$ 593	1
2	June	529,132	529,764	632	513,289	513,921	632	2
3	July	531,857	532,510	653	515,936	516,589	653	3
4	Aug	535,060	535,727	667	519,034	519,701	667	4
5	Sep	536,672	537,361	689	520,588	521,276	689	5
6	Oct	539,207	539,902	695	523,048	523,743	695	6
7	Nov	538,561	539,264	703	522,097	522,800	703	7
8	Dec	548,106	548,831	725	531,556	532,281	725	8
9	Jan-12	551,281	552,048	767	534,589	535,355	767	9
10	Feb	554,937	555,676	739	538,144	538,882	739	10
11	Mar	559,010	559,787	777	542,118	542,895	777	11
12	Apr	562,827	563,619	792	545,836	546,628	792	12
13	May-12	566,049	566,956	907	548,965	549,872	907	13
14	Total 13 Months	7,080,311	7,089,650	9,339	6,867,030	6,876,369	9,339	14
15	Less 1/2 First & Last Months	546,830	547,580	750	530,398	531,149	750	15
16	Total 12 Months Wtd. Average	6,533,480	6,542,068	8,588	6,336,632	6,345,221	8,588	16
17	Monthly Weighted Average	\$ 544,457	\$ 545,172	\$ 716	\$ 528,053	\$ 528,768	\$ 716	17

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to FERC TO3 Cycle 5 Compliance Order issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61,108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

INTANGIBLE PLANT

Line No.	Adjusted FERC Intangible Reserve Balance ^a	Reference From	Line No.
1 May-11	\$ 9,461	I-wp2	1
2 May-12 ^b	435	I-wp1	2
3 Beginning and End Period Average	\$ 4,948		3

^a These are pro-forma numbers to reflect the proposed direct assignment method for the electric miscellaneous intangible plant as explained in the testimony of Michelle Sommerville.

^b The May 2012 balance is considerably less than the May 2011 due to the retirement of fully depreciated assets.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

GENERAL PLANT

Line No.	Adjusted FERC General Reserve Balance	Reference From	Line No.
1	\$ 83,477	G-wp2	1
2	91,042	G-wp1	2
3	\$ 87,260		3

Beginning and Year End Average

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)
GENERAL PLANT

Line No.	(1) Adjusted FERC General Reserve Balance Recorded	(2) Adjusted FERC General Reserve Balance As Filed	(3) = (2) - (1) Variance
1 May-11	\$ 83,478	\$ 83,477	\$ (1)
2 May-12	91,052	91,042	(9)
3 Beginning and Year End Average	\$ 87,265	\$ 87,260	\$ (5)

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to Order FERC TO3 Cycle 5 Compliance issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61,108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)
COMMON PLANT

Line No.	Month	Total Common Reserves Per Book	Total Common Reserves Per Book Electric	Total Common Reserves Per Book Gas	Reference From	Line No.
1	May-11	\$ 379,614	\$ 274,537	\$ 105,077	C-wp2	1
2	May-12	291,259	210,638	80,620	C-wp1	2
3	Beginning and Year End Average	\$ 335,436	\$ 242,587	\$ 92,849		3

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
COMMON PLANT BALANCES AS OF MAY 31, 2011
 (\$1,000)

Line No.	Acct. No.	Common Plant	TOTAL COMMON PLANT PER BOOKS	Total Common Plant Electric	Total Common Plant Gas	Line No.
1	303	Misc Intangible Plant	\$ 202,088			1
2	389	Land and Land Rights	27			2
3	390	Structures and Improvements	87,250			3
4	391	Office Furniture and Equipment	39,044			4
5	392	Transportation and Equipment	(363)			5
6	393	Stores and Equipment	33			6
7	394	Tools, Shop, and Garage Equipment	636			7
8	395	Laboratory Equipment	915			8
9	396	Power Operated Equipment	(193)			9
10	397	Communication Equipment	49,500			10
11	398	Miscellaneous Equipment	677			11
12		Subtotal May 31, 2011 Per Book	\$ 379,614			12
13		Common Plant Allocation Factors ¹		72.32%	27.68%	13
14		Allocation of Common to Electric / Gas	\$ 379,614	\$ 274,537	\$ 105,077	14

¹ The common plant allocation factor reflects SDG&E's proposed method in TO4 to allocate common plant between electric and gas division using a common plant allocation factor. See workpaper AH6 for the derivation of this factor.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AE
ACCUMULATED DEPRECIATION AND AMORTIZATION
COMMON PLANT BALANCES AS OF MAY 31, 2012
(\$1,000)

Line No.	Acct. No.	Common Plant	TOTAL COMMON PLANT PER BOOKS	Total Common Plant Electric	Total Common Plant Gas	Line No.
1	303	Misc Intangible Plant	\$ 98,489			1
2	389	Land and Land Rights	27			2
3	390	Structures and Improvements	98,828			3
4	391	Office Furniture and Equipment	43,094			4
5	392	Transportation and Equipment	(344)			5
6	393	Stores and Equipment	74			6
7	394	Tools, Shop, and Garage Equipment	496			7
8	395	Laboratory Equipment	992			8
9	396	Power Operated Equipment	(193)			9
10	397	Communication Equipment	48,939			10
11	398	Miscellaneous Equipment	856			11
12		Subtotal May 31, 2012 Per Book	\$ 291,259			12
13		Common Plant Allocation Factors ¹		72.32%	27.68%	13
14		Allocation of Common to Electric / Gas	\$ 291,259	\$ 210,638	\$ 80,620	14

¹ The common plant allocation factor reflects SDG&E's proposed method in TO4 to allocate common plant between electric and gas division using a common plant allocation factor. See workpaper AH6 for the derivation of this factor.

San Diego Gas & Electric Company

Base Period Statement - AF Specified Deferred Credits Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AF - Workpapers
Deferred Credits
Base Period 12 - Months Ended May 31, 2012
(\$1,000)

Line No		(a) 31-May-11	(b) 31-May-12	(c) = [(a)+(b)]/2 Average Balance	Reference	Line No
1	Transmission Plant Related ADIT- Excluding Bonus Depreciation	\$ (146,250)	\$ (157,435)	\$ (151,843)		1
2						2
3	Transmission Plant Related ADIT from Bonus Depreciation	<u>(26,338)</u>	<u>(38,310)</u>	<u>(32,324)</u>		3
4						4
5	Total Transmission Plant Related ADIT	\$ (172,588)	\$ (195,745)	\$ (184,167)	Sum of Lines 1 thru 3	5
6						6
7	Incentive Transmission Plant Related ADIT	<u>-</u>	<u>-</u>	<u>-</u>	Not Applicable in TO4-Cycle 1	7
8						8
9	Total	<u>\$ (172,588)</u>	<u>\$ (195,745)</u>	<u>\$ (184,167)</u>	Sum Lines 5; 7	9

San Diego Gas & Electric Company

Base Period Statement - AG Specified Plant Account (Other than Plant in Service) and Deferred Debits Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AG - Workpapers
Specified Plant Account (Other than Plant in Service) and Deferred Debits
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No	(a) 31-May-11	(b) 31-May-12	(c) = [(a)+(b)]/2 Average Balance	Reference	Line No
1			\$ 66,487	BPWP; Page AG2; Line 17	1
2					2
3			<u>\$ 66,487</u>	Sum of Line 1	3

¹ The balances for Transmission Plant Held for Future Use are derived based on a 13-month weighted average balance. Plant Held for Future Use represents the parcels of land purchased for the Torrey Pines/Sorrento Mesa, Salt Creek and Oceanside substations as well as various landrights acquisitions from the Bureau of Land Management, US Forest Service, and other various agencies for the Sunrise Powerlink. See workpaper AG3.

**SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AG
SPECIFIED PLANT ACCOUNTS (OTHER THAN PLANT IN SERVICE)
AND DEFERRED DEBITS
BASE PERIOD- 05/31/2012 PER BOOK
(\$1,000)**

TRANSMISSION PLANT

Line No.	Month	Transmission Plant Held For Future Use	Line No.
1	May-11	\$ 59,637	1
2	June	59,921	2
3	July	63,281	3
4	Aug	65,393	4
5	Sep	65,483	5
6	Oct	65,978	6
7	Nov	66,452	7
8	Dec	68,169	8
9	Jan-12	68,410	9
10	Feb	68,558	10
11	Mar	70,169	11
12	Apr	70,541	12
13	May-12	71,337	13
14	Total 13 Months	863,328	14
15	Less 1/2 First & Last Months	65,487	15
16	Total 12 Months Wtd. Average	797,841	16
17	Monthly Weighted Average	\$ 66,487	17

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AG
SPECIFIED PLANT ACCOUNTS (OTHER THAN PLANT IN SERVICE) AND DEFERRED DEBITS
12 Months Ending May 31, 2012
(\$1,000)

Line No	Description and Location of Property	Date	Beg. Bal. As of May 2011	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	End. Bal. As of May 2012	Line No
1	Torrey Pines/Sorrento Mesa Plant	3/31/2006	\$ 1,785													\$ 1,785	1
2	Jamul Land ¹	12/31/2006	1,188										(1,188)			-	2
3	Salt Creek - Transmission	7/31/2011			6,405	(400)										6,005	3
4	Oceanside - Transmission	5/31/2012													352	352	4
5	Total Transmission & Distribution Plant Held for Future Use Properties (Sum Lines 1 thru 4)		\$ 2,973	\$ -	\$ 6,405	\$ (400)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,188)	\$ -	\$ 352	\$ 8,142	5
6	Line 5 / 2 (50% Transmission / 50% Distribution)		\$ 1,486	\$ -	\$ 3,203	\$ (200)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (594)	\$ -	\$ 176	\$ 4,071	6
7	Sunrise:																7
8	Sunrise Land Rights - Var Agencies	11/30/2009	\$ 1,757	\$ (14)	\$ (177)	\$ 19	\$ 16	\$ 23	\$ 16	\$ 14	\$ 7	\$ 14	\$ 1,866	\$ 3	\$ 13	\$ 3,558	8
9	Sunrise - BLM Land Rights Acquisition	12/31/2009	10,487	3	4	95	4	4	4	264	4	5	4	2	6	10,887	9
10	Sunrise Land Rights Acquisition	1/31/2010	30,830	289	322	2,189	62	460	445	1,434	221	120	326	363	589	37,451	10
11	Sunrise - USFS Land Rights Acquisition - Trans R/W	11/30/2010	15,278	5	8	8	8	8	8	5	9	9	8	3	13	15,370	11
12	Total Sunrise (Sum Lines 8 to 11)		\$ 58,151	\$ 283	\$ 158	\$ 2,311	\$ 90	\$ 496	\$ 473	\$ 1,717	\$ 241	\$ 148	\$ 2,205	\$ 371	\$ 621	\$ 67,266	12
13	Grand Total (Beg. Bal. + Line 6 + Line 12)		\$ 59,637	\$ 59,921	\$ 63,281	\$ 65,393	\$ 65,483	\$ 65,978	\$ 66,452	\$ 68,169	\$ 68,410	\$ 68,558	\$ 70,169	\$ 70,541	\$ 71,337	\$ 71,337	13

¹ Jamul Land transfer to Non-Utility Plant in March 2012

San Diego Gas & Electric Company

Base Period Statement - AH Operation and Maintenance Expenses Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AH - Workpapers
Operation and Maintenance Expenses
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No.	Amounts	Reference	Line No.
1			1
<u>Derivation of Transmission Operation and Maintenance Expense:</u>			
2	\$ 69,312	Stmnt AH WP; Page-AH2; Line 33; Col. (a)	2
3	(7,935)	Stmnt AH WP; Page-AH2; Line 6; Col. (b)	3
4	(1,719)	Stmnt AH WP; Page-AH2; Line 10; Col. (b)	4
5	(5,140)	Stmnt AH WP; Page-AH2; Line 14; Col. (b)	5
6	(1,753)	Stmnt AH WP; Page-AH2; Line 15; Col. (b)	6
7	(1,000)	Stmnt AH WP; Page-AH2; Line 16; Col. (b)	7
8	\$ 51,765	Sum Lines 2 thru 7	8
9	-	Statement BK-1; Page 1; Line 6	9
10	51,765	Sum Lines 8 thru 9	10
11			11
<u>Derivation of Administrative and General Expense:</u>			
12			12
13	\$ 486,575	Stmnt AH WP; Page-AH3; Line 20; Col. (a)	13
14			14
15	(879)	Stmnt AH WP; Page-AH3; Line 24; Col. (g)	15
16	(3,167)	Stmnt AH WP; Page-AH3; Line 8; Col. (c)	16
17	4,039	Stmnt AH WP; Page-AH3; Line 8; Col. (d)	17
18	3,000	Stmnt AH WP; Page-AH3; Line 9; Col. (b)	18
19	(44,489)	Stmnt AH WP; Page-AH3; Line 25; Col. (g)	19
20	13,580	Stmnt AH WP; Page-AH3; Line 10; Col. (d)	20
21	(159,194)	Stmnt AH WP; Page-AH3; Line 26; Col. (g)	21
22	4,864	Stmnt AH WP; Page-AH3; Line 11; Col. (d)	22
23	(4,632)	Stmnt AH WP; Page-AH3; Line 27; Col. (f)	23
24	(623)	Stmnt AH WP; Page-AH3; Line 28; Col. (f)	24
25	(10,523)	Stmnt AH WP; Page-AH3; Line 30; Col. (g)	25
26	(281)	Stmnt AH WP; Page-AH3; Line 31; Col. (g)	26
27	(7)	Stmnt AH WP; Page-AH3; Line 32; Col. (g)	27
28	288,263	Sum Lines 13 thru 27	28
29	(6,143)	Stmnt AH WP; Page-AH3; Line 6; Col. (g)	29
30	282,120	Sum Lines 28 and 29	30
31	14.44%	Statement AI; Page 1, Line 13	31
32	\$ 40,738	Line 30 x Line 31	32
33			33
<u>Derivation of Transmission Plant Property Insurance Allocation Factor:</u>			
34			34
35	\$ 1,785,708	Statement AD; Page 1; Line 31	35
36	29,185	Statement AD; Page 1; Line 33	36
37	67,986	Statement AD; Page 1; Line 35	37
38	\$ 1,882,879	Sum Lines 35 thru 37	38
39			39
40	\$ 1,785,708	Statement AD; Page 1; Line 31	40
41	440,146	Statement AD; Page 1; Line 3	41
42	399,705	Statement AD; Page 1; Line 9	42
43	-	Not Applicable in Developing Ratio	43
44	4,752,127	Statement AD; Page 1; Line 13	44
45	202,109	Statement AD; Page 1; Line 21	45
46	470,816	Statement AD; Page 1; Line 23	46
47	\$ 8,050,612	Sum Lines 40 thru 46	47
48			48
49	23.39%	Line 38 / Line 47	49
50			50
51	\$ 6,143	See Line 29 Above	51
52			52
53	\$ 1,437	Line 49 x Line 51	53
54			54
55	\$ 40,738	See Line 32 Above	55
56			56
57	\$ 42,175	Sum Lines 53 & 55	57

SAN DIEGO GAS AND ELECTRIC COMPANY
Electric Transmission O&M Expenses
12 Months Ending May 31, 2012
(\$1,000)

Line No.	FERC Acct	Description	(a) Total Per Books	(b) Excluded Expenses	(c) = (a) + (b) Total Adjusted	Reference	Line No.
1		<u>Electric Transmission Operations</u>					1
2	560	Operation Supervision and Engineering	\$ 7,534	\$ -	\$ 7,534		2
3	561.1	Load Dispatch - Reliability	457	-	457		3
4	561.2	Load Dispatch - Monitor and Operate Transmission System	2,595	-	2,595		4
5	561.3	Load Dispatch - Transmission Service and Scheduling	-	-	-		5
6	561.4	Scheduling, System Control and Dispatch Services	7,935	(7,935)	-		6
7	561.5	Reliability, Planning and Standards Development	-	-	-		7
8	561.6	Transmission Service Studies	-	-	-		8
9	561.7	Generation Interconnection Studies	-	-	-		9
10	561.8	Reliability, Planning and Standards Development Services	1,719	(1,719)	-		10
11	562	Station Expenses	2,202	-	2,202		11
12	563	Overhead Line Expenses (a)	5,557	-	5,557		12
13	564	Underground Line Expenses	-	-	-		13
14	565	Transmission of Electricity by Others	5,140	(5,140)	-		14
15	566	Misc. Transmission Expenses	11,488	(1,753)	9,735		15
16	566	Misc. Transmission Expenses - Wildfire Damages (b)	1,000	(1,000)	-		16
17	567	Rents	1,907	-	1,907		17
18		<i>Total Operation</i>	\$ 47,534	\$ (17,547)	\$ 29,987	Sum Lines 2 thru 17	18
19		<u>Electric Transmission Maintenance</u>					19
21	568	Maintenance Supervision and Engineering	1,029	-	1,029		21
22	569	Maintenance of Structures	-	-	-		22
23	569.1	Maintenance of Computer Hardware	1,414	-	1,414		23
24	569.2	Maintenance of Computer Software	1,734	-	1,734		24
25	569.3	Maintenance of Communication Equipment	-	-	-		25
26	569.4	Maintenance of Misc. Regional Transmission Plant	127	-	127		26
27	570	Maintenance of Station Equipment	6,121	-	6,121		27
28	571	Maintenance of Overhead Lines	11,091	-	11,091		28
29	572	Maintenance of Underground Lines	116	-	116		29
30	573	Maintenance of Misc. Transmission Plant	146	-	146		30
31		<i>Total Maintenance</i>	\$ 21,778	\$ -	\$ 21,778	Sum Lines 21 thru 30	31
32							32
33		Total Transmission O&M Expenses	\$ 69,312	\$ (17,547)	\$ 51,765	Line 18 + Line 31	33
34							34
35							35
36		<u>Excluded Expenses (recovery method in parentheses)</u>					36
37	561.4	Scheduling, System Control and Dispatch Services (ERRA)		\$ (7,935)			37
38	561.8	Reliability, Planning and Standards Development Services (ERRA)		(1,719)			38
39	565	Transmission of Electricity by Others (ERRA)		(5,140)			39
40	566	Misc. Transmission Expenses:					40
41		ISO Grid Management Costs (ERRA)	\$ (3,690)				41
42		Reliability Services (RS rates)	2,185				42
43		Other (TRBAA, TACBA)	(248)				43
44		Total Excluded Misc. Transmission Expenses		(1,753)			44
45	566	Misc. Transmission Expenses - Wildfire Damages (b)		(1,000)			45
46		Total Excluded Expenses		\$ (17,547)			46
47							47
48	(a)	Other OH Line Expenses - \$2,507K plus Sunrise Fire Mitigation cost - \$3,050K = Total \$5,557K. The Sunrise fire mitigation cost that was paid in April 2012 was not capitalized pursuant to the TO3 Cycle 6 FERC settlement in ER 12-2454.					48
49							49
50							50
51	(b)	In April 2011, Acct 566 was credited by \$1M, and was subsequently debited in June 2011 by the same \$1M to reverse the original entry. Both entries dealt with the issue of whether or not SDG&E was able to directly assign wildfire expenses to Acct 566, which the FERC disallowed in its Letter Order in Docket No. ER10-2235-000, dated 10/8/2010. (133 FERC ¶ 61,016). Since the base period for its TO4-Cycle 1 filing is for the 12-month period June 2011 - May 2012, total O&M expense includes the \$1M charge in June 2011, which must be removed to normalize the base period O&M expense.					51
52							52
53							53
54							54
55							55
56							56

SAN DIEGO GAS AND ELECTRIC COMPANY
Administrative & General Expenses
12 Months Ending May 31 2012
(\$1,000)

Line No.	FERC Acct	Description	(A) Total Per Books	(B) Other Adjustment ¹	(C) Wildfire Capital Cost ² Jan - May '11	(D) Wildfire Capital Cost ^{3a, 3b, 3c} Jan - May '12	(E) = (Σ A to D) Adjusted Per Books	(F) Excluded Expenses	(G) = (E) + (F) Total Adjusted	Reference	Line No.
1		<i>Administrative & General</i>									1
2	920	A&G Salaries	\$ 19,700				\$ 19,700	\$ -	\$ 19,700		2
3	921	Office Supplies & Expenses	7,242				7,242	-	7,242		3
4	922	Less Construction Transfer	(7,831)				(7,831)	-	(7,831)		4
5	923	Outside Services	56,883				56,883	-	56,883		5
6	924	Property Insurance	6,143				6,143	-	6,143		6
7	925	Damages & Injuries - Non Wildfire Related ⁴	12,458				12,458	(879)	11,579		7
8	925	Damages & Injuries - Wildfire Insurance Premium ^{2, 3a}	72,166		(3,167)	4,039	73,038	-	73,038		8
9	925	Damages & Injuries - Wildfire Damage Claims - TO3 Cycle 5 ¹	41,489	3,000			44,489	(44,489)	-		9
10	925	Damages & Injuries - Wildfire Damage Claims - TO3 Cycle 6 ^{3a, 3}	145,614			13,580	159,194	(159,194)	-		10
11	925	Damages & Injuries - Wildfire Damage Claims - TO4 Cycle 1 ^{3c}	27,931			4,864	32,795	-	32,795		11
12	926	Employee Pension & Benefits	60,000				60,000	(787)	59,213		12
13	927	Franchise Expenses					-	-	-		13
14	928	Regulatory Expenses	13,865				13,865	(5,255)	8,610		14
15	929	Company Energy Use	(1,858)				(1,858)	-	(1,858)		15
16	930	Misc. General Expenses	15,786				15,786	(9,736)	6,050		16
17	931	Rents	9,182				9,182	(281)	8,901		17
18	935	Maintenance of General Plant	7,805				7,805	(7)	7,798		18
19											19
20		Total Administrative & General Expenses	\$ 486,575	\$ 3,000	\$ (3,167)	\$ 22,483	\$ 508,891	\$ (220,628)	\$ 288,263	Sum Lines 2 thru 18	20
21											21
22		Excluded Expenses:									22
23	925	Nuclear liability insurance expenses						\$ -	\$ (879)		23
24	925	Damages & Injuries - Wildfire Damage Claims applicable to TO3 Cycle 5 ¹						(44,489)	(44,489)		24
25	925	Damages & Injuries - Wildfire Damage Claims applicable to TO3 Cycle 6 ⁵						(159,194)	(159,194)		25
26	928	CPUC reimbursement fees					\$ (4,632)	(4,632)	(4,632)		26
27	928	Litigation expenses - Litigation Cost Memorandum Account (LCMA)					(623)	(623)	(5,255)		27
28	926	CPUC energy efficiency programs					\$ (787)	(787)	(5,255)		28
29	930	CPUC energy efficiency programs					(9,736)	(9,736)	(10,523)		29
30	931	Advanced Metering Infrastructure (AMI) lease facilities							(10,523)		30
31	935	Hazardous Substances-Hazardous Substance Cleanup Cost Account							(281)		31
32		Total							(7)		32
33									\$ (220,628)		33
34											34

Footnotes:

- ¹ In Feb, 2011, \$3M was debited to Acct 925 for the wildfire damage claims. This was subsequently reversed and credited in June 2011. Since the TO4-Cycle 1 filing base period covers June 2011 to May 2012 the adjustment was added back to normalize A&G expense. The total wildfire damage claims incurred in TO3 Cycle 5 at \$44,489M is excluded since it was previously recovered in a prior cyclical filing.
- ² In the Letter Order (140 FERC ¶ 61,018) for FERC docket ER11-4318, the FERC denied the capitalization of wildfire insurance premiums and damages claims. As a result, an adjusting entry was made in December 2011 expensing wildfire costs capitalized from January - May 2011. To normalize A&G expense for the TO4-Cycle 1 base period, the \$3,167M is reversed and excluded from A&G expense.
- ^{3a} In the Letter Order (140 FERC ¶ 61,018) for FERC docket ER11-4318, the FERC denied the capitalization of wildfire insurance premiums and damages claims. As a result, an adjusting entry was made in September 2012 to expense wildfire premiums that were capitalized from January - May 2012. To normalize A&G expense for the TO4-Cycle 1 base period, the \$4,039M is added to A&G expense because it pertains to January - May 2012, not September 2012.
- ^{3b} In the September 2012 adjusting entry to expense capitalized wildfire costs, it also included TO3-Cycle 6 wildfire damage claims from January - May 2012. In order to normalize A&G expense for the TO4-Cycle 1 base period, the \$13,580M is added to A&G expense because it pertains to January - May 2012, not September 2012.
- ^{3c} To the extent the September 2012 adjusting entry to expense capitalized wildfire costs also included TO4-Cycle 1 wildfire damage from claims of \$4,864M January - May 2012, in order to normalize A&G expense for the TO4-Cycle 1 base period, the \$4,864M is added to A&G expense because it pertains to January - May 2012, not September 2012.
- ⁴ FERC Acct 925 is shown in five parts to reflect non-wildfire related, wildfire insurance premium, and wildfire damage claims separately.
- ⁵ The amounts reported for the wildfire damage claims for TO3 Cycle 6 was \$159,194K and is excluded in this filing.

San Diego Gas & Electric Company
A&G Expense Allocation
 Base Period: June 2011 to May 2012

Line No	FERC Account	Account Description	Electric %	Gas %	A&G DIRECT CHARGES			Line No
					Electric	Gas	Total Elec & Gas	
1	920	A&G SALARIES			\$ 58,612	\$ 20,837	\$ 79,449	1
2	921	OFFICE SUPPLIES & EXPENSES			29,982	214,704	244,686	2
3	922	LESS CONSTRUCTION TRANSFER			(4,332)	(45,799)	(50,131)	3
4	923	OUTSIDE SERVICES			1,428,069	447,483	1,875,552	4
5	924	PROPERTY INSURANCE			105,611	805,370	910,981	5
6	925	INJURIES & DAMAGES			291,110,617	1,168,218	292,278,835	6
7	926	PENSIONS & BENEFITS			38,097,412	13,608,686	51,706,098	7
8	927	FRANCHISE REQUIREMENTS			88,222,221	8,668,775	96,890,996	8
9	928	REGULATORY EXPENSES			5,534,076	592,686	6,126,762	9
10	929	DUPLICATE CHARGE - CR			(1,857,666)	-	(1,857,666)	10
11	930	MISC. GENERAL EXPENSES			14,347,525	(162,633)	14,184,892	11
12	931	RENTS			690,050	36,933	726,983	12
13	935	MAINTENANCE OF GENERAL PLANT			122,891	7,951	130,842	13
14	TOTAL				\$ 437,885,068	\$ 25,363,211	\$ 463,248,279	14

Line No	FERC Account	Account Description	Allocation % ¹		A&G COMMON ALLOCATION CHARGES			Line No
			Electric %	Gas %	Electric	Gas	Total Elec & Gas	
1	920	A&G SALARIES	72.32%	27.68%	\$ 19,641,254	\$ 7,517,560	\$ 27,158,814	1
2	921	OFFICE SUPPLIES & EXPENSES	72.32%	27.68%	7,212,409	2,760,502	9,972,911	2
3	922	LESS CONSTRUCTION TRANSFER	72.32%	27.68%	(7,827,001)	(2,995,732)	(10,822,733)	3
4	923	OUTSIDE SERVICES	72.32%	27.68%	55,454,938	21,225,009	76,679,947	4
5	924	PROPERTY INSURANCE	84.95%	15.05%	6,037,232	1,069,574	7,106,806	5
6	925	INJURIES & DAMAGES	72.32%	27.68%	8,547,664	3,271,561	11,819,225	6
7	926	PENSIONS & BENEFITS	72.32%	27.68%	21,902,301	8,382,961	30,285,262	7
8	927	FRANCHISE REQUIREMENTS						8
9	928	REGULATORY EXPENSES	72.32%	27.68%	8,330,868	3,188,584	11,519,452	9
10	929	DUPLICATE CHARGE - CR						10
11	930	MISC. GENERAL EXPENSES	72.32%	27.68%	1,438,500	550,576	1,989,076	11
12	931	RENTS	72.32%	27.68%	8,492,074	3,250,285	11,742,359	12
13	935	MAINTENANCE OF GENERAL PLANT	72.32%	27.68%	7,681,579	2,940,073	10,621,652	13
14	TOTAL				\$ 136,911,818	\$ 51,160,953	\$ 188,072,771	14

¹ All accounts were allocated using the most current year's labor ratio, with the exception of account 924, which is allocated based on ratebase.

Line No	FERC Account	Account Description	TOTAL A&G COMMON & DIRECT CHARGES			Line No
			Electric	Gas	Total Elec & Gas	
1	920	A&G SALARIES	\$ 19,699,866	\$ 7,538,397	\$ 27,238,263	1
2	921	OFFICE SUPPLIES & EXPENSES	7,242,391	2,975,206	10,217,597	2
3	922	LESS CONSTRUCTION TRANSFER	(7,831,333)	(3,041,531)	(10,872,864)	3
4	923	OUTSIDE SERVICES	56,883,007	21,672,492	78,555,499	4
5	924	PROPERTY INSURANCE	6,142,843	1,874,944	8,017,787	5
6	925	INJURIES & DAMAGES	299,658,281	4,439,779	304,098,060	6
7	926	PENSIONS & BENEFITS	59,999,713	21,991,647	81,991,360	7
8	927	FRANCHISE REQUIREMENTS	88,222,221	8,668,775	96,890,996	8
9	928	REGULATORY EXPENSES	13,864,944	3,781,270	17,646,214	9
10	929	DUPLICATE CHARGE - CR	(1,857,666)	-	(1,857,666)	10
11	930	MISC. GENERAL EXPENSES	15,786,025	387,943	16,173,968	11
12	931	RENTS	9,182,124	3,287,218	12,469,342	12
13	935	MAINTENANCE OF GENERAL PLANT	7,804,470	2,948,024	10,752,494	13
14	TOTAL		\$ 574,796,886	\$ 76,524,164	\$ 651,321,050	14

927 FRANCHISE REQUIREMENTS (excl. in A&G per Transmission Formula Rate Filing Req) (88,222,221)

NET A&G EXPENSES (See Page AH3; Col. A; Line 20) \$ 486,574,665

SDG&E
COMMON ACCOUNT ALLOCATIONS
SUMMARY OF ELECTRIC & GAS ALLOCATIONS
AS SHOWN IN WORKPAPER PAGE AH4
June 2011 - May 2012 (actual data)

COMMON ACCOUNT DESCRIPTION	COMMON ACCOUNT RANGE	ELECTRIC	GAS	TOTAL
Administrative & General	920-923	72.32%	27.68%	100.00%
Property Insurance	924	84.95%	15.05%	100.00%
Injuries & Damages	925	72.32%	27.68%	100.00%
Pensions & Benefits	926	72.32%	27.68%	100.00%
Misc. Admin & General	928-935	72.32%	27.68%	100.00%

San Diego Gas and Electric Company
 Derivation of Common A&G Labor Allocation Factor
 For the Period June 1, 2011 through May 31, 2012
 T04 Cycle 1 (\$ Dollars)

Line No	A	B	C	D	E	F	G
Line No	A. Derivation of the Electric Transmission Wages & Salaries Allocation Factor (Statement A)						
1	Function	FERC Accounts		Electric Direct Payroll	Gas Direct Payroll	Total Direct Payroll	Line No
2	Direct Payroll Expenses, Electric and Gas O&M:						1
3	O&M EI Prod	500 - 514		\$ 10,458,177	-	\$ 10,458,177	2
4	O&M EI Trans	560 - 574		17,778,700	-	17,778,700	3
5	O&M EI Dist & Gas	580-598 / 700-894		53,833,096	30,781,519	84,614,615	4
6	Direct Cust Accounts	901 - 905		1,385,620	219,275	1,604,894	5
7	Direct Cust Svc & Info	907 - 910		10,701,157	2,367,819	13,068,977	6
8	Total Direct O&M Payroll Expenses Excluding A&G			\$ 94,156,750	\$ 33,368,614	\$ 127,525,364	7
9							8
10							9
11							10
12							11
13	B. Directly Assigned Customer Accounts & Customer Service Info Labor Expenses, Electric & Gas O&M:						
14	Function	Method	Electric %	Gas %	(Col C * Col G) Assigned to Electric	(Col D * Col G) Assigned to Gas	Total Common Labor Cost
15	Assigned Cust Accounts	No. of Customers	64.82%	35.18%	\$ 22,844,659	\$ 12,398,567	\$ 35,243,226
16	Assigned Cust Svc & Info	Cust. Svc O&M Exp.	81.93%	18.07%	6,078,929	1,340,733	7,419,662
17	Total Assigned Customer Accounts & Cust Svc & Info Expenses				\$ 28,923,589	\$ 13,739,300	\$ 42,662,888
18	C. Total Wages and Salaries - Direct Payroll Distribution:						
19	Function		Electric	Gas	Electric	Gas	Total
20	O&M EI Prod		L4 Col E	L4 Col F	\$ 10,458,177	-	\$ 10,458,177
21	O&M EI Trans		L5 Col E	L5 Col F	17,778,700	-	17,778,700
22	O&M EI Dist & Gas		L6 Col E	L6 Col F	53,833,096	30,781,519	84,614,615
23	Cust Accounts		L7+L13 Col E	L7+L13 Col F	24,230,279	12,617,842	36,848,121
24	Cust Svc & Info		L8+L14 Col E	L8+L14 Col F	16,780,087	3,708,552	20,488,639
25	Total				\$ 123,080,339	\$ 47,107,913	\$ 170,188,253
26	Common Plant and A&G Common Labor Cost Allocation			L24 Col E/L24 Col G	72.32%	27.68%	100.00%
27	Transmission Wages & Salaries Allocation Factor			L20 Col E/L24 Col E	14.44%		
28							27
29							28

SAN DIEGO GAS & ELECTRIC COMPANY
Derivation of 2012 Percentages of Allocation of Common Accounts to Electric and Gas Division
For Property Insurance (FERC Account 924)
12-months ending 5/31/2012
(\$1,000)

Line No	Description	A Electric Division	B Gas Division	C Total	Reference	Line No
1						1
2	Total Distribution Plant	\$ 4,752,127	\$ 1,281,113	\$ 6,033,240	Col. A - see Stmt AD1; Col. B - see wp AH7-A, Col C, Ln 3	2
3	Total Transmission Plant	1,785,708		1,785,708	Col. A - see Stmt AD1	3
4	Total Steam Production Plant	440,146		440,146	Col. A - see Stmt AD1	4
5	Total Other Production Plant	399,705		399,705	Col. A - see Stmt AD1	5
6	General Plant	202,109		202,109	Col. A - see Stmt AD1	6
7	Common Plant	301,712	115,478	417,190	see wp AH7-A, Col F, Lns 7 and 8	7
8	Total Plant in Service Excluding SONGS & Misc. Intangible Plant	\$ 7,881,507	\$ 1,396,591	\$ 9,278,098		8
9						9
10	Property Insurance Allocation %	84.95%	15.05%	100.00%		10

San Diego Gas and Electric Company
Ratemaking Plant Balances in Support of FERC 924 Allocation
For 12-months ending 5/31/2012 Allocations
(\$1,000)

Line No	Month	A			B		C = A - B		D	E	F = D - E	
		Total Gas Plant	Gas Intangible	Other Gas Plant ¹	Total Common Plant	Common Intangible	Net Common Plant ²	Line No				
1	5/31/2011	\$ 1,260,580	\$ 800	\$ 1,259,780	(see AD-8)	\$ 281,342	\$ 667,132	(see AD-8A & AD-8B, Ln 1)	\$ 385,790	1		
2	5/31/2012	1,302,531	86	1,302,445	634,903	186,313	448,590	2				
3	Average	\$ 1,281,556	\$ 443	\$ 1,281,113	\$ 651,018	\$ 233,827	\$ 417,190	3				
4	Common Plant Allocation Factors (see wp AH6):											
5	Electric								72.32%	5		
6	Gas								27.68%	6		
7	Common Plant Allocation To Electric (Col F, Ln 3 * Ln 5)								\$ 301,712	7		
8	Common Plant Allocation To Gas (Col F, Ln 3 * Ln 6)								\$ 115,478	8		

Electric plant balances taken from Statement AD-TO4 Base Period

¹ Total gas plant net of intangible. Intangible plant are not subject to property tax.

² Total common plant net of intangible. Intangible plant are not subject to property tax.

San Diego Gas & Electric Company

Base Period Statement - AI Wages and Salaries Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AI - Workpapers
Wages and Salaries
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

<u>Line No.</u>		<u>Amount</u>	<u>Reference</u>	<u>Line No.</u>
1	Production Wages & Salaries (Includes Steam & Other Power Supply)	\$ 10,458		1
2				2
3	Transmission Wages & Salaries	17,779		3
4				4
5	Distribution Wages & Salaries	53,833		5
6				6
7	Customer Accounts Wages & Salaries	24,230		7
8				8
9	Customer Services and Informational Wages & Salaries	<u>16,780</u>		9
10				10
11	Total	<u>\$ 123,080</u>	Sum Lines 1 thru 9	11
12				12
13	Transmission Wages and Salaries Allocation Factor	<u>14.44%</u>	Line 3 / Line 11	13

San Diego Gas & Electric Company

Base Period Statement - AJ Depreciation and Amortization Expenses Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AJ - Workpapers
Depreciation and Amortization Expense
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No.	Amounts	Reference	Line No.
1	\$ 46,762	BPWP; Page AJ-1; Line 11	1
2			2
3	-	N/A in TO4-Cycle 1	3
4			4
5	<u>\$ 46,762</u>	Sum Lines 1; 3	5
6			6
7	\$ 261	BPWP; Page AJ-2; Line 1	7
8			8
9	\$ 9,082	BPWP; Page AJ-3; Line 1	9
10			10
11	\$ 44,477	BPWP; Page AJ-4; Line 1	11
12			12
13	<u>14.44%</u>	Statement AI; Line 13	13
14			14
15	<u>\$ 1,311</u>	Line 9 x Line 13	15
16			16
17	<u>\$ 6,422</u>	Line 11 x Line 13	17
18			18
19	<u>\$ 54,756</u>	Sum Lines 1; 7; 15; 17	19
20			20
21	<u>\$ -</u>	N/A in TO4-Cycle 1	21
22			22
23	<u>\$ 1,893</u>	BPWP; Page AJ-1; Line 12	23
24			24
25	<u>\$ -</u>	N/A in TO4-Cycle 1	25

¹ Amortization approval per ER03-601-000 issued May 2, 2003 for a 10-year period beginning October 2003 and ending September 2013.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AJ
DEPRECIATION & AMORTIZATION EXPENSE RELATED TO TRANSMISSION
BASE PERIOD - 05/31/2012
(\$1,000)

Line No.	Account No.	Description	FERC Transmission Expense Per Book	Transmission Expense Ratemaking
1	303	Intangibles	\$ -	
2	350	Land and Land Rights	638	
3	352	Structures and Improvements	2,803	
4	353	Station Equipment	16,163	
5	354	Towers and Fixtures	2,365	
6	355	Poles and Fixtures	9,964	
7	356	Overhead Conductors & Devices	8,471	
8	357	Underground Conduit	3,511	
9	358	Underground Conductors & Devices	3,464	
10	359	Roads and Trails	532	
11		Subtotal	47,912 \$	46,762
12		Valley Rainbow Amortization Expense	1,893	1,893
13		Total Transmission Expense	\$ 49,804 \$	48,655

SDG&E STATEMENT AJ
TRANSMISSION EXPENSE AND EXPENSE RELATED TO TRANSMISSION

In Thousands

Depreciation and Amortization Expense as of May 31, 2012

Line No	Account No.	Description	(1) FERC Transmission Expense Per Book Recorded	(2) FERC Transmission Expense Per Book As Filed	(3) = (2) - (1) Variance	(4) Transmission Expense Ratemaking Recorded	(5) Transmission Expense Ratemaking As Filed	(6) = (5) - (4) Variance	Line No
1	303	Intangibles	\$ -	\$ -	(0)				1
2	350	Land and Land Rights	638	638	(0)				2
3	352	Structures and Improvements	2,803	2,803	(0)				3
4	353	Station Equipment	16,163	16,163	(0)				4
5	354	Towers and Fixtures	2,366	2,365	(1)				5
6	355	Poles and Fixtures	10,045	9,964	(81)				6
7	356	Overhead Conductors & Devices	8,511	8,471	(40)				7
8	357	Underground Conduit	3,521	3,511	(10)				8
9	358	Underground Conductors & Devices	3,476	3,464	(12)				9
10	359	Roads and Trails	535	532	(2)				10
11		Subtotal	48,058	47,912	(146)	46,909	46,762	(146)	11
12		Valley Rainbow Amortization Expense	1,893	1,893	-	1,893	1,893	-	12
13		Total Transmission Expense	\$ 49,951	\$ 49,804	\$ (146)	\$ 48,801	\$ 48,655	\$ (146)	13

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to FERC TO3 Cycle 5 Compliance Order issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61,108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AJ
DEPRECIATION AND AMORTIZATION EXPENSE
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

INTANGIBLE PLANT

Line No.	FERC Intangible Plant Expense	Reference From	Line No.
1	\$ 261	AJ8-lwp1	1
	May 31, 2012 Expense		

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AJ
DEPRECIATION AND AMORTIZATION EXPENSE
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)

GENERAL PLANT

Line No.	FERC General Plant Expense	Reference From	Line No.
1	\$ 9,082	Aj1-Gwp1	1
	May 31, 2012 Expense		

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AJ
DEPRECIATION AND AMORTIZATION EXPENSE
BASE PERIOD - 05/31/2012 PER BOOK
(\$1,000)
GENERAL PLANT

Line No.	(1) FERC General Plant Expense Recorded	(2) FERC General Plant Expense As Filed	(3) = (2) - (1) Variance	Line No.
1	\$ 9,091	\$ 9,082	\$ (9)	1
May 31, 2012 Expense				

Column 1 as recorded was reduced by the amounts shown in Column 3 to comply to Order FERC TO3 Cycle 5 Compliance issued on Aug 3, 2012 per ER11-4318-001 (140 FERC 61,108). SDG&E complied with this order in its Oct. 2, 2012 Compliance filing for both TO3 Cycles 5 and 6. The above Column 3 adjustments are shown for clarification that wildfire insurance premiums and damages are not being capitalized.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AJ
DEPRECIATION AND AMORTIZATION EXPENSE
Base Period - 05/31/2012 PER BOOK
(\$1,000)
COMMON PLANT

Line No.	Description	Total Common Expense Per Book	Total Common Expense Per Book Electric	Total Common Expense Per Book Gas	Reference From	Line No.
1	May 31, 2012 Expense	\$ 61,500	\$ 44,477	\$ 17,023	AJ1-Cwp1	1

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT AJ
COMMON DEPRECIATION AND AMORTIZATION EXPENSE
 Base Period - 05/31/2012 PER BOOK
 (\$1,000)

Line No.	Acct. No.	Common Plant	TOTAL COMMON PLANT PER BOOKS	Total Common Plant Electric	Total Common Plant Gas	Line No.
1	303	Misc Intangible Plant	\$ 29,393			1
2	389	Land and Land Rights	-			2
3	390	Structures and Improvements	12,614			3
4	391	Office Furniture and Equipment	12,018			4
5	392	Transportation and Equipment	19			5
6	393	Stores and Equipment	42			6
7	394	Tools, Shop, and Garage Equipment	209			7
8	395	Laboratory Equipment	101			8
9	396	Power Operated Equipment	-			9
10	397	Communication Equipment	6,900			10
11	398	Miscellaneous Equipment	204			11
12		Subtotal May 31, 2012 Per Book	\$ 61,500			12
13		Common Plant Allocation Factors ¹		72.32%	27.68%	13
14		Allocation of Common to Electric / Gas	\$ 61,500	\$ 44,477	\$ 17,023	14

¹ The common plant allocation factor reflects SDG&E's proposed method in TO4 to allocate common plant between electric and gas division using a common plant allocation factor. See workpaper AH6 for the derivation of this factor.

San Diego Gas & Electric Company

Base Period Statement - AK Taxes Other Than Income Taxes Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AK - Workpapers
Taxes Other Than Income Taxes
Base Period - 12 Months Ending May 31, 2012
(\$1,000)

Line No.	Amounts	Reference	Line No.
1 Total Property Taxes	\$ 51,811		1
2			2
3 Less: Other Taxes (Business license taxes) ¹	<u>(17)</u>	See Footnote 1	3
4			4
5 Net Property Taxes	\$ 51,794	Line 1 Minus Lines 3	5
6			6
7 Less: SONGS Property Taxes ²	<u>(4,098)</u>	See Footnote 2	7
8			8
9 Total Property Taxes Expense	\$ 47,696	Line 5 Minus Line 7	9
10			10
11 Transmission Related Property Tax Allocation Factor	<u>23.39%</u>	Cost Statement AK; Pg 8 of 15; Line 25	11
12			12
13 Transmission Related Property Taxes Expense	<u>\$ 11,156</u>	Line 9 x Line 11	13
14			14
15			15
16 Total Payroll Taxes Expense	\$ 14,060		16
17			17
18 Transmission Wages and Salaries Allocation Factor	<u>14.44%</u>	Statement AI; Line 13	18
19			19
20 Transmission Related Payroll Taxes Expense	<u>\$ 2,030</u>	Line 16 x Line 18	20

NOTES:

¹ The amount of property taxes expense for the 12 months ending May 31, 2012 equals \$51.811 million and includes other taxes besides ad valorem taxes of \$17K business license taxes.

² The amount of property tax expense for the SONGS facilities is \$4.098 million.

San Diego Gas & Electric Company

Base Period Statement - AL Working Capital Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AL - Workpapers
Working Capital
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No.	Working Cash	13 Months Average Balance	Reference	Line No.
1		\$ 56,843	BPWP; Page AL-1; Line 17	1
2				2
3		19.84%	Statement AD1; Line 39	3
4				4
5		<u>\$ 11,278</u>	Line 1 x Line 3	5
6				6
7		<u>31,412</u>	BPWP; Page AL-2; Line 17	7
8				8
9		<u>\$ 6,232</u>	Line 3 x Line 7	9
10				10
11	<u>Derivation of Transmission Related Cash Working Capital:</u>			
12	\$ 51,765		Stmnt AH WP; Page AH1; Line 8	12
13	42,175		Stmnt AH WP; Page AH1; Line 57	13
14	-		Stmnt AH WP; Page AH1; Line 9	14
15	<u>\$ 93,940</u>		Sum Lines 12 thru 14	15
16				16
17		<u>12.50%</u>	FERC Method = 1/8 of O&M Expense	17
18				18
19	<u>\$ 11,743</u>		Line 15 x Line 17	19
20				20
21	<u>\$ 11,743</u>		(Line 12 + Line 13) x Line 17	21

^a The balances for Materials & Supplies and Prepayments are derived based on a 13-month weighted average balance. This is the same method used in TO3.

SAN DIEGO GAS AND ELECTRIC COMPANY
STATEMENT AL
WORKING CAPITAL
BASE PERIOD - 05/31/2012 PER BOOKS
(\$1,000)

ACCOUNT 154 PLANT MATERIALS AND OPERATING SUPPLIES
ELECTRIC ALLOWABLE PER FERC FORMULA

Line No.	Month	Total Electric Plant Materials & Supplies	Line No.
1	May-11	\$ 53,434	1
2	June	53,526	2
3	July	54,490	3
4	Aug	55,347	4
5	Sep	55,120	5
6	Oct	63,182	6
7	Nov	63,334	7
8	Dec	56,230	8
9	Jan-12	57,202	9
10	Feb	56,224	10
11	Mar	56,281	11
12	Apr	56,483	12
13	May-12	55,948	13
14	Total 13 Months	736,803	14
15	Less 1/2 First & Last Months	54,691	15
16	Total of 12 Monthly Averages	682,112	16
17	Monthly-Weighted Average	\$ 56,843	17

SAN DIEGO GAS AND ELECTRIC COMPANY
STATEMENT AL
WORKING CAPITAL
BASE PERIOD - 05/31/2012 PER BOOKS
(\$1,000)
ACCOUNT 165 PREPAYMENTS - ELECTRIC

Line No.	Month	Total Electric Plant Prepayments	Line No.
1	May-11	\$ 20,285	1
2	June	16,184	2
3	July	45,439	3
4	Aug	42,296	4
5	Sep	42,067	5
6	Oct	37,304	6
7	Nov	33,931	7
8	Dec	33,945	8
9	Jan-12	28,682	9
10	Feb	23,548	10
11	Mar	22,303	11
12	Apr	29,955	12
13	May-12	22,306	13
14	Total 13 Months	398,245	14
15	Less 1/2 First & Last Months	21,296	15
16	Total of 12 Monthly Averages	376,950	16
17	Monthly-Weighted Average	\$ 31,412	17

San Diego Gas & Electric Company

Base Period Statement - AQ Federal Income Tax Deductions - Other than Interest Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AQ
Federal Income Tax Deductions, Other Than Interest
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

<u>Line No.</u>	<u>Amounts</u>	<u>Reference</u>	<u>Line No.</u>
1 South Georgia Income Tax Adjustment	<u>\$ 2,333</u>		1

San Diego Gas & Electric Company

Base Period Statement - AR Federal Income Tax Adjustments Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AR
Federal Tax Adjustments
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

<u>Line No.</u>		<u>Amounts</u>	<u>Reference</u>	<u>Line No.</u>
1	Transmission Related Amortization of Investment Tax Credits	\$ (265)		1
2				2
3	Transmission Related Amortization of Excess Deferred Tax Liabilities	-		3
4				4
5	Total	<u>\$ (265)</u>	Sum Lines 1; 3	5

San Diego Gas & Electric Company

Base Period Statement - AU Revenue Credits Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AU
Revenue Credits
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No.	Amount	Reference	Line No.
1 (451) Miscellaneous Service Revenues	\$ -		1
2			2
3 (453) Sales of Water and Water Power	-		3
4			4
5 (454) Rent from Electric Property	588	BPWP-AU2; Page 2 of 2; Line 4	5
6			6
7 (455) Interdepartmental Rents	-		7
8			8
9 (456) Other Electric Revenues	<u>2,064</u>	BPWP-AU2; Page 2 of 2; Line 18	9
10			10
11 Transmission Related Revenue Credits	<u>\$ 2,652</u>	Sum Lines 1 thru 9	11
12			12
13 (411.6 & 411.7) Gain or Loss From Sale of Plant Held for Future Use	<u>\$ -</u>	FERC Accounts 411.6 and 411.7	13

San Diego Gas and Electric Company
Revenue Credits
12 Months Ending May 31, 2012

Line No	SAP Account #	FERC Account #	SAP Account Description	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
1	4371049	454	Rents	\$ (33,689)	\$ (30,624)	\$ (30,707)	\$ (125,331)	\$ (31,045)	\$ (27,046)	\$ (30,904)
2	4371050	454	Rent - Electric Property	(6,497)	(9,171)	(8,171)	(8,171)	(8,171)	(8,189)	(8,402)
3										
4			Total Rent from Electric Property	(40,186)	(39,795)	(38,878)	(133,502)	(39,216)	(35,235)	(39,306)
5										
6	4371016	456	Generation Interconnection	-	-	-	(53,935)	-	-	-
7	4371040	456	Revenue Enhancement	(800)	(198)	(93,527)	(214)	-	(30,735)	(29,917)
8	4371055	456	Shared Asset Revenue	(66,400)	(60,880)	(66,446)	(49,539)	(58,002)	(57,358)	(57,142)
9	4371058	456	Elec Trans Joint Pole Activity	-	(174)	88	-	(57)	-	-
10	4371061	456	Excess Microwave Capacity - Elec Trans	(1,439)	(1,438)	(1,439)	(1,439)	(1,438)	(1,439)	(1,439)
11	4371065	456	Trans Revenue Trsfr to Gen	-	-	-	-	-	-	(82,000)
12	4371067	456	Trans Revenue Trsfr to Dist	-	-	-	-	-	-	(489,000)
13	4371070	456	Trans Revenue Trsfr from Dist	-	-	-	-	-	-	67,000
14	4371076	456	Environmental Lab - Elec Tran	(6,633)	(434)	(892)	(123)	(2,779)	(692)	(2,695)
15	4371082	456	Other Elec Rev-SDGE Gen	-	-	-	-	-	-	-
16	4371806	456	Elec-Trans Fees/Rev	-	(10,000)	-	(5,000)	-	-	-
17										
18			Total Other Electric Revenues	(75,272)	(73,124)	(162,216)	(110,250)	(62,276)	(90,224)	(595,193)
19										
0			Total Miscellaneous Revenue	\$ (115,458)	\$ (112,919)	\$ (201,094)	\$ (243,752)	\$ (101,492)	\$ (125,459)	\$ (634,499)

San Diego Gas and Electric Company
Revenue Credits
12 Months Ending May 31, 2012

Line No	SAP Account #	FERC Account #	SAP Account Description	Jan-12	Feb-12	Mar-12	Apr-12	May-12	12 MTD June 2011 to May 2012	Line No
1	4371049	454	Rents	\$ (33,521)	\$ (30,224)	\$ (32,472)	\$ (31,210)	\$ (33,939)	\$ (470,712)	1
2	4371050	454	Rent - Electric Property	(15,674)	(8,469)	(12,096)	(12,096)	(12,096)	(117,203)	2
3										3
4			Total Rent from Electric Property	(49,195)	(38,693)	(44,568)	(43,306)	(46,035)	(587,915)	4
5										5
6	4371016	456	Generation Interconnection	(337,428)	-	-	-	-	(391,363)	6
7	4371040	456	Revenue Enhancement	(3,862)	-	(2,411)	(37,997)	(30,357)	(230,018)	7
8	4371055	456	Shared Asset Revenue	(56,864)	(61,390)	(72,100)	(64,852)	(64,386)	(735,359)	8
9	4371058	456	Elec Trans Joint Pole Activity	-	-	-	(6,797)	(21,639)	(28,579)	9
10	4371061	456	Excess Microwave Capacity - Elec Trans	(1,438)	(1,438)	(1,438)	(1,438)	(1,439)	(17,262)	10
11	4371065	456	Trans Revenue Trsfr to Gen	-	-	-	-	-	(82,000)	11
12	4371067	456	Trans Revenue Trsfr to Dist	-	-	-	-	-	(489,000)	12
13	4371070	456	Trans Revenue Trsfr from Dist	-	-	-	-	-	67,000	13
14	4371076	456	Environmental Lab - Elec Tran	(978)	(690)	(993)	(413)	(1,007)	(18,329)	14
15	4371082	456	Other Elec Rev-SDGE Gen	(116,328)	-	-	-	-	(116,328)	15
16	4371806	456	Elec-Trans Fees/Rev	-	(3,500)	(1,000)	(3,500)	-	(23,000)	16
17										17
18			Total Other Electric Revenues	(516,898)	(67,018)	(77,942)	(114,997)	(118,828)	(2,064,238)	18
19										19
0			Total Miscellaneous Revenue	\$ (566,093)	\$ (105,711)	\$ (122,510)	\$ (158,303)	\$ (164,863)	\$ (2,652,153)	20

San Diego Gas & Electric Company

Base Period Statement - AV Cost of Capital and Fair Rate of Return Workpapers

Docket No. ER13-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AV
Cost of Capital and Fair Rate of Return
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No.	Amounts	Reference	Line No.
1			1
2			2
3			3
4			4
5			5
6			6
7		Line 2 Minus Line 3 Plus Lines 4 & 5 Minus	7
8		Line 6	8
9			9
10			10
11			11
12			12
13			13
14			14
15		Sum Lines 10; 11; 12 Minus Lines 13 & 14	15
16			16
17		Line 15 / Line 7	17
18			18
19			19
20			20
21			21
22			22
23		Line 22 / Line 21	23
24			24
25			25
26			26
27			27
28			28
29			29
30		Line 27 Minus Lines 28 & 29	30
31			31
32			32
33			33
34			34
35			35
36			36
37		Col. C = Line 17 Above	37
38		Col. C = Line 23 Above	38
39		Col. C = Line 32 Above	39
40		Sum Lines 37 thru 39	40
41			41
42			42
43		Sum Lines 38; 39	43
44			44
45		Not Applicable in TO4-Cycle 1	45
46			46
47			47
48			48
49			49
50		Not Applicable in TO4-Cycle 1	50
51		Not Applicable in TO4-Cycle 1	51
52		Not Applicable in TO4-Cycle 1	52
53		Sum Lines 50 thru 52	53
54			54
55			55
56		Sum Lines 51; 52	56

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AV
Cost of Capital and Fair Rate of Return
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No.	Amounts	Reference	Line No.
1			1
2			2
3			3
4			4
5			5
6			6
7			7
8			8
9			9
10			10
11			11
12			12
13			13
14			14
15			15
16			16
17			17
18			18
19			19
20			20
21			21
22			22
23			23
24			24
25			25
26			26
27			27
28			28
29			29
30			30
31			31
32			32
33			33

SAN DIEGO GAS AND ELECTRIC COMPANY
Statement AV
Cost of Capital and Fair Rate of Return
Base Period 12 - Months Ending May 31, 2012
(\$1,000)

Line No.	Amounts	Reference	Line No.
1			1
2			2
3			3
4			4
5			5
6			6
7			7
8			8
9			9
10			10
11			11
12			12
13			13
14			14
15			15
16			16
17			17
18			18
19			19
20			20
21			21
22			22
23			23
24			24
25			25
26			26
27			27
28			28
29			29
30			30
31			31
32			32
33			33

San Diego Gas & Electric Company

Base Period Statement – BB Allocation Demand and Capability Data Workpaper

SDG&E Load Research Data: 2006-2010
Sum of 12 Coincident Peaks By Customer Class

Customer Class	2006	2007	2008	2009	2010	5-Year Average
KW						
Residential	15,466,619	15,053,564	16,484,543	15,850,027	16,014,623	15,773,875
Small Commercial	4,506,744	4,534,122	4,742,243	4,378,609	3,977,373	4,427,818
Med & Large Comm/Ind	18,160,111	18,811,717	19,103,405	18,293,083	17,942,666	18,462,196
Lighting	155,706	163,884	134,715	139,195	163,704	151,441
Total System	38,289,180	38,563,287	40,464,906	38,660,914	38,098,366	38,815,330
% of Total System						
Residential	40.4%	39.0%	40.7%	41.0%	42.0%	40.6%
Small Commercial	11.8%	11.8%	11.7%	11.3%	10.4%	11.4%
Med & Large Comm/Ind	47.4%	48.8%	47.2%	47.3%	47.1%	47.6%
Lighting	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%
Total System	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Medium & Large C/I Breakdown: Service Voltage Level & Standby Demand

Customer Class	5-Year Average
KW	
Med & Large Comm/Ind	13,289,581
Secondary	3,261,126
Primary	1,338,081
Transmission	17,888,789
Subtotal	
Standby	
Secondary	38,360
Primary	325,624
Transmission	209,423
Subtotal	573,407
Total	18,462,196

Data Source Contacts: Josh Mondragon and Downie Beckett / Forecasting & Load Analysis

San Diego Gas & Electric Company

Base Period Statement – BD Allocation Energy and Supporting Data Workpaper

Statement - BD
SAN DIEGO GAS & ELECTRIC COMPANY
Allocation Energy and Supporting Data
September 2013 - August 2014
Sales Forecast

Line No.	Rate Effective Period	(a) Total MWh Sales	(b) Sale for Resale (City of Escondido)	(c) = (a) - (b) Retail Energy Sales @ Meter Level	(d) = (c) x Line 15 Energy Sales @ Transmission Level	Line No.
1	September-13	1,957,227	2	1,957,225	2,036,792	1
2	October-13	1,729,016	2	1,729,014	1,799,303	2
3	November-13	1,694,037	2	1,694,035	1,762,902	3
4	December-13	1,728,242	2	1,728,240	1,798,498	4
5	January-14	1,799,723	2	1,799,721	1,872,885	5
6	February-14	1,674,168	2	1,674,166	1,742,226	6
7	March-14	1,646,213	2	1,646,211	1,713,134	7
8	April-14	1,583,919	2	1,583,917	1,648,308	8
9	May-14	1,586,202	2	1,586,200	1,650,684	9
10	June-14	1,675,711	2	1,675,709	1,743,832	10
11	July-14	1,788,024	2	1,788,022	1,860,710	11
12	August-14	1,813,674	2	1,813,672	1,887,403	12
13		20,676,154	23	20,676,131	21,516,679	13
14	Retail Sales Forecast @ Meter Level			20,676,131	Col. C; Line 13	14
15	Adjustment Factor (See Statement BB)	38,815,330	40,393,292	1.04065	Column B/Column A	15
16	Retail Sales Forecast @ Transmission Level			21,516,679	21,516,679	16

**San Diego Gas & Electric
FERC Forecast Period: September 2013 - August 2014**

SDG&E System Delivery Determinants

Customer Class Deliveries (MWh)

	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total
Residential	759,711	653,236	630,241	705,653	769,750	676,583	637,314	591,652	578,937	603,725	671,273	697,467	7,975,545
Small Commercial	197,755	175,917	169,462	166,370	170,454	164,145	163,647	159,492	159,121	170,439	184,695	184,247	2,065,743
Med. & Large Comm./Ind. (AD + PA-T-1)	30,316	26,776	24,355	20,861	17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	282,848
Med. & Large Comm./Ind. (AY + AL + DGR)	901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	9,529,814
Med. & Large Comm./Ind. (A6)	58,836	58,853	58,870	58,888	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	707,166
Lighting	9,572	9,575	9,578	9,582	9,580	9,582	9,585	9,587	9,590	9,592	9,595	9,597	115,015
Sale for Resale	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	23.18
Total System	1,957,227	1,729,016	1,694,037	1,728,242	1,799,723	1,674,168	1,646,213	1,583,919	1,586,202	1,675,711	1,788,024	1,813,674	20,676,154

**Med. & Large Comm./Ind.
Rate Schedule Billing Determinants**

Schedules AD / PA-T-1:

Total Deliveries (MWh)

Total Deliveries (%)	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%
% @ Secondary Service	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%
% @ Primary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% @ Transmission Service	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Total Deliveries (MWh)

MWh @ Secondary Service	27,260	24,077	21,900	18,758	15,657	15,250	15,989	19,079	20,701	23,649	26,259	25,758	254,337
MWh @ Primary Service	3,056	2,699	2,455	2,103	1,755	1,710	1,792	2,139	2,321	2,651	2,944	2,888	28,511
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	30,316	26,776	24,355	20,861	17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	282,848

Non-Coincident Demand (%)

% @ Secondary Service	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%
% @ Primary Service	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%

Non-Coincident Demand (MW)

MW @ Secondary Service	107,350	94,816	86,241	73,868	61,657	60,054	62,965	75,135	81,519	93,128	103,407	101,437	1,001,577
MW @ Primary Service	15,407	13,609	12,378	10,602	8,849	8,619	9,037	10,784	11,700	13,366	14,842	14,559	143,753
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	122,757	108,424	98,619	84,470	70,507	68,674	72,002	85,918	93,219	106,495	118,249	115,996	1,145,330

<u>Schedules AL-TOU / AY-TOU / DG-R:</u>	<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Total</u>
Total Deliveries (MWh)	901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	9,529,814
Total Deliveries (%)													
% @ Secondary Service	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%
% @ Primary Service	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%
% @ Transmission Service	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%
Total Deliveries (MWh)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MWh @ Secondary Service	717,494	640,748	638,257	610,672	616,034	595,612	604,347	591,660	602,447	642,346	664,312	664,663	7,588,591
MWh @ Primary Service	170,566	152,321	151,729	145,172	146,446	141,592	143,668	140,652	143,216	152,701	157,923	158,007	1,803,994
MWh @ Transmission Service	12,975	11,587	11,542	11,043	11,140	10,771	10,929	10,699	10,894	11,616	12,013	12,020	137,229
901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	834,689	9,529,814
Non-coincident Demand (%)													
% @ Secondary Service	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%
% @ Primary Service	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%
% @ Transmission Service	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%
Non-coincident Demand (MW)													
MW @ Secondary Service	1,994.634	1,781.278	1,774.354	1,697.667	1,712.574	1,655.802	1,680.085	1,644.814	1,674.802	1,785.722	1,846.788	1,847.763	21,096.283
MW @ Primary Service	393.155	351.101	349.736	334.621	337.559	326.369	331.155	324.203	330.114	351.977	364.013	364.205	4,158.206
MW @ Transmission Service	26.858	23.985	23.892	22.859	23.060	22.296	22.623	22.148	22.551	24.045	24.867	24.880	284.065
2,414.647	2,156.364	2,147.982	2,055.147	2,073.193	2,073.193	2,004.466	2,033.863	1,991.165	2,027.467	2,161.743	2,235.668	2,236.849	25,538.554
On-Peak Demand (%)													
% @ Secondary Service	0.2530%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2530%	0.2530%	0.2530%	0.2530%	0.2380%
% @ Primary Service	0.2318%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2318%	0.2318%	0.2318%	0.2318%	0.2185%
% @ Transmission Service	0.3219%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3219%	0.3219%	0.3219%	0.3219%	0.3188%
On-Peak Demand (MW)													
MW @ Secondary Service	1,815.261	1,451.934	1,446.290	1,383.782	1,395.932	1,349.657	1,369.451	1,340.701	1,524.190	1,625.135	1,680.710	1,681.597	18,064.641
MW @ Primary Service	395.372	317.438	316.204	302.538	305.194	295.077	299.404	293.119	331.976	353.962	366.066	366.259	3,942.608
MW @ Transmission Service	41.766	36.673	36.530	34.952	35.259	34.090	34.590	33.863	35.069	37.392	38.670	38.691	437.545
2,252.399	1,806.045	1,799.024	1,721.271	1,736.385	1,736.385	1,678.823	1,703.445	1,667.683	1,891.235	2,016.489	2,085.446	2,086.548	22,444.793

<u>Schedule A6-TOU:</u>		<u>Sep-13</u>	<u>Oct-13</u>	<u>Nov-13</u>	<u>Dec-13</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Total</u>
<u>Total Deliveries (MWh)</u>		58,836	58,853	58,870	58,888	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	707,166
<u>Total Deliveries (%)</u>		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% @ Secondary Service		12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%
% @ Primary Service		87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%
% @ Transmission Service		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
<u>Total Deliveries (MWh)</u>		0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Secondary Service		7,272	7,274	7,276	7,279	7,281	7,283	7,285	7,287	7,289	7,291	7,293	7,295	87,406
MWh @ Primary Service		51,564	51,579	51,594	51,609	51,624	51,639	51,654	51,669	51,684	51,699	51,714	51,730	619,760
MWh @ Transmission Service		58,836	58,853	58,870	58,888	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	707,166
<u>Non-Coincident Demand (%)</u>		0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Secondary Service		0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%
% @ Primary Service		0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%
% @ Transmission Service		0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
<u>Non-Coincident Demand (MW)</u>		14.013	14.018	14.022	14.026	14.030	14.034	14.038	14.042	14.046	14.050	14.054	14.058	168.431
MW @ Secondary Service		98.075	98.103	98.132	98.160	98.189	98.218	98.246	98.275	98.304	98.332	98.361	98.390	1,178.784
MW @ Primary Service		112.088	112.121	112.153	112.186	112.219	112.252	112.284	112.317	112.350	112.382	112.415	112.448	1,347.215
<u>Coincident Peak Demand (%)</u>		0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Secondary Service		0.1604%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1604%	0.1604%	0.1604%	0.1604%	0.1570%
% @ Primary Service		0.1550%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1550%	0.1550%	0.1550%	0.1550%	0.1502%
% @ Transmission Service		0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
<u>Coincident Peak Demand (MW)</u>		11.665	11.246	11.249	11.253	11.256	11.259	11.262	11.266	11.692	11.695	11.699	11.702	137.243
MW @ Secondary Service		79.924	75.718	75.740	75.762	75.784	75.806	75.828	75.850	80.111	80.134	80.157	80.181	930.996
MW @ Primary Service		91.589	86.964	86.989	87.015	87.040	87.065	87.091	87.116	91.802	91.829	91.856	91.883	1,068.239
<u>Schedule S: Standby Determinants:</u>														
<u>Contracted Standby Demand (MW)</u>		11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	133.572
MW @ Secondary Service		94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	1,128.396
MW @ Primary Service		60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	727.992
MW @ Transmission Service		165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	1,989.960

San Diego Gas & Electric Company

Summary of Weighted High Voltage - Low Voltage Transmission Forecast Plant Additions and Transmission Related General and Common Plant Additions

Docket No. ER13-____-____

San Diego Gas & Electric Company
Summary of HV-LV Splits for Forecast Plant Additions
Forecast Period from June 2012 - August 2014
(\$1,000)

Line No.	(a) Gross HV	(b) Gross LV	(c) Unweighted Total	(d) Net Wtd-HV	(e) Net Wtd-LV	(f) Weighted Total	Reference	Line No.
1	\$ 1,890,751	\$ 622,584	\$ 2,513,335	\$ 1,760,714	\$ 352,511	\$ 2,113,225	See Note 1 Below	1
2	16,459	9,007	25,466	14,474	7,920	22,394	See Note 2 Below	2
3	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	3
4	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	4
5	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	5
6	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	6
7	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	7
8	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	8
9	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	9
10	-	-	-	-	-	-	Not Applicable in TO4-Cycle 1	10
11	\$ 1,907,210	\$ 631,591	\$ 2,538,801	\$ 1,775,188	\$ 360,431	\$ 2,135,619	Sum Lines 1 thru 9	11
12				\$ 83.12%	16.88%	100.00%		12
13								13

NOTES:

- 1 See Summary of Weighted Transmission Plant Additions Worksheets; Page 2; Line 29
- 2 See Summary of Weighted Transmission Related General and Common Plant Additions Worksheets; Page 3; Line 29

**San Diego Gas & Electric Company
Derivation of Weighted Plant Additions
Forecast Period June 2012 - August 2014
Summary of Weighted Transmission Plant Additions (\$1,000)**

Line No.	Date	Gross Forecast Plant Additions ¹		Retirements		Net Forecast Plant Additions		Weighting Factor	Weighted Net Forecast Plant Additions		Line No.
		HV	LV	Total	HV	LV	Total		HV	LV	
1	Jun-12	1,605,886	29,196	1,635,082	4,834	88	1,601,052	1.00000	1,601,052	29,108	1
2	Jul-12	(60,209)	838	(59,371)	(181)	3	(60,028)	1.00000	(60,028)	835	2
3	Aug-12	(4,796)	1,484	(3,312)	(14)	4	(4,782)	1.00000	(4,782)	1,480	3
4	Sep-12	14,881	10,569	14,881	13	32	4,299	1.00000	4,299	10,537	4
5	Oct-12	(17,899)	1,494	(16,405)	(54)	4	(17,845)	1.00000	(17,845)	1,490	5
6	Nov-12	2,287	1,661	3,948	7	5	2,280	1.00000	2,280	1,656	6
7	Dec-12	30,202	4,528	34,730	91	14	30,111	1.00000	30,111	4,514	7
8	Jan-13	7,648	24,359	32,007	23	73	7,625	1.00000	7,625	24,286	8
9	Feb-13	2,905	16,468	19,373	9	50	2,896	1.00000	2,896	16,418	9
10	Mar-13	570	2,479	3,049	2	7	568	1.00000	568	2,472	10
11	Apr-13	25,185	24,984	50,169	76	75	25,109	1.00000	25,109	24,909	11
12	May-13	3,265	3,749	3,749	1	10	483	1.00000	483	3,255	12
13	Jun-13	94,800	3,763	98,563	285	11	94,515	1.00000	94,515	3,752	13
14	Jul-13	4,566	43,058	47,624	14	130	4,552	1.00000	4,552	42,928	14
15	Aug-13	596	3,175	3,771	2	10	594	1.00000	594	3,165	15
16	Sep-13	432	2,027	2,459	1	6	431	1.00000	431	2,021	16
17	Oct-13	829	12,034	12,863	2	36	827	0.91667	758	10,998	17
18	Nov-13	422	1,975	2,397	1	6	421	0.83333	351	1,641	18
19	Dec-13	3,056	31,901	34,957	9	96	3,047	0.75000	2,285	23,854	19
20	Jan-14	12,230	35,728	47,958	37	108	12,193	0.66667	8,129	23,747	20
21	Feb-14	439	2,028	2,467	1	6	438	0.58333	256	1,180	21
22	Mar-14	468	3,750	4,218	1	11	467	0.50000	234	1,870	22
23	Apr-14	974	61,458	62,432	3	185	971	0.41667	405	25,530	23
24	May-14	154,881	253,969	408,850	466	764	154,415	0.33333	51,472	84,402	24
25	Jun-14	19,221	2,282	21,503	58	7	19,163	0.25000	4,791	569	25
26	Jul-14	826	26,827	27,653	2	81	824	0.16667	137	4,458	26
27	Aug-14	436	17,284	17,720	1	52	435	0.08333	36	1,436	27
28											28
29	Total	\$ 1,890,751	\$ 622,584	\$ 2,513,335	\$ 5,690	1,874	\$ 1,885,061		\$ 1,760,714	\$ 352,511	\$ 2,113,225
30		75.23%	24.77%	100.00%	75.22%	24.78%	75.23%		83.32%	16.68%	100.00%
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											

Calculated Retirement Rate Check:	0.301%
Retirement Rate (Input):	0.301%

Summary of Transmission Plant Additions:			
Net - Electric Transmission Plant	HV	LV	Unweighted
\$ 1,885,061	\$ 1,885,061	\$ 620,710	\$ 2,505,771
Total	\$ 1,885,061	\$ 620,710	\$ 2,505,771
Total	75.23%	24.77%	100.00%

Summary of Transmission Plant Additions			
Wtd-HV	Wtd-LV	Wtd-Total	
\$ 1,760,714	\$ 352,511	\$ 2,113,225	
\$ 1,760,714	\$ 352,511	\$ 2,113,225	
83.32%	16.68%	100.00%	

¹ The HV-LV Gross Forecast Plant Additions from June 2012 through August 2014 comes from the Forecast Transmission Capital Additions Work Papers.

San Diego Gas & Electric Company
 Derivation of Weighted Plant Additions
 Forecast Period June 2012 - August 2014
 Summary of Weighted Transmission Related General and Common Plant Additions (\$1,000)

Line No.	Date	Gross Forecast Plant Additions ¹			Retirements			Net Forecast Plant Additions			Weighting Factor	Weighted Net Forecast Plant Additions			Line No.
		HV	LV	Total	HV	LV	Total	HV	LV	Total		HV	LV	Total	
1	Jun-12	\$ 1,425	\$ 780	\$ 2,205	\$ -	2	\$ 6	\$ 1,421	\$ 778	\$ 2,199	1.00000	\$ 1,421	\$ 778	\$ 2,199	1
2	Jul-12	4	2	5	-	-	-	4	2	5	1.00000	4	2	5	2
3	Aug-12	192	105	297	1	-	1	191	105	296	1.00000	191	105	296	3
4	Sep-12	355	194	549	1	1	2	354	193	547	1.00000	354	193	547	4
5	Oct-12	136	74	211	-	-	-	136	74	211	1.00000	136	74	210	5
6	Nov-12	249	137	386	1	-	1	248	137	385	1.00000	248	137	385	6
7	Dec-12	1,774	971	2,746	5	3	8	1,769	968	2,737	1.00000	1,769	968	2,737	7
8	Jan-13	334	183	517	1	1	2	333	182	515	1.00000	333	182	515	8
9	Feb-13	448	245	694	1	1	2	447	244	691	1.00000	447	244	691	9
10	Mar-13	1,825	999	2,824	5	3	8	1,820	996	2,816	1.00000	1,820	996	2,816	10
11	Apr-13	1,592	871	2,463	5	3	8	1,587	868	2,455	1.00000	1,587	868	2,455	11
12	May-13	88	48	135	-	-	-	88	48	135	1.00000	88	48	136	12
13	Jun-13	2,500	1,368	3,868	8	4	12	2,492	1,364	3,856	1.00000	2,492	1,364	3,856	13
14	Jul-13	561	307	868	2	1	3	559	306	865	1.00000	559	306	865	14
15	Aug-13	91	50	141	-	-	-	91	50	141	1.00000	91	50	141	15
16	Sep-13	263	144	407	1	-	1	262	144	406	1.00000	262	144	406	16
17	Oct-13	122	67	189	-	-	-	122	67	189	0.91667	112	61	173	17
18	Nov-13	92	50	142	-	-	-	92	50	142	0.83333	76	42	118	18
19	Dec-13	1,622	888	2,510	5	3	8	1,617	885	2,502	0.75000	1,213	663	1,876	19
20	Jan-14	1,082	592	1,674	3	2	5	1,079	590	1,669	0.66667	719	393	1,112	20
21	Feb-14	67	37	103	-	-	-	67	37	103	0.58333	39	21	60	21
22	Mar-14	94	51	145	-	-	-	94	51	145	0.50000	47	26	73	22
23	Apr-14	75	41	116	-	-	-	75	41	116	0.41667	31	17	48	23
24	May-14	1,165	637	1,802	4	2	6	1,161	635	1,796	0.33333	387	212	599	24
25	Jun-14	97	53	149	-	-	-	97	53	149	0.25000	24	13	37	25
26	Jul-14	77	42	119	-	-	-	77	42	119	0.16667	13	7	20	26
27	Aug-14	129	71	200	-	-	-	129	71	200	0.08333	11	6	17	27
28															28
29	Total	\$ 16,459	\$ 9,007	\$ 25,466	\$ 47	\$ 26	\$ 73	\$ 16,412	\$ 8,981	\$ 25,393		\$ 14,474	\$ 7,920	\$ 22,394	29
30		64.63%	35.37%	100.00%	64.38%	35.62%	100.00%	64.63%	35.37%	100.00%		64.63%	35.37%	100.00%	30
31															31
32															32
33															33
34															34
35															35
36															36
37															37
38															38
39															39
40															40
41															41
42															42
43															43
44															44
45															45

Calculated Retirement Rate Check: 0.287%

Retirement Rate: 0.301%
0.301%

Summary of Transmission Related General & Common Plant Additions:

	HV	LV	Unweighted
Total	\$ 16,412	\$ 8,981	\$ 25,393
Total	\$ 14,474	\$ 7,920	\$ 22,394
Total	\$ 14,474	\$ 7,920	\$ 22,394
Total	64.63%	35.37%	100.00%

¹ The HV-LV Gross Forecast Plant Additions information from June 2012 through August 2014 come from the Summary of Monthly General, Common, and IT Transmission Plant Additions Work Papers, Pages 1 of 5 through Pages 5 of 5, lines 58 and 59.

San Diego Gas & Electric Company

Forecast Transmission Capital Additions Workpapers

Docket No. ER13-____-____

**SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS- T04 CYCLE 1**

Line No.	Project Name	Voltage	Budget Code	In-Service Dates	2012 Plant Additions												Line No.
					Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12						
1	BLANKET BUDGET PROJECTS													1			
2	Electric Transmission Line Reliability Projects		100	9-mo. Avg. W/O Life	3,723	1,390	1,219	1,358	1,001	1,001	1,001	1,001	1,001	1,001	1,001		
3	Transmission Substation Reliability		103	12-mo. Avg. W/O Life					317	293				270			
4	Renewal of Transmission Line Easements		104	Various				20									
5	Transmission Infrastructure Improvements		1145	18-mo. Avg. W/O Life	15	547	32	(14)									
6	Electric Transmission System Automation		3171	12-mo. Avg. W/O Life					201	189				177			
7	Fiber Optic for Relay Protection & Telecommunication		7144	Various													
8	Substation Security		8162	18-mo. Avg. W/O Life					471	465				459			
9	Condition Based Maintenance		9144	Aug-13, Apr-14													
10	Synchronized Phasor Measurement		10138	Various													
11	Dynamic Line Ratings		11147	Various													
12	Automated Fault Location		12129	Dec-13													
13	Composite Core Conductor		12130	Various													
14	ARC Detection		12131	Various													
15	SCADA Expansion		12132	Various													
16	Transmission Ceramic Insulator Replacement		99128	Dec-13													
17																	
18	TRANSMISSION LINE PROJECTS													18			
19	13835 Tap at Talega	138KV	8158	Jun-Aug 12	1,068	1	(12)										
20	Transmission ROW Palos Verdes - North Gila	500KV	12133	Jun-12	2,961												
21	TL6927 EastGate-Rose Canyon	69KV	9151	Aug-12			551										
22	On Ramp Aerial Lighting	230KV	11144	Aug-12, Jan-13, Mar-13			234										
23	TL626 Reconductor	69KV	11148	Sep-12, Dec12				4,918						298			
24	TL629C- Reconductor	69KV	12135	Sep-12, Dec-12				3,341						500			
25	Ramona Transmission Reliability	69KV	10140	Apr-13													
26	Laguna Niguel- TL 13835 & TL 13837 Underground Conversion	138KV	11142	Apr-13													
27	New Escondido - Ash#2	69KV	9160	Jul-13													
28	Replace TL617 Direct Buried Cable	69KV	11143	Jul-13													
29	TL6913 Poway - Pomerado	69KV	9138	Jul-13, Jan-14													
30	TL13821- Fanita Junction	138KV	9166	Apr-14													
31	Reconductor TL631 El Cajon - Los Coches	69KV	12154	Jul-14													
32	TL613 (Old Town-PB) Cable Replacement	69KV	12126	Jul-14													
33																	
34	SUBSTATION PROJECTS													34			
35	Miguel Bank 60	138KV	6133	Jul-12, Dec-12		(62)							1,464				
36	69KV Capacitor Additions	69KV	9168	Various			428										
37	Sweetwater Substation Rebuild	69KV	10125	Dec-12										562			
38	69 /138KV Breaker Upgrades	69 / 138KV	9170	Jan-13, Jan-14													
39	Emergency Equipment	69 /138 KV	6254	Various													
40	Ocean Ranch (E1) Land Purchase	69 KV	5253	Jan-13													
41	Telegraph Canyon- add 4th Bank	138KV	7245	Jan-13										41			
42	Penasquitos add 230KV Capacitor Bank	230KV	12134	Jul-13										42			
43	PICO Loop-In	138KV	12127	Jul-13										43			
44	Sycamore Add 69kv Reactors	69KV	12157	Oct-13										44			
45	Basilone Substation	69KV	11257	Jan-14										45			
46	Los Coches Bank 50 / 51	69 / 138KV	10135	Apr-14										46			
47														47			

**SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS- TO4 CYCLE 1**

Line No.	Project Name	Budget Code	2013 Plant Additions												Line No.		
			Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13			
BLANKET BUDGET PROJECTS														1			
1	Electric Transmission Line Reliability Projects	100	1,200	1,201	1,200	1,201	1,200	1,201	1,200	1,201	1,000	1,000	1,000	1,000	1,000	1,000	2
3	Transmission Substation Reliability	103	254	238	228	219	211	203	195	183	177	172	159	159	159	159	3
4	Renewal of Transmission Line Easements	104	50	50	50	50	50	50	50	50	50	50	50	50	50	50	4
5	Transmission Infrastructure Improvements	3171	7,001	643	617	593	580	568	568	568	568	568	551	530	530	530	5
6	Electric Transmission System Automation	3171	172	167	162	158	154	151	148	142	139	133	127	127	127	127	6
7	Fiber Optic for Relay Protection & Telecommunication	7144	149	149	149	149	149	149	149	149	149	149	149	149	149	149	7
8	Substation Security	8162	447	436	426	416	407	398	384	376	357	345	332	332	332	332	8
9	Condition Based Maintenance	9144															9
10	Synchronized Phasor Measurement	10138	405	405	405	405	405	405	405	405	405	405	405	405	405	405	10
11	Dynamic Line Ratings	11147	246	246	246	246	246	246	246	246	246	246	246	246	246	246	11
12	Automated Fault Location	12129															12
13	Composite Core Conductor	12130	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	13
14	ARC Detection	12131	74	74	74	74	74	74	74	74	74	74	74	74	74	74	14
15	SCADA Expansion	12132	197	197	197	197	197	197	197	197	197	197	197	197	197	197	15
16	Transmission Ceramic Insulator Replacement	99128															16
17																	17
TRANSMISSION LINE PROJECTS														18			
18	13835 Tap at Talega	8158															18
19	Transmission ROW Palos Verdes - North Gila	12133															19
20	TL6927 EastGate-Rose Canyon	9151															20
21	On Ramp Aerial Lighting	11144	939		69												21
22	TL626 Reconductor	11148															22
23	TL629C- Reconductor	12135															23
24	Ramona Transmission Reliability	10140				6,784											24
25	Laguna Niguel- TL 13835 & TL 13837 Underground Conversion	11142				12,402											25
26	New Escondido - Ash#2	9160															26
27	Replace TL617 Direct Buried Cable	11143									18,427						27
28	TL6913 Poway - Pomerado	9138									10,995						28
29	TL13821- Fanita Junction	9166									3,244						29
30	Reconductor TL631 El Cajon - Los Coches	12154															30
31	TL613 (Old Town-PB) Cable Replacement	12126															31
32																	32
33																	33
SUBSTATION PROJECTS														34			
34	Miguel Bank 60	6133															34
35	69kV Capacitor Additions	9168	1,501														35
36	Sweetwater Substation Rebuild	10125									2,500						36
37	69/138kV Breaker Upgrades	9170	3,051														37
38	Emergency Equipment	6254															38
39	Ocean Ranch (ET) Land Purchase	5253	2,500														39
40	Telegraph Canyon- add 4th Bank	7245	661														40
41	Penasquitos add 230kV Capacitor Bank	12134															41
42	PICO Loop-in	12127															42
43	Sycamore Add 69kv Reactors	12157															43
44	Basilone Substation	11257															44
45	Los Coches Bank 50 / 51	10135															45
46																	46
47																	47

**SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS - T04 CYCLE 1**

Line No.	Project Name	Budget Code	2014 Plant Additions												Total Plant Additions	High Voltage	Low Voltage	Line No.
			Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14								
1	BLANKET BUDGET PROJECTS																	1
2	Electric Transmission Line Reliability Projects	100	1,200	1,201	1,200	1,201	1,201	1,200	1,201	1,201	1,200	1,200	1,201	\$ 33,496	20%	80%	2	
3	Transmission Substation Reliability	103	151	144	141	138	136	136	134	132	132	130	\$ 4,414	9%	91%	3		
4	Renewal of Transmission Line Easements	104	100			100				100			\$ 520	0%	100%	4		
5	Transmission Infrastructure Improvements	1145	510	490	472	454	437		421	406			\$ 17,519	27%	73%	5		
6	Electric Transmission System Automation	3171	125	124	123	122	121		120	119			\$ 3,334	23%	77%	6		
7	Fiber Optic for Relay Protection & Telecommunication	7144			1,784								\$ 6,617	2%	98%	7		
8	Substation Security	8162	322	311	302	292	284		275	267			\$ 8,401	8%	92%	8		
9	Condition Based Maintenance	9144				898							\$ 1,748	18%	82%	9		
10	Synchronized Phasor Measurement	10138	405			405				405			\$ 2,835	80%	20%	10		
11	Dynamic Line Ratings	11147	246			246				246			\$ 1,722	25%	75%	11		
12	Automated Fault Location	12129											\$ 438	0%	100%	12		
13	Composite Core Conductor	12130	1,048							1,048			\$ 4,192	0%	100%	13		
14	ARC Detection	12131	74			74				74			\$ 518	0%	100%	14		
15	SCADA Expansion	12132	197	197	197	197			197	197			\$ 3,940	0%	100%	15		
16	Transmission Ceramic Insulator Replacement	99128											\$ 2,595	100%	0%	16		
17													\$ 92,289	SUBTOTAL			17	
18	TRANSMISSION LINE PROJECTS																18	
19	13835-Tap at Talega	8158											\$ 1,057	0%	100%	19		
20	Transmission ROW Palos Verdes - North Gila	12133											\$ 2,961	100%	0%	20		
21	TL6927 EastGate-Rose Canyon	9151											\$ 551	0%	100%	21		
22	On Ramp Aerial Lighting	11144				11144							\$ 1,241	100%	0%	22		
23	TL626 Reconductor	11148				11148							\$ 5,216	0%	100%	23		
24	TL629C- Reconductor	12135											\$ 3,841	0%	100%	24		
25	Ramona Transmission Reliability	10140											\$ 6,784	0%	100%	25		
26	Laguna Niguel- TL 13835 & TL 13837 Underground Conversion	11142											\$ 12,402	0%	100%	26		
27	New Escondido - Ash#2	9160											\$ 18,427	0%	100%	27		
28	Replace TL617 Direct Buried Cable	11143											\$ 10,995	0%	100%	28		
29	TL6913 Poway - Pomerado	9138	610										\$ 3,854	0%	100%	29		
30	TL13821 - Fanita Junction	9166							29,917				\$ 29,917	0%	100%	30		
31	Reconductor TL631 El Cajon - Los Coches	12154								12,477			\$ 12,477	0%	100%	31		
32	TL613 (Old Town-PB) Cable Replacement	12126								10,903			\$ 10,903	0%	100%	32		
33													\$ 120,626	SUBTOTAL			33	
34	SUBSTATION PROJECTS																34	
35	Miguel Bank 60	6133											\$ 1,402	0%	100%	35		
36	69kV Capacitor Additions	9168											\$ 6,929	0%	100%	36		
37	Sweetwater Substation Rebuild	10125											\$ 562	0%	100%	37		
38	69/138kV Breaker Upgrades	9170	3,998										\$ 7,049	0%	100%	38		
39	Emergency Equipment	6254	2,900						300				\$ 7,200	0%	100%	39		
40	Ocean Ranch (ET) Land Purchase	5253											\$ 2,500	0%	100%	40		
41	Telegraph Canyon- add 4th Bank	7245											\$ 661	0%	100%	41		
42	Penasquitos add 230kV Capacitor Bank	12134											\$ 3,745	100%	0%	42		
43	PICO Loop-in	12127											\$ 2,107	0%	100%	43		
44	Sycamore Add 69kv Reactors	12157											\$ 3,438	0%	100%	44		
45	Basilone Substation	11257	925										\$ 925	0%	100%	45		
46	Los Coches Bank 50 / 51	10135							7,115				\$ 7,115	0%	100%	46		
47													\$ 43,633	SUBTOTAL			47	

**SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS- TO4 CYCLE 1**

Line No.	Project Name	Voltage	Budget Code	In-Service Dates	2012 Plant Additions						Line No.	
					Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12		Dec-12
48	WOOD TO STEEL PROJECTS											
49	TL616 Wood to Steel Pole Replacement	69KV	9135	Jun-12 ,Sep-12	8,955			745				
50	TL13804 Wood to Steel Pole Replacement	138KV	11138	Feb-13								
51	TL 13812 (DOD- Camp Pendleton) Wood to Steel	138KV	10150	Jul-13								
52	TL 690C (DOD- Camp Pendleton) Wood to Steel	69KV	8257	Oct-13								
53	TL6914 Wood to Steel Pole Replacement	69KV	9136	Dec-13								
54	TL 6912 (DOD- Camp Pendleton) Wood to Steel Pole	69KV	10149	Jan-14								
55	Miguel Getaways- TL 628 & TL643 Wood to Steel	69KV	12147	Jan-14								
56	TL 6910 Wood to Steel Pole Replacement	69KV	9134	Jan-14								
57	TL649 Wood to Steel Pole Replacement	69KV	9137	Apr-14								
58	TL 13825 Wood to Steel Pole Replacement	138KV	11156	Apr-14								
59	TL 664 Wood to Steel Pole Replacement	69KV	11133	Apr-14								
60	TL 6926 Wood to Steel Pole Replacement	69KV	9132	Aug-14								
61												
62	NETWORK UPGRADES TO ACCOMMODATE GENERATOR INTERCONNECTIONS											
63	Q493- Ocotillo Express	500KV	11146	Dec-12, Feb-13, Jun-13								20,000
64	Q337- Borrego Solar	69KV	10134	Jan-13								
65	I.V. Bank 82	230 / 500KV	8163	Apr-13								
66	Desert Star Transmission	230KV	10032	Jun-13								
67	Q590- Campo Verde	230KV	12142	Jan-14								
			8163									
68	Q124-IV Solar-AES, Q510- I.V South, Q442-Centinela	230KV	11149	Jan-14								
69	ECO- East County Substation	138/230/500	11150									
70	Q468-Agua Caliente	KV	7139	May-14								
71		500KV	10142	Jun-14								
72	SUNRISE POWERLINK PROJECT:											
73	Sunrise Actuals	69/ 138/ 230 / 500 KV	4138	Jun-12 - Sep-12	1,618,360	(61,247)	(5,336)	4,085				
74	Sunrise Forecast	69/ 138/ 230 / 500 KV	4138	Oct 12 - Jun 13					(18,395)	2,000		10,000
75												
76				Grand Total:	\$1,635,082	(\$59,371)	(\$3,312)	\$14,881	(\$16,405)	\$3,948		\$34,730
77				High Voltage:	1,605,886	(60,209)	(4,796)	4,312	(17,899)	2,287		30,202
78				Low Voltage:	29,196	838	1,484	10,569	1,494	1,661		4,528
79				Total:	\$ 1,635,082	\$ (59,371)	\$ (3,312)	\$ 14,881	\$ (16,405)	\$ 3,948		\$ 34,730
80				<i>Weighted</i>								
81				<i>High Voltage</i>	\$ 1,605,886	\$ (60,209)	\$ (4,796)	\$ 4,312	\$ (17,899)	\$ 2,287		\$ 30,202
82				<i>Low Voltage</i>	\$ 29,196	\$ 838	\$ 1,484	\$ 10,569	\$ 1,494	\$ 1,661		\$ 4,528
83				<i>Total</i>	\$ 1,635,082	\$ (59,371)	\$ (3,312)	\$ 14,881	\$ (16,405)	\$ 3,948		\$ 34,730

**SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS- TO4 CYCLE 1**

Line No.	Project Name	Budget Code	2014 Plant Additions												Total Plant Additions	High Voltage	Low Voltage	Line No.
			Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14								
48	WOOD TO STEEL PROJECTS																	
49	TL616 Wood to Steel Pole Replacement	9135													\$ 9,700	0%	100%	48
50	TL13804 Wood to Steel Pole Replacement	11138													\$ 14,091	0%	100%	49
51	TL 13812 (DOD- Camp Pendleton) Wood to Steel	10150													\$ 2,291	0%	100%	50
52	TL 690C (DOD- Camp Pendleton) Wood to Steel	8257													\$ 3,043	0%	100%	51
53	TL6914 Wood to Steel Pole Replacement	9136													\$ 27,200	0%	100%	52
54	TL 6912 (DOD- Camp Pendleton) Wood to Steel Pole	10149	12,237												\$ 12,237	0%	100%	53
55	Miguel Getaways- TL 628 & TL643 Wood to Steel	12147	1,800												\$ 1,800	0%	100%	54
56	TL 6910 Wood to Steel Pole Replacement	9134	9,712												\$ 9,712	0%	100%	55
57	TL649 Wood to Steel Pole Replacement	9137				11,341									\$ 11,341	0%	100%	56
58	TL 13825 Wood to Steel Pole Replacement	11156				8,432									\$ 8,432	0%	100%	57
59	TL 664 Wood to Steel Pole Replacement	11133				1,500									\$ 1,500	0%	100%	58
60	TL 6926 Wood to Steel Pole Replacement	9132								15,345					\$ 15,345	0%	100%	59
61															\$ 116,692	SUBTOTAL		60
62	NETWORK UPGRADES TO ACCOMMODATE GENERATOR INTERCONNECTIONS																	61
63	O493- Ocotillo Express	11146													\$ 40,000	100%	0%	62
64	O337- Borrego Solar	10134													\$ 7,979	0%	100%	63
65	I.V. Bank 82	8163													\$ 13,074	100%	0%	64
66	Desert Star Transmission	10032													\$ 26,528	100%	0%	65
67	O590- Campo Verde	12142	2,374												\$ 2,374	100%	0%	66
		8163																67
68	Q124-IV Solar-AES, Q510- I.V South, Q442-Centinela	11149	9,025												\$ 9,025	100%	0%	68
69	ECO- East County Substation	7139								406,475					\$ 406,475	38%	62%	69
70	Q468-Agua Caliente	10142								18,776					\$ 18,776	100%	0%	70
71															\$ 524,468	SUBTOTAL		71
72	SUNRISE POWERLINK PROJECT:																	72
73	Sunrise Actuals	4138													\$ 1,555,862	99%	1%	73
74	Sunrise Forecast	4138													\$ 59,765	99%	1%	74
75															\$ 1,615,627	SUBTOTAL		75
76	Grand Total:		\$47,958	\$2,467	\$4,218	\$62,432	\$408,850	\$21,503	\$27,653	\$17,721					\$ 2,513,335	Gross	76	
77	High Voltage:		12,230	439	468	974	154,881	19,221	826	436					\$ 1,890,751	HV	77	
78	Low Voltage:		35,728	2,028	3,750	61,458	253,969	2,282	26,827	17,285					\$ 622,584	LV	78	
79	Total:		\$ 47,958	\$ 2,467	\$ 4,218	\$ 62,432	\$ 408,850	\$ 21,503	\$ 27,653	\$ 17,721					\$ 2,513,335	Total	79	
80	Weighted																80	
81	High Voltage		\$ 8,154	\$ 256	\$ 234	\$ 406	\$ 51,626	\$ 4,805	\$ 138	\$ 36					\$ 1,766,028	HV	81	
82	Low Voltage		\$ 23,818	\$ 1,183	\$ 1,875	\$ 25,608	\$ 84,655	\$ 571	\$ 4,471	\$ 1,441					\$ 353,572	LV	82	
83	Total		\$ 31,972	\$ 1,439	\$ 2,109	\$ 26,014	\$ 136,281	\$ 5,376	\$ 4,609	\$ 1,477					\$ 2,119,600	Total	83	

SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS - TO4 CYCLE 1

Line No.	Project Name	Voltage	Budget Code	ISO Approval Status	5	Line No.
1	BLANKET BUDGET PROJECTS:					1
2	Electric Transmission Line Reliability Projects		100	N/A		2
3	Transmission Substation Reliability		103	N/A		3
4	Renewal of Transmission Line Easements		104	N/A		4
5	Transmission Infrastructure Improvements		1145	N/A		5
6	Electric Transmission System Automation		3171	N/A		6
7	Fiber Optic for Relay Protection & Telecommunication		7144	N/A		7
8	Substation Security		8162	N/A		8
9	Condition Based Maintenance		9144	N/A		9
10	Synchronized Phasor Measurement		10138	N/A		10
11	Dynamic Line Ratings		11147	N/A		11
12	Automated Fault Location		12129	N/A		12
13	Composite Core Conductor		12130	N/A		13
14	ARC Detection		12131	N/A		14
15	SCADA Expansion		12132	N/A		15
16	Transmission Ceramic Insulator Replacement		99128	N/A		16
17	TRANSMISSION LINE PROJECTS:					17
18	13835 Tap at Talega	138kV	8158	Yes	2011 - 2012 Transmission Plan - Pg 424, No. 117, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	18
19	Transmission ROW Palos Verde- North Gila	500kV	12133	N/A	N/A	19
20	TL6927 EastGate-Rose Canyon	69kV	9151	Yes	2011 - 2012 Transmission Plan - Pg 424, No. 125, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	20
21	On Ramp Aerial Lighting	230kV	11144	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by FAA Compliance)	21
22	TL626 Reconductor	69kV	11148	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by SDG&E Reliability Criteria)	22
23	TL629C- Reconductor	69kV	12135	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by SDG&E Reliability Criteria)	23
24	Ramona Transmission Reliability	69kV	10140	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by SDG&E Reliability Criteria)	24
25	Laguna Niguel- TL 13835 & TL 13837 Underground Conversion	138kV	11142	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by SDG&E Reliability Criteria)	25
26	New Escondido - Ash #2	69kV	9160	Yes	2011 - 2012 Transmission Plan - Pg 423, No. 107, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	26
27	Replace TL617 Direct Buried Cable	69kV	11143	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by Aging Infrastructure)	27
28	TL6913 Poway - Pomerado	69kV	9138	Yes	2011 - 2012 Transmission Plan - Pg 423, No. 105, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	28
29	TL13821- Fanita Junction	138kV	9166	Yes	2011 - 2012 Transmission Plan - Pg 424, No. 114, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	29
30	Reconductor TL631 El Cajon - Los Coches	69kV	12154	Yes	2011 - 2012 Transmission Plan - Pg 428, No. 117, Table 7.2-1 New reliability projects found to be needed	30
31	TL613 (Old Town - PB) Cable Replacement	69kV	12126	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by Aging Infrastructure)	31
32	SUBSTATION PROJECTS:					32
33	Miguel Bank 60	138kV	6133	Yes	2011 - 2012 Transmission Plan - Pg 423, No. 105, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	33
34	69kV Capacitor Additions	69kV	9168	Yes	2011 - 2012 Transmission Plan - Pg 423, No. 106, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	34
35	Sweetwater Substation Rebuild	69kV	10125	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by Aging Infrastructure / Reliability)	35
36	69 /138kV Breaker Upgrades	69 / 138kV	9170	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by SDG&E Reliability Criteria)	36
37	Emergency Equipment	69 / 138kV	6254	N/A	No ISO Transmission Reliability Upgrades Needed (Mobile Equipment to assist with repair of facilities)	37
38	Ocean Ranch (ET) Land Purchase	69 kV	5253	N/A	No ISO Transmission Reliability Upgrades Needed (Distribution Substation Land Purchase only)	38
39	Telegraph Canyon- add 4th Bank	138kV	7245	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by Distribution Expansion)	39
40	Penasquitos add 230kV Capacitor Bank	230 kV	12134	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by SDG&E Reliability Criteria)	40
41	PICO Loop-in	138kV	12127	Yes	Submitted to the CAISO as an "Information Only" project not requiring CAISO approval.	41
42	Sycamore Add 69kV Reactors	69kV	12157	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by SDG&E Reliability Criteria)	42
43	Basilone Substation	69kV	11257	N/A	No ISO Transmission Reliability Upgrades Needed (Driven by Distribution Expansion)	43
44	Los Coches Bank 50 / 51	69 / 138kV	10135	Yes	2011 - 2012 Transmission Plan - Pg 424, No. 120 & 121, Table 7.1-1 Status of Previously Approved projects costing less than \$50M	44

SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS - T04 CYCLE 1

Line No.	1 Project Name	2 Voltage	3 Budget Code	4 ISO Approval Status	5 Unless otherwise noted, page reference pertains to the 2011 - 2012 CA ISO Transmission Plan	Line No.
45	WOOD TO STEEL PROJECTS					45
46	TL616 Wood to Steel Pole Replacement	69KV	9135	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	46
47	TL13804 Wood to Steel Pole Replacement	138KV	11138	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	47
48	TL 13812 (DOD- Camp Pendleton) Wood to Steel	138KV	10150	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	48
49	TL 690C (DOD- Camp Pendleton) Wood to Steel	69KV	8257	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	49
50	TL6914 Wood to Steel Pole Replacement	69KV	9136	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	50
51	TL 6912 (DOD- Camp Pendleton) Wood to Steel Pole	69KV	10149	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	51
52	Miguel Getaways- TL 628 & TL643 Wood to Steel	69KV	12147	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	52
53	TL 6910 Wood to Steel Pole Replacement	69KV	9134	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	53
54	TL649 Wood to Steel Pole Replacement	69KV	9137	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	54
55	TL 13825 Wood to Steel Pole Replacement	138KV	11156	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	55
56	TL 664 Wood to Steel Pole Replacement	69KV	11133	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	56
57	TL 6926 Wood to Steel Pole Replacement	69KV	9132	N/A	Wood to Steel Pole Replacement - to enhance reliability and reduce wildfire risks in fire and wind prone areas	57
58	NETWORK UPGRADES TO ACCOMMODATE GENERATOR INTERCONNECTIONS					58
59	Q493- Ocotillo Express	500KV	11146	Yes	Approved through ISO LGIA process.	59
60	Q337- Borrego Solar	69KV	7143	Yes	Approved through ISO LGIA process.	60
61	I.V. Bank 82	230 / 500KV	8163	Yes	Approved through ISO LGIA process.	61
62	Desert Star Transmission	230KV	10032	Yes	Approved through ISO LGIA process.	62
63	Q590- Campo Verde	230KV	12142	Yes	Approved through ISO LGIA process.	63
64	Q124-IV Solar AES, Q510-IV South, Q442-Centihela	230KV	8163, 11149, 11150	Yes	Approved through ISO LGIA process.	64
65	ECO- East County Substation	138/ 230 / 500KV	7139	Yes	Approved through ISO LGIA process.	65
66	Q468-Agua Caliente	500 KV	10142	Yes	Approved through ISO LGIA process.	66
67	SUNRISE POWERLINK PROJECT					67
68	Sunrise Powerlink Project	69/ 138/ 230 / 500 KV	4138	Yes	2011 - 2012 Transmission Plan - Pg. 425, Table 7.1-2, No.9 Status of previously approved projects costing \$50M or more.	68

SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS - T04, CYCLE 1

Line No.	Project Name	2	3	4	5	6
		Voltage	Budget Code	CPUC Authorization CPCN, PTC, Exempt or N/A See Note (1)	Filing Status See Note (2)	Comments
1	BLANKET BUDGET PROJECTS					
2	Electric Transmission Line Reliability Projects		100	N/A	N/A	Assessed on specific project basis
3	Transmission Substation Reliability		103	N/A	N/A	Assessed on specific project basis
4	Renewal of Transmission Line Easements		104	N/A	N/A	Assessed on specific project basis
5	Transmission Infrastructure Improvements		1145	N/A	N/A	Assessed on specific project basis
6	Electric Transmission System Automation		3171	N/A	N/A	Assessed on specific project basis
7	Fiber Optic for Relay Protection & Telecommunication		7144	N/A	N/A	Assessed on specific project basis
8	Substation Security		8162	N/A	N/A	Assessed on specific project basis
9	Condition Based Maintenance		9144	N/A	N/A	Assessed on specific project basis
10	Synchronized Phasor Measurement		10138	N/A	N/A	Assessed on specific project basis
11	Dynamic Line Ratings		11147	N/A	N/A	Assessed on specific project basis
12	Automated Fault Location		12129	N/A	N/A	Assessed on specific project basis
13	Composite Core Conductor		12130	N/A	N/A	Assessed on specific project basis
14	ARC Detection		12131	N/A	N/A	Assessed on specific project basis
15	SCADA Expansion		12132	N/A	N/A	Assessed on specific project basis
16	Transmission Ceramic Insulator Replacement		99128	N/A	N/A	Assessed on specific project basis
17	TRANSMISSION LINE PROJECTS					
18	13835 Tap at Talega	138KV	8158	Exempt	Effective	
19	Transmission ROW Palos Verde- North Gila	500KV	12133	N/A	N/A	
20	TL6927 EastGate-Rose Canyon	69KV	9151	Exempt	Effective	
21	On Ramp Aerial Lighting	230KV	11144	Exempt	Effective	
22	TL626 Reconductor	69KV	11148	Exempt	Effective	
23	TL629C- Reconductor	69KV	12135	Exempt	Effective	
24	Ramona Transmission Reliability	69KV	10140	Exempt	Effective	Advice Letter 2355-E
25	Laguna Niguel- TL 13835 & TL 13837 Underground Conversion	138KV	11142	Exempt	Effective	Advice Letter 2326-E
26	New Escondido - Ash#2	69KV	9160	Exempt	Effective	Advice Letter 2338-E
27	Replace TL617 Direct Buried Cable	69KV	11143	Exempt	Effective	
28	TL6913 Poway - Pomerado	69KV	9138	Exempt	Effective	Advice Letter 2395-E
29	TL13821- Fanita Junction	138KV	9166	Exempt	Pending	Advice Letter 2433-E. Suspended.
30	Reconductor TL631 El Cajon - Los Cochies	69KV	12154	Exempt	Forecast	
31	TL613 (Old Town - PB) Cable Replacement	69KV	12126	Exempt	Forecast	
32	SUBSTATION PROJECTS					
33	Miguel Bank 60	138KV	6133	Exempt	Effective	Advice Letter 2261-E
34	69KV Capacitor Additions	69KV	9168	Exempt	Effective	
35	Sweetwater Substation Rebuild	69KV	10125	Exempt	Effective	
36	69 / 138KV Breaker Upgrades	69 / 138KV	9170	Exempt	Forecast	
37	Emergency Equipment	69 / 138KV	6254	N/A	N/A	
38	Ocean Ranch (EIT) Land Purchase	69 KV	5253	N/A	N/A	
39	Telegraph Canyon- add 4th Bank	138KV	7245	Exempt	Effective	
40	Penasquitos add 230KV Capacitor Bank	230 KV	12134	Exempt	Effective	
41	PICO Loop-in	138KV	12127	Exempt	Forecast	
42	Sycamore Add 69KV Reactors	69KV	12157	Exempt	Effective	
43	Basillone Substation	69KV	11257	Exempt	Effective	Advice Letter 2364-E
44	Los Cochies Bank 50 / 51	69 / 138KV	10135	Exempt	Effective	

**SAN DIEGO GAS & ELECTRIC COMPANY
FORECAST OF TRANSMISSION CAPITAL ADDITIONS - TO4, CYCLE 1**

Line No.	Project Name	Voltage	Budget Code	4	5	Comments	Line No.
45	WOOD TO STEEL PROJECTS						
46	TL616 Wood to Steel Pole Replacement	69kV	9135	Exempt	Effective	Advice Letter 2246-E	45
47	TL13804 Wood to Steel Pole Replacement	138kV	11138	Exempt	Effective	Advice Letter 2379-E	46
48	TL 13872 (DOD- Camp Pendleton) Wood to Steel	138kV	10150	Exempt	Effective		47
49	TL 690C (DOD- Camp Pendleton) Wood to Steel	69kV	8257	Exempt	Effective		48
50	TL6914 Wood to Steel Pole Replacement	69kV	9136	Exempt	Pending	Advice Letter 2432-E. Suspended	49
51	TL 6912 (DOD- Camp Pendleton) Wood to Steel Pole Replacement	69kV	10149	Exempt	Forecast		50
52	Miguel Getaways- TL 628 & TL643 Wood to Steel	69kV	12147	Exempt	Forecast		51
53	TL 6910 Wood to Steel Pole Replacement	69kV	9134	Exempt	Pending	Advice Letter 2334-E. Suspended	52
54	TL649 Wood to Steel Pole Replacement	69kV	9137	Exempt	Forecast		53
55	TL 13825 Wood to Steel Pole Replacement	138kV	11156	Exempt	Forecast		54
56	TL 664 Wood to Steel Pole Replacement	69kV	11133	Exempt	Forecast		55
57	TL 6926 Wood to Steel Pole Replacement	69kV	9132	Exempt	Forecast		56
58	NETWORK UPGRADES TO ACCOMMODATE GENERATOR INTERCONNECTIONS						57
59	Q493- Ocotillo Express	500kV	11146	Exempt	Effective	Advice Letter 2350-E	58
60	Q337- Borrego Solar	69kV	7143	Exempt	Effective		59
61	I.V. Bank 82	230 / 500kV	8163	Exempt	Effective		60
62	Desert Star Transmission	230kV	10032	N/A	N/A		61
63	Q590- Campo Verde	230kV	12142	Exempt	Effective		62
64	Q124- IV Solar AES, Q510- I.V South, Q442-Centinel	230kV	8163, 11149, 11150	Exempt	Effective		63
65	ECO- East County Substation	138 / 230 / 500 kV	7139	PTC	Effective	PTC Approved- June 21, 2012 (A.09-08-003)	64
66	Q468- Agua Caliente	500 kV	10142	N/A	N/A		65
67	SUNRISE PROJECT						66
68	Sunrise Powerlink Project	69/ 138/ 230 / 500 kV	4138	CPCN	Effective		67

Notes

- (1) The term "Exempt" means the project is exempt from a Permit to Construct (PTC) or CPCN
- (2) CPUC Approval Status is categorized as Effective, Pending or Forecast. Each category is defined as follows:
 Effective - GO 131-D Approval Obtained or projects which are Categorically or Statutorily Exempt
 Pending - under CPUC Review
 Forecast - subject to Final Internal Determination
 N/A - Not Applicable

San Diego Gas & Electric Company

**Large Transmission
Plant Additions
Workpapers**

Docket No. ER13-____-____

**SDG&E's TO4 Cycle 1 Transmission Plant Additions
For 27-Month Forecast Period: June 2012 through August 2014
Reflects Costs and Benefits Related with Large Transmission Plant Additions**

A. Summary

The following is a list of large transmission plant additions (in excess of \$5 million) that will be placed into service during SDG&E's TO4 Cycle 1 Forecast Period (June 2012 through August 2014). Shown for each project are the in-service month, approval status, total cost, cost weighted for the number of months the project will be in service during the TO4 Cycle 1 rate-effective period (September 2013 through August 2014), and an explanation of the benefits of the project for SDG&E's retail and ISO wholesale customers.

Cost Totals (\$000s): Project Costs Weighted Costs
\$2,381,193 \$2,009,388

B. Projects
(\$000s)

Transmission Line Projects

1. Reconductor TL626

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
11148	\$ 5,216	\$5,216	Sep 2012 Dec 2012	N/A	Exempt (Effective)	Emergency replacement of aging conductor in a high fire risk area after a conductor failure indicated the advance level of aging. Benefits are to improve reliability and lower the risk of fire.

2. Ramona Transmission Reliability

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
10140	\$ 6,784	\$ 6,784	Apr 2013	N/A	Advice Letter 2355-E (Effective)	This project will improve reliability of the Creelman Substation and the community of Ramona by separating joined infrastructure (two lines on common structures feeding the same substation), mitigating for heavy mechanical loading on the existing poles and fire hardening facilities on both TL635 and TL6917 to the Creelman Substation.

Transmission Line Projects- Continued

3. Laguna Niguel- TL13835 & TL13837

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
11142	\$ 12,402	\$12,402	Apr 2013	N/A	Advice Letter 2326-E (Effective)	This project will improve reliability for the Laguna Niguel Substation and the communities of southern Orange County by removing the overhead transmission lines that traverse a canyon that is susceptible to landslides and erosion.

4. New Escondido – Ash #2

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09160	\$ 18,427	\$18,427	Jul 2013	Yes	Advice Letter 2338-E (Effective)	This project will improve reliability in the Escondido area consistent with NERC Reliability Standards.

5. Replace TL617 Direct Buried Cable

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
11143	\$ 10,995	\$10,995	Jul 2013	N/A	Exempt (Effective)	This project will improve the reliability of the transmission system in La Jolla by replacing aging infrastructure.

Transmission Line Projects- Continued

6. Reconfigure TL 13821 – Fanita Junction

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09166	\$ 29,917	\$12,465	Apr 2014	Yes	Advice Letter 2433-E (Pending-Suspended)	This project will improve the reliability of the San Diego transmission system by mitigating Category B contingencies by the following: converting a three-terminal line into two, two terminal lines (SX-Carton Hills and SX-Santee), converting the Sycamore Canyon 138 kV bus from a ring bus to a breaker-and-a-half configuration, and increasing the outlet capability at Sycamore Canyon substation. TL13821 is currently configured as a three-terminal line, and is projected to experience thermal overloads following various Category B contingencies.

7. Reconnector TL631- El Cajon – Los Coches

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
12154	\$12,477	\$2,080	Jul 2014	Yes	Exempt (Forecast)	This project will increase the continuous rating of TL631 consistent with NERC Reliability Standards.

8. TL613 Cable Replacement

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
12126	\$10,903	\$1,817	Jul 2014	N/A	Exempt (Forecast)	This project will improve the reliability of the transmission system in Point Loma by replacing aging infrastructure.

Substation Projects

9. 69kV Capacitor Additions

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09168	\$ 6,929	\$ 6,721	Sep 2012 Jan 2013 Jul 2013 Oct 2013	N/A	Exempt (Effective)	These 69kV capacitors will improve the transmission voltage in the back country thereby improving the overall reliability to customers.

10. 69 / 138kV Breaker Upgrades

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09170	\$ 7,049	\$ 5,716	Jan 2013 Jan 2014	N/A	Exempt (Forecast)	Circuit breakers at these substations were identified using SDG&E standard replacement criteria during the annual short circuit study process. Replacing these breakers increases transmission system reliability by reducing risk of a failure of these breakers.

11. Emergency Equipment

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
06254	\$ 7,200	\$ 6,008	Apr 2013 May 2013 Jan 2014 Jun 2014	N/A	N/A	Having spare equipment for specific identified long lead items will enable SDG&E to respond to equipment failures in a timely fashion. Having equipment on hand with the asbuilt manufacturer drawings also helps enable accurate designs.

Substation Projects Continued

12. Los Coches Bank 50 / 51

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
10135	\$ 7,115	\$ 2,965	Apr 2014	Yes	Exempt (Effective)	The project will replace aging transformers with larger, standard size transformers. This will increase reliability, consistent with NERC reliability standards, and guard against overload occurrences.

Wood to Steel Projects

13. Wood to Steel Pole Replacement TL616

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09135	\$9,700	\$9,700	Jun 2012 Sep 2012	N/A	Advice Letter 2246-E (Effective)	This project will improve the reliability of this transmission line in fire and wind-prone areas and enhance reliability during fires. The project will rebuild approximately 4 miles of TL616 between Rancho Santa Fe, Lake Hodges and Bernardo substations. The project will replace approximately 58 wood poles with equivalent steel poles. The existing transmission conductor will be transferred to the new steel structures or replaced where necessary and will also result in increased vertical and horizontal spacing. New insulators, hardware and other equipment will be installed during the project. Benefits from these changes include less insulator contamination, less maintenance, a longer equipment life span, improved avian protection and increased reliability in high winds.

Wood to Steel Projects Continued

14. Wood to Steel Pole Replacement TL13804

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
11138	\$ 14,091	\$14,091	Feb 2013	N/A	Advice Letter 2379-E (Effective)	The purpose of this project is to improve the reliability of the TL 13804 138kV Transmission Line by replacing approximately 55 wood H-frames (110 poles) with galvanized steel poles for a distance of roughly four miles. Portions of this TL will be omitted from the project scope for pole replacement due to it not being included in the Fire Threat Zone. The majority of TL 13804 traverses fire prone terrain and is located in an area with potential for high winds. The new structures will be designed for extreme wind loading, and will be fabricated using fire resistance materials. The immediate and long-term benefits from these pole replacements include improved electric reliability of the above mentioned infrastructure, as well as increased safety.

15. Wood to Steel Pole Replacement TL6914

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09136	\$ 27,200	\$20,400	Dec 2013	N/A	Advice Letter 2432-E (Pending-Suspended)	This project improves the reliability of the transmission line in fire and wind-prone areas. The project replaces approximately 141 wood poles with equivalent steel poles between the Los Coches and Loveland substations for a distance of approximately 11.6 miles. The transmission conductor will be replaced where necessary. Phase spacing will be increased resulting in increased vertical and horizontal spacing. Benefits from these changes include less insulator contamination, less maintenance, a longer equipment life span, improved avian protection and increased reliability in high winds. This project improves the reliability of the transmission line in fire and wind-prone areas.

Wood to Steel Projects Continued

16. Wood to Steel Pole Replacement TL6912

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
10149	\$ 12,237	\$ 8,158	Jan 2014	N/A	Exempt (Forecast)	This project improves the reliability of the transmission line in fire and wind-prone areas. The project replaces approximately 80 wood poles with equivalent steel poles between the San Luis Rey and Pendleton substations for a distance of approximately 5.3 miles, replaced the transmission conductor where necessary and also results in increased vertical and horizontal spacing. Benefits from these changes include less insulator contamination, less maintenance, a longer equipment life span, improved avian protection and increased reliability in high winds.

17. Wood to Steel Pole Replacement TL6910

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09134	\$9,712	\$ 6,475	Jan 2014	N/A	Advice Letter 2334-E (Pending-Suspended)	This project will improve the reliability of this transmission line in fire and wind-prone areas and enhance reliability during fires. The project will rebuild approximately 4.5 miles of TL6910 between the Miguel and Border substations. The project will replace approximately 63 wood poles with equivalent steel poles. The existing transmission conductor will be transferred to the new steel structures, or replaced where necessary and will also result in increased vertical and horizontal spacing. New insulators, hardware and other equipment will be installed. Benefits from these changes include less insulator contamination, less maintenance, a longer equipment life span, improved avian protection and increased reliability in high winds.

Wood to Steel Projects Continued

18. Wood to Steel Pole Replacement TL649

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09137	\$ 11,341	\$ 4,725	Apr 2014	N/A	Exempt (Forecast)	This project improves the reliability of the transmission line in fire and wind-prone areas. The project replaces 135 wood poles with equivalent steel poles between the Otay, San Ysidro and Border substations for a distance of approximately 9 miles. The transmission conductor will be replaced, where necessary. Also, the project will result in increased vertical and horizontal conductor spacing. Benefits from these changes include less insulator contamination, less maintenance, a longer equipment life span, improved avian protection and increased reliability in high winds.

19. Wood to Steel Pole Replacement TL13825

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
11156	\$ 8,432	\$ 3,513	Apr 2014	N/A	Exempt (Forecast)	This project improves the reliability of the transmission line in fire and wind-prone areas. The project replaces approximately 50 wood poles with equivalent steel poles between the Chicarita and Batiqitos substations for a distance of approximately 10 miles, replaces the transmission conductor where necessary and also results in increased vertical and horizontal spacing. Benefits from these changes include less insulator contamination, less maintenance, a longer equipment life span, improved avian protection and increased reliability in high winds.

Wood to Steel Projects Continued

20. Wood to Steel Pole Replacement TL6926

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
09132	\$15,345	\$ 1,279	Aug 2014	N/A	Exempt (Forecast)	This project will improve the reliability of this transmission line in fire and wind-prone areas and enhance reliability during fires. The project will rebuild approximately 4 miles of TL6926 between the Rincon and Valley Center substations. This project will replace approximately 45 wood poles with equivalent steel poles, replace the transmission conductor where necessary and will also result in increased vertical and horizontal spacing. It will also convert an existing 2 mile overhead span to underground. Less insulator contamination, less maintenance, a longer equipment life span, Benefits from these changes include less insulator contamination, less maintenance, a longer equipment life span, improved avian protection and increased reliability in high winds.

Network Upgrades to Accommodate Generator Interconnections

21. Q493-Ocotillo Express

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
11146	\$40,000	\$40,000	Dec 2012 Feb 2013 Jun 2013	Yes, via the LGIA Process	Advice Letter 2350-E (Effective)	This project interconnects renewable energy resources to the grid and helps SDG&E meet its obligation under the CA state RPS goal. The Interconnection will connect a 299 MW wind renewable generation project to the Sunrise Powerlink. The Network facilities to be constructed include a 500 kV switchyard to accommodate the TL50003 (Sunrise Powerlink) loop-in.

Network Upgrades to Accommodate Generator Interconnections Continued

22. Q337-Borrogo Solar

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
07143	\$7,979	\$7,979	Jan 2013	Yes, via the LGIA process	Exempt (Effective)	The project provides greater reliability to the Borrogo community, while also contributing to the State mandated renewable energy targets. The Borrogo substation property will be modified to accommodate the interconnection of the 26 MW NRG Borrogo Solar 1 Project. The expansion at this substation is expected to be about 1.4 acre in size and would be located on the south side of the existing substation. Equipment that will be added includes a cable pole where 69 kV TL687 would enter, conductor and insulators, a new 69 kV busbar, breakers, disconnect switches, and control equipment. The expanded area will be fenced with security fencing similar to that currently at the existing substation.

23. I.V. Bank 82

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
08163	\$13,074	\$13,074	Apr 2013	Yes, via the LGIA process	Exempt (Effective)	The IV Bank 82 project will support interconnection and full deliverability of renewable generation at the IV Substation. Additionally, adding IV Bank 82 reduces the risk of losing generation capacity on the 500 kV transmission lines which may result in load curtailment. The combined capacity of the existing 500/230 kV transformer banks at IV substation is currently not sufficient to provide full deliverability for the new renewable generation projects connecting to IV substation in addition to the existing generators connected to IV substation. Loss of either of the existing transformer banks (80 or 81) at IV Substation will limit the energy transfer from the 230 kV to 500 kV system and will thus limit energy and capacity available to the 500 kV transmission system and SDG&E customers. This energy availability has become more critical with unavailability of SONGS generators as all import energy into San Diego must be transported by the 500 kV transmission lines from the Imperial Valley or the 230 kV transmission lines from Orange County (excluding the limited capacity available from CFE through Path 45).

Network Upgrades to Accommodate Generator Interconnections Continued

24. Desert Star Transmission

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
10032	\$ 26,528	\$26,528	Jun 2013	Yes, via the LGIA process	N/A	The project will enable the 480 MW Desert Star Combined Cycle plant to be fully dispatched into the California ISO territory. It also allows for 419.25 MW to be counted towards the Resource Adequacy (RA) capacity requirement for SDG&E to meet its obligation.

25. Q124- AES Solar, Q510- I.V. South, Q442- Centinela

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
8163 11149 11150	\$9,025	\$6,017	Jan 2014	Yes, via the LGIA process	Exempt (Effective)	This Network Upgrade enables the interconnection of renewable projects to the CAISO controlled grid. The photovoltaic projects help SDG&E meet its obligation under the CA state RPS goal.

26. ECO- East County Substation

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
07139	\$406,712	\$135,532	May 2014 Through Aug 2014	Yes, via the LGIA Process	PTC approved Jun 2012	The proposed ECO Substation Project will provide an interconnection hub for renewable generation along SDG&E's existing Southwest Powerlink (SWPL) 500-kilovolt (kV) transmission line. In addition to accommodating the region's planned renewable generation, the project will also provide a second source for the southeastern 69 kV transmission system that avoids the vulnerability of common structure outages, which would increase the reliability of electrical service for Boulevard, Jacumba, and surrounding communities. The second source provided by the ECO project will allow for faster restoration during forced outages, and will greatly reduce the impacts of scheduled maintenance outages. The proposed project will provide interconnection capability at three voltage levels (500, 230, and 138 kV), which will provide renewable generators the option to connect at a voltage level that is appropriately sized for their project. Without the flexibility for interconnection that the ECO project provides, integrating renewable generation projects would be much more costly for SDG&E ratepayers.

Network Upgrades to Accommodate Generator Interconnections Continued

27. Q468-Agua Caliente

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
10142	\$18,776	\$4,694	Jun 2014	Yes, via the LGIA process	N/A	The new Hoodoo Wash switchyard was constructed to facilitate the interconnection of the Agua Caliente photovoltaic project. The Agua Caliente project utilizes a renewable resource and will help meet the California state RPS goal.

Sunrise Project

28. Sunrise Powerlink

Budget Code	Cost of Project	Weighted Cost	In Service Date	ISO Approved	CPUC Approved	How Project Benefits Customers
04138	\$1,615,627	\$1,615,627	Jun 2012 through Jun 2013	Yes	CPCN (Effective)	The Sunrise Project was approved by the California Public Utilities Commission ("CPUC") in "Decision Granting a Certificate of Public Convenience and Necessity for the Sunrise Powerlink Transmission Project," issued December 18, 2008 ("Decision" or "CPCN"). ¹ The Decision found that Sunrise would: (1) enhance regional reliability ² and mitigate congestion within the National Interest Electric Transmission Corridor, ³ (2) advance the State's renewable goals of reducing greenhouse gas emissions through renewable generation procurement at a 33% Renewable Portfolio Standards by 2020 by facilitating the development of renewable generation in the Imperial Valley area ⁴ and (3) provide economic benefits to customers utilizing the transmission grid operated by the California Independent System Operator.

¹ Decision ("D.") 08-12-058, 2008, Cal. PUC LEXIS 534. http://docs.cpuc.ca.gov/WORD_PDF/FINAL_DECISION/95750.PDF.

The CPUC's website contains all of the procedural filings, including SDG&E's application at the following link:
<http://docs.cpuc.ca.gov/published/proceedings/A0608010.htm>.

In addition, all of the environmental documents are located on the CPUC's website at the following link:
<http://www.cpuc.ca.gov/Environment/info/aspen/sunrise/sunrise.htm>.

² D.08-12-058 found that there exists a "reliability need" for SDG&E's service area by 2014 and perhaps sooner, given the many uncertainties in the modeling assumptions adopted in the decision. Finding of Fact 7, *mimeo* at 283.

³ 72 Fed. Reg. 56992 (October 5, 2007). The DOE designated two National Interest Electric Transmission Corridors pursuant to section 204 of the Federal Power Act, 16 USC §824o, one of which encompasses San Diego County. *Id.* at 57025.

⁴ *Id.*, Findings of Fact 15 and 19.

San Diego Gas & Electric Company

Summary of Monthly General, Common, and Transmission Intangible Forecast Plant Additions Workpapers

Docket No. ER13-____-____

San Diego Gas and Electric Company
Summary of General, Common and Transmission Intangible Forecast Plant Additions
TO4 - Cycle 1

Line No.	Ref. No.	Description	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12
1		SECTION 1:						
2		Summary of General, Common and IT Plant Forecast:						
3	A	Common Plant Additions - (Facilities)	\$ 42,061	\$ 685	\$ 37,708	\$ 1,926,983	\$ 413,967	\$ 2,377,711
4	A	Common Plant Additions - (Smart Meters)	810,682	29,868	80,240	3,302,173	773,185	784,805
5	A	Common Plant Additions - (Smart Grid)	21,441	21,441	21,442	29,442	28,392	94,442
6	A	Common Plant Additions - (IT)	-	-	2,701,848	-	100,730	39,730
7	B	General Plant Additions (Sunrise - Communication Eqpt)	14,637,692	-	-	-	-	-
8	B	General Plant Additions (ECO - Communication Eqpt)	-	-	-	-	-	-
9	B	General Plant Additions - (Smart Pricing Program - IT Hardware)	-	-	-	-	-	-
10	E	Direct Charge Transmission Electric Intangible Plant Additions (IT Software)	-	-	-	-	73,149	41,650
11								
12		Total	\$ 15,511,876	\$ 51,994	\$ 2,841,238	\$ 5,258,598	\$ 1,389,423	\$ 3,338,338
13								
14		SECTION 2:						
15	A	Total Common Plant Forecast (Lines 3 to 6)	\$ 874,184	\$ 51,994	\$ 2,841,238	\$ 5,258,598	\$ 1,316,274	\$ 3,296,688
16								
17		Common Plant Allocation Factor (Direct Labor Method)	72.32%	72.32%	72.32%	72.32%	72.32%	72.32%
18								
19		Common Plant (Facilities, Smart Meter, Smart Grid & IT) - Electric Only	\$ 632,210	\$ 37,602	\$ 2,054,783	\$ 3,803,018	\$ 951,929	\$ 2,384,165
20								
21								
22	B	Total Electric General Plant Forecast (Lines 7 to 9)	\$ 14,637,692	\$ -	\$ -	\$ -	\$ -	\$ -
23								
24								
25	C	Total - Common & Electric General Plant Forecast (Sections A & B)	\$ 15,269,902	\$ 37,602	\$ 2,054,783	\$ 3,803,018	\$ 951,929	\$ 2,384,165
26								
27		Transmission Salaries & Wages Ratio (Statement AI)	14.44%	14.44%	14.44%	14.44%	14.44%	14.44%
28								
29	D	Total Transmission Related - Common & General Plant Forecast	\$ 2,204,974	\$ 5,430	\$ 296,711	\$ 549,156	\$ 137,459	\$ 344,273
30								
31								
32	E	Total Direct Charge Transm. Elec. Intangible Plant Forecast (Line 10)	\$ -	\$ -	\$ -	\$ -	\$ 73,149	\$ 41,650
33								
34								
35	F	TOTAL (Line 29 + Line 32)	\$ 2,204,974	\$ 5,430	\$ 296,711	\$ 549,156	\$ 210,608	\$ 385,923
36								
37	G	SECTION 3:						
38		HV/LV Transmission Plant Balance @ May 31, 2012						
39		HV (\$1,000)	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012
40		LV (\$1,000)	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034
41		Total	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046
42								
43		HV/LV Transmission Weighted Forecast Plant Additions						
44		HV (\$1,000)	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714
45		LV (\$1,000)	352,511	352,511	352,511	352,511	352,511	352,511
46		Total	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225
47								
48		Total HV/LV @ May 31, 2012 Balance + Weighted Forecast Plant Additions						
49		HV (\$1,000)	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726
50		LV (\$1,000)	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545
51		Total	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271
52								
53		HV/LV Allocation % = May 31, 2012 Balance + Forecast Plant Additions						
54		HV %	64.63%	64.63%	64.63%	64.63%	64.63%	64.63%
55		LV %	35.37%	35.37%	35.37%	35.37%	35.37%	35.37%
56		Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
57	H	Allocated Common, General & Intangible Plant Forecast (Unweighted)						
58		High Voltage \$	\$ 1,425,075	\$ 3,509	\$ 191,764	\$ 354,920	\$ 136,116	\$ 249,422
59		Low Voltage \$	779,899	1,921	104,947	194,236	74,492	136,501
60		Total	\$ 2,204,974	\$ 5,430	\$ 296,711	\$ 549,156	\$ 210,608	\$ 385,923
61								

San Diego Gas and Electric Company
Summary of General, Common and Transmission Intangible Forecast Plant Additions
TO4 - Cycle 1

Line No.	Ref. No.	Description	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13
1		SECTION 1:						
2		Summary of General, Common and IT Plant Forecast:						
3	A	Common Plant Additions - (Facilities)	\$ 4,000,882	\$ 2,223,720	\$ 1,473,549	\$ 7,773,002	\$ 9,571,415	\$ 31,437
4	A	Common Plant Additions - (Smart Meters)	6,853,750	333,333	333,333	333,334	333,333	333,333
5	A	Common Plant Additions - (Smart Grid)	7,441,528	1,591,183	127,483	371,645	281,121	127,483
6	A	Common Plant Additions - (IT)	5,473,073	-	3,905,016	17,756,840	12,597,383	-
7	B	General Plant Additions (Sunrise - Communication Eqpt)	-	-	-	-	-	-
8	B	General Plant Additions (ECO - Communication Eqpt)	-	-	-	-	-	-
9	B	General Plant Additions - (Smart Pricing Program - IT Hardware)	-	-	-	-	-	-
10	E	Direct Charge Transmission Electric Intangible Plant Additions (IT Software)	263,308	84,000	84,000	84,000	84,000	84,000
11								
12		Total	\$ 24,032,541	\$ 4,232,236	\$ 5,923,381	\$26,318,821	\$ 22,867,252	\$ 576,253
13								
14		SECTION 2:						
15	A	Total Common Plant Forecast (Lines 3 to 6)	\$ 23,769,233	\$ 4,148,236	\$ 5,839,381	\$26,234,821	\$ 22,783,252	\$ 492,253
16								
17		Common Plant Allocation Factor (Direct Labor Method)	72.32%	72.32%	72.32%	72.32%	72.32%	72.32%
18								
19		Common Plant (Facilities, Smart Meter, Smart Grid & IT) - Electric Only	\$ 17,189,909	\$ 3,000,004	\$ 4,223,040	\$18,973,023	\$ 16,476,848	\$ 355,997
20								
21								
22	B	Total Electric General Plant Forecast (Lines 7 to 9)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23								
24								
25	C	Total - Common & Electric General Plant Forecast (Sections A & B)	\$ 17,189,909	\$ 3,000,004	\$ 4,223,040	\$18,973,023	\$ 16,476,848	\$ 355,997
26								
27		Transmission Salaries & Wages Ratio (Statement AI)	14.44%	14.44%	14.44%	14.44%	14.44%	14.44%
28								
29	D	Total Transmission Related - Common & General Plant Forecast	\$ 2,482,223	\$ 433,201	\$ 609,807	\$ 2,739,705	\$ 2,379,257	\$ 51,406
30								
31								
32	E	Total Direct Charge Transm. Elec. Intangible Plant Forecast (Line 10)	\$ 263,308	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
33								
34								
35	F	TOTAL (Line 29 + Line 32)	\$ 2,745,531	\$ 517,201	\$ 693,807	\$ 2,823,705	\$ 2,463,257	\$ 135,406
36								
37	G	SECTION 3:						
38		HV/LV Transmission Plant Balance @ May 31, 2012						
39		HV (\$1,000)	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012
40		LV (\$1,000)	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034
41		Total	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046
42								
43		HV/LV Transmission Weighted Forecast Plant Additions						
44		HV (\$1,000)	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714
45		LV (\$1,000)	352,511	352,511	352,511	352,511	352,511	352,511
46		Total	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225
47								
48		Total HV/LV @ May 31, 2012 Balance + Weighted Forecast Plant Additions						
49		HV (\$1,000)	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726
50		LV (\$1,000)	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545
51		Total	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271
52								
53		HV/LV Allocation % = May 31, 2012 Balance + Forecast Plant Additions						
54		HV %	64.63%	64.63%	64.63%	64.63%	64.63%	64.63%
55		LV %	35.37%	35.37%	35.37%	35.37%	35.37%	35.37%
56		Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
57	H	Allocated Common, General & Intangible Plant Forecast (Unweighted)						
58		High Voltage \$	\$ 1,774,437	\$ 334,267	\$ 448,407	\$ 1,824,961	\$ 1,592,003	\$ 87,513
59		Low Voltage \$	971,094	182,934	245,400	998,744	871,254	47,893
60		Total	\$ 2,745,531	\$ 517,201	\$ 693,807	\$ 2,823,705	\$ 2,463,257	\$ 135,406
61								

San Diego Gas and Electric Company
Summary of General, Common and Transmission Intangible Forecast Plant Additions
TO4 - Cycle 1

Line No.	Ref. No.	Description	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
1		SECTION 1:							
2		Summary of General, Common and IT Plant Forecast:							
3	A	Common Plant Additions - (Facilities)	\$ 16,180,559	\$ 7,026,794	\$ 41,858	\$ 2,385,269	\$ 58,107	\$ 94,078	\$ 8,903,047
4	A	Common Plant Additions - (Smart Meters)	15,533,334	333,333	333,333	333,334	333,333	333,333	333,334
5	A	Common Plant Additions - (Smart Grid)	371,645	150,847	173,983	371,645	597,635	127,483	1,942,646
6	A	Common Plant Additions - (IT)	4,153,000	-	-	-	-	-	12,048,118
7	B	General Plant Additions (Sunrise - Communication Eqpt)	-	-	-	-	-	-	-
8	B	General Plant Additions (ECO - Communication Eqpt)	-	-	-	-	-	-	-
9	B	General Plant Additions - (Smart Pricing Program - IT Hardware)	-	-	-	-	14,770	-	-
10	E	Direct Charge Transmission Electric Intangible Plant Additions (IT Software)	84,000	84,000	84,000	84,000	84,000	84,000	84,000
11									
12		Total	\$ 36,322,538	\$ 7,594,974	\$ 633,174	\$ 3,174,248	\$ 1,087,845	\$ 638,894	\$ 23,311,145
13									
14		SECTION 2:							
15	A	Total Common Plant Forecast (Lines 3 to 6)	\$ 36,238,538	\$ 7,510,974	\$ 549,174	\$ 3,090,248	\$ 989,075	\$ 554,894	\$ 23,227,145
16									
17		Common Plant Allocation Factor (Direct Labor Method)	72.32%	72.32%	72.32%	72.32%	72.32%	72.32%	72.32%
18									
19		Common Plant (Facilities, Smart Meter, Smart Grid & IT) - Electric Only	\$ 26,207,711	\$ 5,431,936	\$ 397,163	\$ 2,234,867	\$ 715,299	\$ 401,299	\$ 16,797,871
20									
21									
22	B	Total Electric General Plant Forecast (Lines 7 to 9)	\$ -	\$ -	\$ -	\$ -	\$ 14,770	\$ -	\$ -
23									
24									
25	C	Total - Common & Electric General Plant Forecast (Sections A & B)	\$ 26,207,711	\$ 5,431,936	\$ 397,163	\$ 2,234,867	\$ 730,069	\$ 401,299	\$ 16,797,871
26									
27		Transmission Salaries & Wages Ratio (Statement AI)	14.44%	14.44%	14.44%	14.44%	14.44%	14.44%	14.44%
28									
29	D	Total Transmission Related - Common & General Plant Forecast	\$ 3,784,393	\$ 784,372	\$ 57,350	\$ 322,715	\$ 105,422	\$ 57,948	\$ 2,425,613
30									
31									
32	E	Total Direct Charge Transm. Elec. Intangible Plant Forecast (Line 10)	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
33									
34									
35	F	TOTAL (Line 29 + Line 32)	\$ 3,868,393	\$ 868,372	\$ 141,350	\$ 406,715	\$ 189,422	\$ 141,948	\$ 2,509,613
36									
37	G	SECTION 3:							
38		HV/LV Transmission Plant Balance @ May 31, 2012							
39		HV (\$1,000)	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012
40		LV (\$1,000)	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034
41		Total	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046
42									
43		HV/LV Transmission Weighted Forecast Plant Additions							
44		HV (\$1,000)	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714
45		LV (\$1,000)	352,511	352,511	352,511	352,511	352,511	352,511	352,511
46		Total	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225
47									
48		Total HV/LV @ May 31, 2012 Balance + Weighted Forecast Plant Additions							
49		HV (\$1,000)	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726
50		LV (\$1,000)	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545
51		Total	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271
52									
53		HV/LV Allocation % = May 31, 2012 Balance + Forecast Plant Additions							
54		HV %	64.63%	64.63%	64.63%	64.63%	64.63%	64.63%	64.63%
55		LV %	35.37%	35.37%	35.37%	35.37%	35.37%	35.37%	35.37%
56		Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
57	H	Allocated Common, General & Intangible Plant Forecast (Unweighted)							
58		High Voltage \$	\$ 2,500,142	\$ 561,229	\$ 91,355	\$ 262,860	\$ 122,423	\$ 91,741	\$ 1,621,963
59		Low Voltage \$	1,368,251	307,143	49,995	143,855	66,999	50,207	887,650
60		Total	\$ 3,868,393	\$ 868,372	\$ 141,350	\$ 406,715	\$ 189,422	\$ 141,948	\$ 2,509,613
61									

San Diego Gas and Electric Company
Summary of General, Common and Transmission Intangible Forecast Plant Additions
TO4 - Cycle 1

Line No.	Ref. No.	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
1		SECTION 1:							
2		Summary of General, Common and IT Plant Forecast:							
3	A	Common Plant Additions - (Facilities)	\$ 30,434	\$ 58,695	\$ 78,426	\$ 75,290	\$ 80,156	\$ 105,517	\$ 81,520
4	A	Common Plant Additions - (Smart Meters)	-	-	-	-	-	-	-
5	A	Common Plant Additions - (Smart Grid)	143,099	127,484	505,569	230,224	127,484	512,019	249,964
6	A	Common Plant Additions - (IT)	15,054,572	-	-	-	-	-	-
7	B	General Plant Additions (Sunrise - Communication Eqpt)	-	-	-	-	-	-	-
8	B	General Plant Additions (ECO - Communication Eqpt)	-	-	-	-	11,749,844	-	-
9	B	General Plant Additions - (Smart Pricing Program - IT Hardware)	-	-	-	-	-	-	-
10	E	Direct Charge Transmission Electric Intangible Plant Additions (IT Software)	84,000	84,000	84,000	84,000	84,000	84,000	84,000
11									
12		Total	\$15,312,105	\$ 270,179	\$ 667,995	\$ 389,514	\$12,041,484	\$ 701,536	\$ 415,484
13									
14		SECTION 2:							
15	A	Total Common Plant Forecast (Lines 3 to 6)	\$15,228,105	\$ 186,179	\$ 583,995	\$ 305,514	\$ 207,640	\$ 617,536	\$ 331,484
16									
17		Common Plant Allocation Factor (Direct Labor Method)	72.32%	72.32%	72.32%	72.32%	72.32%	72.32%	72.32%
18									
19		Common Plant (Facilities, Smart Meter, Smart Grid & IT) - Electric Only	\$11,012,966	\$ 134,645	\$ 422,345	\$ 220,948	\$ 150,165	\$ 446,602	\$ 239,729
20									
21									
22	B	Total Electric General Plant Forecast (Lines 7 to 9)	\$ -	\$ -	\$ -	\$ -	\$11,749,844	\$ -	\$ -
23									
24									
25	C	Total - Common & Electric General Plant Forecast (Sections A & B)	\$11,012,966	\$ 134,645	\$ 422,345	\$ 220,948	\$11,900,009	\$ 446,602	\$ 239,729
26									
27		Transmission Salaries & Wages Ratio (Statement A)	14.44%	14.44%	14.44%	14.44%	14.44%	14.44%	14.44%
28									
29	D	Total Transmission Related - Common & General Plant Forecast	\$ 1,590,272	\$ 19,443	\$ 60,987	\$ 31,905	\$ 1,718,361	\$ 64,489	\$ 34,617
30									
31									
32	E	Total Direct Charge Transm. Elec. Intangible Plant Forecast (Line 10)	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
33									
34									
35	F	TOTAL (Line 29 + Line 32)	\$ 1,674,272	\$ 103,443	\$ 144,987	\$ 115,905	\$ 1,802,361	\$ 148,489	\$ 118,617
36									
37	G	SECTION 3:							
38		HV/LV Transmission Plant Balance @ May 31, 2012							
39		HV (\$1,000)	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012	\$ 797,012
40		LV (\$1,000)	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034	1,047,034
41		Total	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046	\$ 1,844,046
42									
43		HV/LV Transmission Weighted Forecast Plant Additions							
44		HV (\$1,000)	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714	\$ 1,760,714
45		LV (\$1,000)	352,511	352,511	352,511	352,511	352,511	352,511	352,511
46		Total	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225	\$ 2,113,225
47									
48		Total HV/LV @ May 31, 2012 Balance + Weighted Forecast Plant Additions							
49		HV (\$1,000)	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726	\$ 2,557,726
50		LV (\$1,000)	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545	1,399,545
51		Total	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271	\$ 3,957,271
52									
53		HV/LV Allocation % = May 31, 2012 Balance + Forecast Plant Additions							
54		HV %	64.63%	64.63%	64.63%	64.63%	64.63%	64.63%	64.63%
55		LV %	35.37%	35.37%	35.37%	35.37%	35.37%	35.37%	35.37%
56		Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
57	H	Allocated Common, General & Intangible Plant Forecast (Unweighted)							
58		High Voltage \$	\$ 1,082,082	\$ 66,855	\$ 93,705	\$ 74,909	\$ 1,164,866	\$ 95,968	\$ 76,662
59		Low Voltage \$	592,190	36,588	51,282	40,996	637,495	52,521	41,955
60		Total	\$ 1,674,272	\$ 103,443	\$ 144,987	\$ 115,905	\$ 1,802,361	\$ 148,489	\$ 118,617
61									

San Diego Gas and Electric Company
Summary of General, Common and Transmission Intangible Forecast Plant Additions
TO4 - Cycle 1

Line No.	Ref. No.	Description	Aug-14	Total	Reference	Line No.
1		SECTION 1:				1
2		Summary of General, Common and IT Plant Forecast:				2
3	A	Common Plant Additions - (Facilities)	\$ 106,728	\$ 65,179,598	Common Facilities Line 97	3
4	A	Common Plant Additions - (Smart Meters)	-	31,834,703	Smart Meter IT Line 21	4
5	A	Common Plant Additions - (Smart Grid)	1,004,484	16,793,254	Smart Grid Line 34	5
6	A	Common Plant Additions - (IT)	-	73,830,310	IT Capital Common Line 47	6
7	B	General Plant Additions (Sunrise - Communication Eqpt)	-	14,637,692	Amount of Sunrise Communication Eqpt assigned to General Plant	7
8	B	General Plant Additions (ECO - Communication Eqpt)	-	11,749,844	Amount of ECO Communication Eqpt assigned to General Plant	8
9	B	General Plant Additions - (Smart Pricing Program - IT Hardware)	-	14,770	SPP IT Line 9	9
10	E	Direct Charge Transmission Electric Intangible Plant Additions (IT Software)	84,000	2,058,107	IT Capital Electric Line 49	10
11						11
12		Total	\$ 1,195,212	\$ 216,098,278	Sum Lines 3 thru 10	12
13						13
14		SECTION 2:				14
15	A	Total Common Plant Forecast (Lines 3 to 6)	\$ 1,111,212	\$ 187,637,865	Sum Lines 3 to 6	15
16						16
17		Common Plant Allocation Factor (Direct Labor Method)	72.32%	72.32%	June'11 to May 2012 Direct Labor Alloc. Calc.	17
18						18
19		Common Plant (Facilities, Smart Meter, Smart Grid & IT) - Electric Only	\$ 803,629	\$ 135,699,703	Line 15 x Line 17	19
20						20
21						21
22	B	Total Electric General Plant Forecast (Lines 7 to 9)	\$ -	\$ 26,402,306	Sum Lines 7 to 9	22
23						23
24						24
25	C	Total - Common & Electric General Plant Forecast (Sections A & B)	\$ 803,629	\$ 162,102,009	Line 19 + Line 22	25
26						26
27		Transmission Salaries & Wages Ratio (Statement AI)	14.44%	14.44%	Statement AI; Line 19	27
28						28
29	D	Total Transmission Related - Common & General Plant Forecast	\$ 116,044	\$ 23,407,533	Line 25 x Line 27	29
30						30
31						31
32	E	Total Direct Charge Transm. Elec. Intangible Plant Forecast (Line 10)	\$ 84,000	\$ 2,058,107	See Line 10	32
33						33
34						34
35	F	TOTAL (Line 29 + Line 32)	\$ 200,044	\$ 25,465,640	Line 29 + Line 32	35
36						36
37	G	SECTION 3:				37
38		HV/LV Transmission Plant Balance @ May 31, 2012				38
39		HV (\$1,000)	\$ 797,012	\$ 797,012	Vol. 3 W/P Tab HV-LV Alloc. Study; Page 1; Col C; Line 25	39
40		LV (\$1,000)	1,047,034	1,047,034	Vol. 3 W/P Tab HV-LV Alloc. Study; Page 1; Col B; Line 25	40
41		Total	\$ 1,844,046	\$ 1,844,046	Line 39 + Line 40	41
42						42
43		HV/LV Transmission Weighted Forecast Plant Additions				43
44		HV (\$1,000)	\$ 1,760,714	\$ 1,760,714	Vol. 3 W/P; Summary of Wtd Trans. Plant Adds; Page 2; Line 29	44
45		LV (\$1,000)	352,511	352,511	Vol. 3 W/P; Summary of Wtd Trans. Plant Adds; Page 2; Line 29	45
46		Total	\$ 2,113,225	\$ 2,113,225	Line 44+ Line 45	46
47						47
48		Total HV/LV @ May 31, 2012 Balance + Weighted Forecast Plant Additions				48
49		HV (\$1,000)	\$ 2,557,726	\$ 2,557,726	Line 39+ Line 44	49
50		LV (\$1,000)	1,399,545	1,399,545	Line 40+ Line 45	50
51		Total	\$ 3,957,271	\$ 3,957,271	Line 49+ Line 50	51
52						52
53		HV/LV Allocation % = May 31, 2012 Balance + Forecast Plant Additions				53
54		HV %	64.63%	64.63%	Line 49 / Line 51	54
55		LV %	35.37%	35.37%	Line 50 / Line 51	55
56		Total	100.00%	100.00%	Line 53 + Line 54	56
57	H	Allocated Common, General & Intangible Plant Forecast (Unweighted)				57
58		High Voltage \$	\$ 129,288	\$ 16,458,442	Line 35 x Line 53	58
59		Low Voltage \$	70,756	9,007,198	Line 35 x Line 54	59
60		Total	\$ 200,044	\$ 25,465,640	Line 58 + Line 59	60
61			-	-	Check Total	61

San Diego Gas and Electric Company
Summary of General, Common and Transmission Intangible Forecast Plant Additions
TO4 - Cycle 1

Notes:

SECTION 1 shows the forecast for common, general, and intangible plant that conforms to workpapers as indicated in the reference column.

SECTION 2 segregates the costs in Section 1 into common (allocated per direct labor allocation method) and general components. The combined total are allocated per transmission labor ratio. The directly assigned transmission electric intangible plant forecast is added to get the overall total forecast plant to be allocated between High and Low Voltage in Section 3.

SECTION 3 reflects the basis for HV/LV allocations for the forecast of common, general & intangible plant additions based on the combined transmission plant balances as of May 31, 2012 plus the weighted forecast transmission plant additions from June 2012 - August 2014. The ratios developed on Lines 53 and 54 are used to allocate the Common, General, and Intangible forecast plant additions between HV and LV for CAISO TAC purposes.

San Diego Gas & Electric Company

Monthly General & Common Forecast Plant Additions (Facilities) Workpapers

Docket No. ER13-____-____

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
1	701	10441	CP 3-3 Carpet Replacement & Refresh	06/30/12	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	701	10396	Mission Skills Training Center Manager's Office TI	06/30/12	157	-	-	-	-	-	-
3	701	10476	Monument Peak Roof Replacement	06/30/12	16,676	-	-	-	-	-	-
4	703	10398	Kearny Yard Racking & Storage (Storeroom Shed)- Phase 1	06/30/12	22,942	-	-	-	-	-	-
5	708	10225	Miramar Prover Rm HVAC Replacement	06/30/12	718	-	-	-	-	-	-
6	709	10422	CP5-2 Office TI	06/30/12	1,471	-	-	-	-	-	-
7	709	10460	Mission Bldg A Electric Distribution Operation Lead Office TI	06/30/12	45	-	-	-	-	-	-
8	701	10407	CP3-3 Executive Resource Center Improvements	07/31/12	-	685	-	-	-	-	-
9	701	10696	Miramar GEC AV Equipment Installation	08/31/12	-	-	3,678	-	-	-	-
10	701	10383	Palomar Energy Ctr Switch Gear Maint Structure Improvement	08/31/12	-	-	4,396	-	-	-	-
11	705	10334	Electric Vehicle Charging Station	08/31/12	-	-	9,079	-	-	-	-
12	2782	6421	Fleet Equipment - SDGE	08/31/12	-	-	20,555	-	-	-	-
13	701	10252	Mission Telecom Road Widening	09/30/12	-	-	-	4,366	-	-	-
14	701	10484	Mission Foretravel Site Improvements	09/30/12	-	-	-	106,519	-	-	-
15	701	10274	Northeast Proj Admin Bldg Remodel	09/30/12	-	-	-	2,454	-	-	-
16	703	10695	San Diego EIC Motorized Window Shade Installation	09/30/12	-	-	-	33,369	-	-	-
17	703	10727	San Diego EIC Walkway Stormwater	09/30/12	-	-	-	3,217	-	-	-
18	709	10603	CP4 C/J Command Ctr Improvements	09/30/12	-	-	-	53,123	-	-	-
19	709	10606	Kearny Offsite Asset Warehouse (Ruffin Ct.)	09/30/12	-	-	-	572,687	-	-	-
20	7728	8828	San Diego Energy Innovation Center	09/30/12	-	-	-	11,965	-	-	-
21	8735	6761	RBDC Alternative Energy Source	09/30/12	-	-	-	674,776	-	-	-
22	8735.001	9400	RBDC UPS & Fire Panel Replacement	09/30/12	-	-	-	463,868	-	-	-
23	11739	9785	CP6 Cafeteria Improvements	09/30/12	-	-	-	639	-	-	-
24	701	10408	Kearny Yard Racking & Storage (TCM) - Phase 2	10/31/12	-	-	-	-	34,317	-	-
25	701	10286	Mission Control Site Safety Improvements	10/31/12	-	-	-	-	35,186	-	-
26	701	10702	Mission Warehouse Demolition	10/31/12	-	-	-	-	85,662	-	-
27	701	10540	Northcoast Roof Replacement	10/31/12	-	-	-	-	63,032	-	-
28	703	9959	CP3 & 6 Parking Improvements and Grease Trap Relo	10/31/12	-	-	-	-	28,322	-	-
29	703	10401	Kearny RFS Containment Pad Improvements- Phase 1	10/31/12	-	-	-	-	39,545	-	-
30	708	10459	San Francisco Office TI	10/31/12	-	-	-	-	127,903	-	-
31	700	10378	Substation Landscaping/Fencing Blanket - SDGE (2011)	11/30/12	-	-	-	-	-	221,031	-
32	701	10577	Beach Cities Storage Yard Drive Isle Installation	11/30/12	-	-	-	-	-	172,352	-
33	701	8286	CP 4 & 5 Restroom Upgrades	11/30/12	-	-	-	-	-	612,535	-
34	701	10744	Palomar Admin Roof Structural Upgrade	11/30/12	-	-	-	-	-	115,484	-
35	701	10554	San Marcos Peak Roof Replacement	11/30/12	-	-	-	-	-	23,499	-
36	703	10711	Mission Control Floor Box Replacement	11/30/12	-	-	-	-	-	45,062	-
37	703	10736	Northeast Eye Wash Stations	11/30/12	-	-	-	-	-	90,573	-
38	703	10479	San Diego EIC Fall Protection Improvements	11/30/12	-	-	-	-	-	78,175	-
39	708	10565	Miguel Substation Generator Replacement	11/30/12	-	-	-	-	-	87,921	-
40	708	10568	Mission Telecom UPS Improvements	11/30/12	-	-	-	-	-	346,313	-
41	708	10553	CP5 Common Area Refurbish	11/30/12	-	-	-	-	-	329,712	-
42	709	10708	Sacramento Office Telepresence Rm & Refresh	11/30/12	-	-	-	-	-	255,054	-
43	701	10363	CP Parking Lot Status Sign Installation	12/31/12	-	-	-	-	-	-	85,140
44	701	10556	Escondido Telecom SIn Roof Replacement	12/31/12	-	-	-	-	-	-	24,176
45	701	10735	Northcoast Modular Parts Rm	12/31/12	-	-	-	-	-	-	32,538
46	701	10467	OCCO Warehouse Foundation	12/31/12	-	-	-	-	-	-	330,031
47	701	10557	Palomar Mtn Roof Replacement	12/31/12	-	-	-	-	-	-	32,021
48	701	10545	Ramona Warehouse Roof Replacement	12/31/12	-	-	-	-	-	-	45,141
49	703	10734	South Bay District Office ADA Modification	12/31/12	-	-	-	-	-	-	94,562
50	705	10678	CP Solar Carport Construction	12/31/12	-	-	-	-	-	-	690,426

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
51	707	10712	South Bay District Office Security System Upgrade	12/31/12	-	-	-	-	-	-	125,054
52	708	10560	Guatay Roof Replacement	12/31/12	-	-	-	-	-	-	9,070
53	708	10580	Northcoast Bldg 1 Package Unit Replacement	12/31/12	-	-	-	-	-	-	90,202
54	708	10687	RBDC Computer Rm PDU & Transfer Switch Upgrades	12/31/12	-	-	-	-	-	-	1,146,603
55	2782	10737	Eastern Steam/Pressure Washer Replacement	12/31/12	-	-	-	-	-	-	46,084
56	2782	10747	Northcoast Garage Eyewash Plumbing	12/31/12	-	-	-	-	-	-	71,620
57	12742	10552	CP4 Common Area Refurbish	12/31/12	-	-	-	-	-	-	1,178,214
58	12741	10548	CP2 Restrooms and Bldg Refurbish	01/31/13	-	-	-	-	-	-	-
59	708	10729	Northcoast NGV Fueling Stn Upgrade	02/28/13	-	-	-	-	-	-	-
60	710	10500	Kearny Master Planning	02/28/13	-	-	-	-	-	-	-
61	710	6441	Northcoast C&O Crewroom Trailer	03/31/13	-	-	-	-	-	-	-
62	12740	10430	Lightwave East TI	03/31/13	-	-	-	-	-	-	-
63	8735	10318	RBDC Bldg Expansion & Chiller Plant	04/30/13	-	-	-	-	-	-	-
64	1740	6420	Beach Cities C&O Expansion	06/30/13	-	-	-	-	-	-	-
65	12743	10723	Alpine Way Acquisition	06/30/13	-	-	-	-	-	-	-
66	8735	10319	RBDC Generator Plant	07/31/13	-	-	-	-	-	-	-
67	710	10454	OCCE Crew Room Construction	09/30/13	-	-	-	-	-	-	-
68	701	10451	Northcoast Carpet Replacement	12/31/13	-	-	-	-	-	-	-
69	701	10543	OCCE Roof Replacement	12/31/13	-	-	-	-	-	-	-
70	701	10546	Ramona Bldg A & B Roof Replacement	12/31/13	-	-	-	-	-	-	-
71	701	10574	Southbay DO Parking Lot	12/31/13	-	-	-	-	-	-	-
72	703	N/A	CP3 ADA Access Improvements	12/31/13	-	-	-	-	-	-	-
73	703	N/A	CP6 ADA Access Improvements	12/31/13	-	-	-	-	-	-	-
74	708	10559	Eastern DO Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	-	-	-
75	708	10562	Market Creek BO Package Unit Replacement	12/31/13	-	-	-	-	-	-	-
76	708	10563	Metro Bldg C Emergency Generator Replacement	12/31/13	-	-	-	-	-	-	-
77	708	10564	Metro Bldg C Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	-	-	-
78	708	10579	Northcoast Package Unit Replacements (4 Units)	12/31/13	-	-	-	-	-	-	-
79	708	10542	Northeast Package Unit Replacement	12/31/13	-	-	-	-	-	-	-
80	708	10544	Ramona Package Unit Replacement	12/31/13	-	-	-	-	-	-	-
81	708	10387	RBDC ADP Space Fire Suppression System	12/31/13	-	-	-	-	-	-	-
82	708	10571	Southbay DO Split Cooling System Replacement	12/31/13	-	-	-	-	-	-	-
83	709	10361	CPT Reifresh	12/31/13	-	-	-	-	-	-	-
84	709	10547	CP1 Restrooms	12/31/13	-	-	-	-	-	-	-
85	709	9962	CP6 EOC Ergonomic Workstations	12/31/13	-	-	-	-	-	-	-
86	709	10448	CP6 Restroom Improvements	12/31/13	-	-	-	-	-	-	-
87	709	10474	Eastern Field Collection Office Remodel	12/31/13	-	-	-	-	-	-	-
88	710	10738	Mission Site Master Planning	12/31/13	-	-	-	-	-	-	-
89	710	N/A	ME Empire Fleet Operations - Site Improvements	12/31/13	-	-	-	-	-	-	-
90	8735.001	N/A	RBDC CRAC Replacements	12/31/13	-	-	-	-	-	-	-
91	700	Blkt	Program Spend - Land Blanket	Monthly	-	-	-	-	-	-	-
92	705	Blkt	Program Spend - Misc Equipment Blanket	Monthly	-	-	-	-	-	-	-
93	707	Blkt	Program Spend - Security Improvements Blanket - SDGE	Monthly	-	-	-	-	-	-	-
94	708	Blkt	Program Spend - Comm. Plant Blanket - Infrastructure & Reliat	Monthly	-	-	-	-	-	-	-
95	6791	Blkt	Program Spend - Fleet Blanket Equipment	Monthly	-	-	-	-	-	-	-
96											
97			TOTAL COMMON PLANT - FACILITIES		\$ 42,061	\$ 685	\$ 37,708	\$ 1,926,983	\$ 413,967	\$ 2,377,711	\$ 4,000,882

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13
1	701	10441	CP 3-3 Carpet Replacement & Refresh	06/30/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	701	10396	Mission Skills Training Center Manager's Office TI	06/30/12	-	-	-	-	-	-	-
3	701	10476	Monument Peak Roof Replacement	06/30/12	-	-	-	-	-	-	-
4	703	10398	Kearny Yard Racking & Storage (Storeroom Sheel)- Phase 1	06/30/12	-	-	-	-	-	-	-
5	708	10225	Miramar Prover Rm HVAC Replacement	06/30/12	-	-	-	-	-	-	-
6	709	10422	CP5-2 Office TI	06/30/12	-	-	-	-	-	-	-
7	709	10460	Mission Bldg A Electric Distribution Operation Lead Office TI	06/30/12	-	-	-	-	-	-	-
8	701	10407	CP3-3 Executive Resource Center Improvements	07/31/12	-	-	-	-	-	-	-
9	701	10696	Miramar GEC AV Equipment Installation	08/31/12	-	-	-	-	-	-	-
10	701	10383	Palomar Energy Ctr Switch Gear Maint Structure Improvement	08/31/12	-	-	-	-	-	-	-
11	705	10334	Electric Vehicle Charging Station	08/31/12	-	-	-	-	-	-	-
12	2782	6421	Fleet Equipment - SDGE	08/31/12	-	-	-	-	-	-	-
13	701	10252	Mission Telecom Road Widening	09/30/12	-	-	-	-	-	-	-
14	701	10484	Northeast Foretravel Site Improvements	09/30/12	-	-	-	-	-	-	-
15	701	10274	Northeast Proj Admin Bldg Remodel	09/30/12	-	-	-	-	-	-	-
16	703	10695	San Diego EIC Motorized Window Shade Installation	09/30/12	-	-	-	-	-	-	-
17	703	10727	San Diego EIC Walkway Stormwater	09/30/12	-	-	-	-	-	-	-
18	709	10603	CP4 C/I Command Ctr Improvements	09/30/12	-	-	-	-	-	-	-
19	709	10606	Kearny Offsite Asset Warehouse (Ruffin Ct.)	09/30/12	-	-	-	-	-	-	-
20	7728	8828	San Diego Energy Innovation Center	09/30/12	-	-	-	-	-	-	-
21	8735	6761	RBDC Alternative Energy Source	09/30/12	-	-	-	-	-	-	-
22	8735.001	9400	RBDC UPS & Fire Panel Replacement	09/30/12	-	-	-	-	-	-	-
23	11739	9785	CP6 Cafeteria Improvements	09/30/12	-	-	-	-	-	-	-
24	701	10408	Kearny Yard Racking & Storage (TCM) - Phase 2	10/31/12	-	-	-	-	-	-	-
25	701	10286	Mission Control Site Safety Improvements	10/31/12	-	-	-	-	-	-	-
26	701	10702	Mission Warehouse Demolition	10/31/12	-	-	-	-	-	-	-
27	701	10540	Northcoast Roof Replacement	10/31/12	-	-	-	-	-	-	-
28	703	9959	CP3 & 6 Parking Improvements and Grease Trap Relo	10/31/12	-	-	-	-	-	-	-
29	703	10401	Kearny RFS Containment Pad Improvements- Phase 1	10/31/12	-	-	-	-	-	-	-
30	709	10459	San Francisco Office TI	10/31/12	-	-	-	-	-	-	-
31	700	10378	Substation Landscaping/Fencing Blanket - SDGE (2011)	11/30/12	-	-	-	-	-	-	-
32	701	10577	Beach Cities Storage Yard Drive Isle Installation	11/30/12	-	-	-	-	-	-	-
33	701	8286	CP 4 & 5 Restroom Upgrades	11/30/12	-	-	-	-	-	-	-
34	701	10744	Palomar Admin Roof Structural Upgrade	11/30/12	-	-	-	-	-	-	-
35	701	10554	San Marcos Peak Roof Replacement	11/30/12	-	-	-	-	-	-	-
36	703	10711	Mission Control Floor Box Replacement	11/30/12	-	-	-	-	-	-	-
37	703	10736	Northeast Eye Wash Stations	11/30/12	-	-	-	-	-	-	-
38	703	10479	San Diego EIC Fall Protection Improvements	11/30/12	-	-	-	-	-	-	-
39	708	10565	Miguel Substation Generator Replacement	11/30/12	-	-	-	-	-	-	-
40	708	10568	Mission Telecom UPS Improvements	11/30/12	-	-	-	-	-	-	-
41	709	10553	CP5 Common Area Refurbish	11/30/12	-	-	-	-	-	-	-
42	709	10708	Sacramento Office Telepresence Rm & Refresh	11/30/12	-	-	-	-	-	-	-
43	701	10363	CP Parking Lot Status Sign Installation	12/31/12	-	-	-	-	-	-	-
44	701	10556	Esccondido Telecom Stn Roof Replacement	12/31/12	-	-	-	-	-	-	-
45	701	10735	Northcoast Modular Parts Rm	12/31/12	-	-	-	-	-	-	-
46	701	10467	OCCO Warehouse Foundation	12/31/12	-	-	-	-	-	-	-
47	701	10557	Palomar Min Roof Replacement	12/31/12	-	-	-	-	-	-	-
48	701	10545	Ramona Warehouse Roof Replacement	12/31/12	-	-	-	-	-	-	-
49	703	10734	South Bay District Office ADA Modification	12/31/12	-	-	-	-	-	-	-
50	705	10678	CP Solar Carpet Construction	12/31/12	-	-	-	-	-	-	-

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13
51	707	10712	South Bay District Office Security System Upgrade	12/31/12	-	-	-	-	-	-	-
52	708	10560	Guatay Roof Replacement	12/31/12	-	-	-	-	-	-	-
53	708	10580	Northcoast Bldg 1 Package Unit Replacement	12/31/12	-	-	-	-	-	-	-
54	708	10687	RBDC Computer Rm PDU & Transfer Switch Upgrades	12/31/12	-	-	-	-	-	-	-
55	2782	10737	Eastern Steam/Pressure Washer Replacement	12/31/12	-	-	-	-	-	-	-
56	2782	10747	Northcoast Garage Eyewash Plumbing	12/31/12	-	-	-	-	-	-	-
57	12742	10552	CP4 Common Area Refurbish	12/31/12	-	-	-	-	-	-	-
58	12741	10548	CP2 Restrooms and Bldg Refurbish	01/31/13	2,211,784	-	-	-	-	-	-
59	708	10729	Northcoast NGV Fueling Stn Upgrade	02/28/13	-	1,101,590	-	-	-	-	-
60	710	10500	Kearny Master Planning	02/28/13	-	348,939	-	-	-	-	-
61	710	6441	Northcoast C&O Crewroom Trailer	03/31/13	-	-	1,279,688	-	-	-	-
62	12740	10430	Lightwave East TI	03/31/13	-	-	6,462,555	-	-	-	-
63	8735	10318	RBDC Bldg Expansion & Chiller Plant	04/30/13	-	-	-	9,541,887	-	-	-
64	1740	6420	Beach Cities C&O Expansion	06/30/13	-	-	-	-	11,347,975	-	-
65	12743	10723	Alpine Way Acquisition	06/30/13	-	-	-	-	-	4,791,200	-
66	8735	10319	RBDC Generator Plant	07/31/13	-	-	-	-	-	-	6,994,822
67	710	10454	OCCO Crew Room Construction	09/30/13	-	-	-	-	-	-	-
68	701	10451	Northcoast Carpet Replacement	12/31/13	-	-	-	-	-	-	-
69	701	10543	OCCO Roof Replacement	12/31/13	-	-	-	-	-	-	-
70	701	10546	Ramona Bldg A & B Roof Replacement	12/31/13	-	-	-	-	-	-	-
71	701	10574	Southbay DO Parking Lot	12/31/13	-	-	-	-	-	-	-
72	703	N/A	CP3 ADA Access Improvements	12/31/13	-	-	-	-	-	-	-
73	703	N/A	CP6 ADA Access Improvements	12/31/13	-	-	-	-	-	-	-
74	708	10559	Eastern DO Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	-	-	-
75	708	10562	Market Creek BO Package Unit Replacement	12/31/13	-	-	-	-	-	-	-
76	708	10563	Metro Bldg C Emergency Generator Replacement	12/31/13	-	-	-	-	-	-	-
77	708	10564	Metro Bldg C Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	-	-	-
78	708	10579	Northcoast Package Unit Replacements (4 Units)	12/31/13	-	-	-	-	-	-	-
79	708	10542	Northcoast Package Unit Replacement	12/31/13	-	-	-	-	-	-	-
80	708	10544	Ramona Package Unit Replacement	12/31/13	-	-	-	-	-	-	-
81	708	10387	RBDC ADP Space Fire Suppression System	12/31/13	-	-	-	-	-	-	-
82	708	10571	Southbay DO Split Cooling System Replacement	12/31/13	-	-	-	-	-	-	-
83	709	10361	CP1 Refresh	12/31/13	-	-	-	-	-	-	-
84	709	10547	CP1 Restrooms	12/31/13	-	-	-	-	-	-	-
85	709	9962	CP6 EOC Ergonomic Workstations	12/31/13	-	-	-	-	-	-	-
86	709	10448	CP6 Restroom Improvements	12/31/13	-	-	-	-	-	-	-
87	709	10474	Eastern Field Collection Office Remodel	12/31/13	-	-	-	-	-	-	-
88	710	10738	Mission Site Master Planning	12/31/13	-	-	-	-	-	-	-
89	710	N/A	MI Empire Fleet Operations - Site Improvements	12/31/13	-	-	-	-	-	-	-
90	8735.001	N/A	RBDC CRAC Replacements	12/31/13	-	-	-	-	-	-	-
91	700	Bkkt	Program Spend - Land Blanket	Monthly	5,968	11,510	15,379	14,764	15,718	20,692	15,986
92	705	Bkkt	Program Spend - Misc Equipment Blanket	Monthly	-	-	-	-	-	-	-
93	707	Bkkt	Program Spend - Security Improvements Blanket - SDGE	Monthly	3,979	7,673	10,253	9,843	10,479	13,795	10,657
94	708	Bkkt	Program Spend - Comm. Plant Blanket - Infrastructure & Reliat	Monthly	-	-	-	-	-	-	-
95	6791	Bkkt	Program Spend - Fleet Blanket Equipment	Monthly	1,989	3,837	5,127	4,921	5,240	6,897	5,329
96	TOTAL COMMON PLANT - FACILITIES										
97					\$ 2,223,720	\$ 1,473,549	\$ 7,773,002	\$ 9,571,415	\$ 31,437	\$ 16,180,559	\$ 7,026,794

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14
1	701	10441	CP 3-3 Carpet Replacement & Refresh	06/30/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	701	10396	Mission Skills Training Center Manager's Office TI	06/30/12	-	-	-	-	-	-	-	-
3	701	10476	Monument Peak Roof Replacement	06/30/12	-	-	-	-	-	-	-	-
4	703	10398	Kearny Yard Racking & Storage (Storeroom Shed) - Phase 1	06/30/12	-	-	-	-	-	-	-	-
5	708	10225	Miramar Prover Rm HVAC Replacement	06/30/12	-	-	-	-	-	-	-	-
6	709	10422	CP5-2 Office TI	06/30/12	-	-	-	-	-	-	-	-
7	709	10460	Mission Bldg A Electric Distribution Operation Lead Office TI	06/30/12	-	-	-	-	-	-	-	-
8	701	10407	CP3-3 Executive Resource Center Improvements	07/31/12	-	-	-	-	-	-	-	-
9	701	10696	Miramar GEC AV Equipment Installation	08/31/12	-	-	-	-	-	-	-	-
10	701	10383	Palomar Energy Cir Switch Gear Maint Structure Improvements	08/31/12	-	-	-	-	-	-	-	-
11	705	10334	Electric Vehicle Charging Station	08/31/12	-	-	-	-	-	-	-	-
12	2782	6421	Fleet Equipment - SDGE	08/31/12	-	-	-	-	-	-	-	-
13	701	10252	Mission Telecom Road Widening	09/30/12	-	-	-	-	-	-	-	-
14	701	10484	Northeast Foretravel Site Improvements	09/30/12	-	-	-	-	-	-	-	-
15	701	10274	Northeast Proj Admin Bldg Remodel	09/30/12	-	-	-	-	-	-	-	-
16	703	10695	San Diego EIC Motorized Window Shade Installation	09/30/12	-	-	-	-	-	-	-	-
17	703	10727	San Diego EIC Walkway Stormwater	09/30/12	-	-	-	-	-	-	-	-
18	709	10603	CP4 C/I Command Cir Improvements	09/30/12	-	-	-	-	-	-	-	-
19	709	10606	Kearny Offsite Asset Warehouse (Ruffin Ct.)	09/30/12	-	-	-	-	-	-	-	-
20	7728	8828	San Diego Energy Innovation Center	09/30/12	-	-	-	-	-	-	-	-
21	8735	6761	RBDC Alternative Energy Source	09/30/12	-	-	-	-	-	-	-	-
22	8735.001	9400	RBDC UPS & Fire Panel Replacement	09/30/12	-	-	-	-	-	-	-	-
23	11739	9785	CP6 Cafeteria Improvements	09/30/12	-	-	-	-	-	-	-	-
24	701	10408	Kearny Yard Racking & Storage (TCM) - Phase 2	10/31/12	-	-	-	-	-	-	-	-
25	701	10286	Mission Control Site Safety Improvements	10/31/12	-	-	-	-	-	-	-	-
26	701	10702	Mission Warehouse Demolition	10/31/12	-	-	-	-	-	-	-	-
27	701	10540	Northcoast Roof Replacement	10/31/12	-	-	-	-	-	-	-	-
28	703	9959	CP3 & 6 Parking Improvements and Grease Trap Relo	10/31/12	-	-	-	-	-	-	-	-
29	703	10401	Kearny RFS Containment Pad Improvements- Phase 1	10/31/12	-	-	-	-	-	-	-	-
30	709	10459	San Francisco Office TI	10/31/12	-	-	-	-	-	-	-	-
31	700	10378	Substation Landscaping/Fencing Blanket - SDGE (2011)	11/30/12	-	-	-	-	-	-	-	-
32	701	10577	Beach Cities Storage Yard Drive Isle Installation	11/30/12	-	-	-	-	-	-	-	-
33	701	8286	CP 4 & 5 Restroom Upgrades	11/30/12	-	-	-	-	-	-	-	-
34	701	10744	Palomar Admin Roof Structural Upgrade	11/30/12	-	-	-	-	-	-	-	-
35	701	10554	San Marcos Peak Roof Replacement	11/30/12	-	-	-	-	-	-	-	-
36	703	10711	Mission Control Floor Box Replacement	11/30/12	-	-	-	-	-	-	-	-
37	703	10736	Northeast Eye Wash Stations	11/30/12	-	-	-	-	-	-	-	-
38	703	10479	San Diego EIC Fall Protection Improvements	11/30/12	-	-	-	-	-	-	-	-
39	708	10565	Miguel Substation Generator Replacement	11/30/12	-	-	-	-	-	-	-	-
40	708	10568	Mission Telecom UPS Improvements	11/30/12	-	-	-	-	-	-	-	-
41	709	10553	CP5 Common Area Refurbish	11/30/12	-	-	-	-	-	-	-	-
42	709	10708	Sacramento Office Telepresence Rm & Refresh	11/30/12	-	-	-	-	-	-	-	-
43	701	10363	CP Parking Lot Status Sign Installation	12/31/12	-	-	-	-	-	-	-	-
44	701	10556	Escondido Telecom Sfn Roof Replacement	12/31/12	-	-	-	-	-	-	-	-
45	701	10735	Northcoast Modular Parts Rm	12/31/12	-	-	-	-	-	-	-	-
46	701	10467	OCCO Warehouse Foundation	12/31/12	-	-	-	-	-	-	-	-
47	701	10557	Palomar Min Roof Replacement	12/31/12	-	-	-	-	-	-	-	-
48	701	10545	Ramona Warehouse Roof Replacement	12/31/12	-	-	-	-	-	-	-	-
49	703	10734	South Bay District Office ADA Modification	12/31/12	-	-	-	-	-	-	-	-
50	705	10678	CP Solar Carport Construction	12/31/12	-	-	-	-	-	-	-	-

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14
51	707	10712	South Bay District Office Security System Upgrade	12/31/12	-	-	-	-	-	-	-	-
52	708	10560	Guatav Roof Replacement	12/31/12	-	-	-	-	-	-	-	-
53	708	10580	Northcoast Bldg 1 Package Unit Replacement	12/31/12	-	-	-	-	-	-	-	-
54	708	10687	RBDC Computer Rm PDU & Transfer Switch Upgrades	12/31/12	-	-	-	-	-	-	-	-
55	2782	10737	Eastern Steam/Pressure Washer Replacement	12/31/12	-	-	-	-	-	-	-	-
56	2782	10747	Northcoast Garage Eyewash Plumbing	12/31/12	-	-	-	-	-	-	-	-
57	12742	10552	CP4 Common Area Refurbish	12/31/12	-	-	-	-	-	-	-	-
58	12741	10548	CP2 Restrooms and Bldg Refurbish	01/31/13	-	-	-	-	-	-	-	-
59	708	10729	Northcoast NGV Fueling Stn Upgrade	02/28/13	-	-	-	-	-	-	-	-
60	710	10500	Kearny Master Planning	02/28/13	-	-	-	-	-	-	-	-
61	710	6441	Northcoast C&O Crewroom Trailer	03/31/13	-	-	-	-	-	-	-	-
62	12740	10430	Lightwave East TI	03/31/13	-	-	-	-	-	-	-	-
63	8735	10318	RBDC Bldg Expansion & Chiller Plant	04/30/13	-	-	-	-	-	-	-	-
64	1740	6420	Beach Cities C&O Expansion	06/30/13	-	-	-	-	-	-	-	-
65	12743	10723	Alpine Way Acquisition	06/30/13	-	-	-	-	-	-	-	-
66	8735	10319	RBDC Generator Plant	07/31/13	-	-	-	-	-	-	-	-
67	710	10454	OCCO Crew Room Construction	09/30/13	-	2,332,145	-	-	-	-	-	-
68	701	10451	Northcoast Carpet Replacement	12/31/13	-	-	-	-	28,380	-	-	-
69	701	10543	OCCO Roof Replacement	12/31/13	-	-	-	-	13,622	-	-	-
70	701	10546	Ramona Bldg A & B Roof Replacement	12/31/13	-	-	-	-	11,352	-	-	-
71	701	10574	Southbay DO Parking Lot	12/31/13	-	-	-	-	81,735	-	-	-
72	703	N/A	CP3 ADA Access Improvements	12/31/13	-	-	-	-	56,760	-	-	-
73	703	N/A	CP6 ADA Access Improvements	12/31/13	-	-	-	-	227,040	-	-	-
74	708	10559	Eastern DO Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	17,028	-	-	-
75	708	10562	Market Creek BO Package Unit Replacement	12/31/13	-	-	-	-	13,622	-	-	-
76	708	10563	Metro Bldg C Emergency Generator Replacement	12/31/13	-	-	-	-	56,760	-	-	-
77	708	10564	Metro Bldg C Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	102,168	-	-	-
78	708	10579	Northcoast Package Unit Replacements (4 Units)	12/31/13	-	-	-	-	56,760	-	-	-
79	708	10542	Northeast Package Unit Replacement	12/31/13	-	-	-	-	13,622	-	-	-
80	708	10544	Ramona Package Unit Replacement	12/31/13	-	-	-	-	13,622	-	-	-
81	708	10387	RBDC ADP Space Fire Suppression System	12/31/13	-	-	-	-	482,460	-	-	-
82	708	10571	Southbay DO Split Cooling System Replacement	12/31/13	-	-	-	-	11,352	-	-	-
83	709	10361	CP1 Refresh	12/31/13	-	-	-	-	2,270,400	-	-	-
84	709	10547	CP1 Restrooms	12/31/13	-	-	-	-	397,320	-	-	-
85	709	9962	CP6 EOC Ergonomic Workstations	12/31/13	-	-	-	-	485,866	-	-	-
86	709	10448	CP6 Restroom Improvements	12/31/13	-	-	-	-	413,213	-	-	-
87	709	10474	Eastern Field Collection Office Remodel	12/31/13	-	-	-	-	1,220,340	-	-	-
88	710	10738	Mission Site Master Planning	12/31/13	-	-	-	-	425,307	-	-	-
89	710	N/A	MT Empire Fleet Operations - Site Improvements	12/31/13	-	-	-	-	567,600	-	-	-
90	8735.001	N/A	RBDC CRAC Replacements	12/31/13	-	-	-	-	1,702,800	-	-	-
91	700	Bklt	Program Spend - Land Blanket	Monthly	20,929	26,562	29,053	47,039	116,959	5,968	11,510	15,379
92	705	Bklt	Program Spend - Misc Equipment Blanket	Monthly	-	-	-	-	-	3,979	7,673	10,253
93	707	Bklt	Program Spend - Security Improvements Blanket - SDGE	Monthly	13,953	17,708	19,369	31,359	77,973	3,979	7,673	10,253
94	708	Bklt	Program Spend - Comm. Plant Blanket - Infrastructure & Reliabil	Monthly	-	-	-	-	-	14,519	28,002	37,415
95	6791	Bklt	Program Spend - Fleet Blanket Equipment	Monthly	6,976	8,854	9,685	15,680	38,986	1,989	3,837	5,126
96												
97			TOTAL COMMON PLANT - FACILITIES		\$ 41,858	\$ 2,385,269	\$ 58,107	\$ 94,078	\$ 8,903,047	\$ 30,434	\$ 58,695	\$ 78,426

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total	Line No
1	701	10441	CP 3-3 Carpet Replacement & Refresh	06/30/12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52	1
2	701	10396	Mission Skills Training Center Manager's Office TI	06/30/12	-	-	-	-	-	157	2
3	701	10476	Monument Peak Roof Replacement	06/30/12	-	-	-	-	-	16,676	3
4	703	10398	Kearny Yard Racking & Storage (Storeroom Shed)- Phase 1	06/30/12	-	-	-	-	-	22,942	4
5	708	10225	Miramar Prover Rm HVAC Replacement	06/30/12	-	-	-	-	-	718	5
6	709	10422	CP5-2 Office TI	06/30/12	-	-	-	-	-	1,471	6
7	709	10460	Mission Bldg A Electric Distribution Operation Lead Office TI	06/30/12	-	-	-	-	-	45	7
8	701	10407	CP3-3 Executive Resource Center Improvements	07/31/12	-	-	-	-	-	685	8
9	701	10696	Miramar GEC AV Equipment Installation	08/31/12	-	-	-	-	-	3,678	9
10	701	10383	Palomar Energy Ctr Switch Gear Maint Structure Improvement	08/31/12	-	-	-	-	-	4,396	10
11	705	10334	Electric Vehicle Charging Station	08/31/12	-	-	-	-	-	9,079	11
12	2782	6421	Fleet Equipment - SDGE	08/31/12	-	-	-	-	-	20,555	12
13	701	10252	Mission Telecom Road Widening	09/30/12	-	-	-	-	-	4,366	13
14	701	10484	Northeast Foretravel Site Improvements	09/30/12	-	-	-	-	-	106,519	14
15	701	10274	Northeast Proj Admin Bldg Remodel	09/30/12	-	-	-	-	-	2,454	15
16	703	10695	San Diego EIC Motorized Window Shade Installation	09/30/12	-	-	-	-	-	33,369	16
17	703	10727	San Diego EIC Walkway Stormwater	09/30/12	-	-	-	-	-	3,217	17
18	709	10603	CP4 C/I Command Ctr Improvements	09/30/12	-	-	-	-	-	53,123	18
19	709	10606	Kearny Offsite Asset Warehouse (Ruffin Ct.)	09/30/12	-	-	-	-	-	572,687	19
20	7728	8828	San Diego Energy Innovation Center	09/30/12	-	-	-	-	-	11,965	20
21	8735	6761	RBDC Alternative Energy Source	09/30/12	-	-	-	-	-	674,776	21
22	8735.001	9400	RBDC UPS & Fire Panel Replacement	09/30/12	-	-	-	-	-	463,868	22
23	11739	9785	CP6 Cafeteria Improvements	09/30/12	-	-	-	-	-	639	23
24	701	10408	Kearny Yard Racking & Storage (TCM) - Phase 2	10/31/12	-	-	-	-	-	34,317	24
25	701	10286	Mission Control Site Safety Improvements	10/31/12	-	-	-	-	-	35,186	25
26	701	10702	Mission Warehouse Demolition	10/31/12	-	-	-	-	-	85,662	26
27	701	10540	Northcoast Roof Replacement	10/31/12	-	-	-	-	-	63,032	27
28	703	9959	CP3 & 6 Parking Improvements and Grease Trap Relo	10/31/12	-	-	-	-	-	28,322	28
29	703	10401	Kearny RFS Containment Pad Improvements- Phase 1	10/31/12	-	-	-	-	-	39,545	29
30	709	10459	San Francisco Office TI	10/31/12	-	-	-	-	-	127,903	30
31	700	10378	Substation Landscaping/Fencing Blanket - SDGE (2011)	11/30/12	-	-	-	-	-	221,031	31
32	701	10577	Beach Cities Storage Yard Drive Isle Installation	11/30/12	-	-	-	-	-	172,352	32
33	701	8286	CP 4 & 5 Restroom Upgrades	11/30/12	-	-	-	-	-	612,535	33
34	701	10744	Palomar Admin Roof Structural Upgrade	11/30/12	-	-	-	-	-	115,484	34
35	701	10554	San Marcos Peak Roof Replacement	11/30/12	-	-	-	-	-	23,499	35
36	703	10711	Mission Control Floor Box Replacement	11/30/12	-	-	-	-	-	45,062	36
37	703	10736	Northeast Eye Wash Stations	11/30/12	-	-	-	-	-	90,573	37
38	703	10479	San Diego EIC Fall Protection Improvements	11/30/12	-	-	-	-	-	78,175	38
39	708	10565	Miguel Substation Generator Replacement	11/30/12	-	-	-	-	-	87,921	39
40	708	10568	Mission Telecom UPS Improvements	11/30/12	-	-	-	-	-	346,313	40
41	709	10553	CP5 Common Area Refurbish	11/30/12	-	-	-	-	-	329,712	41
42	709	10708	Sacramento Office Telepresence Rm & Refresh	11/30/12	-	-	-	-	-	255,054	42
43	701	10363	CP Parking Lot Status Sign Installation	12/31/12	-	-	-	-	-	85,140	43
44	701	10556	Escondido Telecom Stn Roof Replacement	12/31/12	-	-	-	-	-	24,176	44
45	701	10735	Northcoast Modular Parts Rm	12/31/12	-	-	-	-	-	32,538	45
46	701	10467	OCCO Warehouse Foundation	12/31/12	-	-	-	-	-	330,031	46
47	701	10557	Palomar Mtn Roof Replacement	12/31/12	-	-	-	-	-	32,021	47
48	701	10545	Ramona Warehouse Roof Replacement	12/31/12	-	-	-	-	-	45,141	48
49	703	10734	South Bay District Office ADA Modification	12/31/12	-	-	-	-	-	94,562	49
50	705	10678	CP Solar Carport Construction	12/31/12	-	-	-	-	-	690,426	50

San Diego Gas and Electric Company
General & Common Plant Additions (Facilities)
June 2012 - August 2014

Line No	Budget Code	Request ID	Description	In Service Date	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total	Line No
51	707	10712	South Bay District Office Security System Upgrade	12/31/12	-	-	-	-	-	125,054	51
52	708	10560	Guatay Roof Replacement	12/31/12	-	-	-	-	-	9,070	52
53	708	10580	Northcoast Bldg 1 Package Unit Replacement	12/31/12	-	-	-	-	-	90,202	53
54	708	10687	RBDC Computer Rm PDU & Transfer Switch Upgrades	12/31/12	-	-	-	-	-	1,146,603	54
55	2782	10737	Eastern Steam/Pressure Washer Replacement	12/31/12	-	-	-	-	-	46,084	55
56	2782	10747	Northcoast Garage Eyewash Plumbing	12/31/12	-	-	-	-	-	71,620	56
57	12742	10552	CP4 Common Area Refurbish	12/31/12	-	-	-	-	-	1,178,214	57
58	12741	10548	CP2 Restrooms and Bldg Refurbish	01/31/13	-	-	-	-	-	2,211,784	58
59	708	10729	Northcoast NGV Fueling Stn Upgrade	02/28/13	-	-	-	-	-	1,101,590	59
60	710	10500	Kearny Master Planning	02/28/13	-	-	-	-	-	348,939	60
61	710	6441	Northcoast C&O Crewroom Trailer	03/31/13	-	-	-	-	-	1,279,688	61
62	12740	10430	Lightwave East TI	03/31/13	-	-	-	-	-	6,462,555	62
63	8735	10318	RBDC Bldg Expansion & Chiller Plant	04/30/13	-	-	-	-	-	9,541,887	63
64	1740	6420	Beach Cities C&O Expansion	06/30/13	-	-	-	-	-	11,347,975	64
65	12743	10723	Alpine Way Acquisition	06/30/13	-	-	-	-	-	4,791,200	65
66	8735	10319	RBDC Generator Plant	07/31/13	-	-	-	-	-	6,994,822	66
67	710	10454	OCCO Crew Room Construction	09/30/13	-	-	-	-	-	2,332,145	67
68	701	10451	Northcoast Carpet Replacement	12/31/13	-	-	-	-	-	28,380	68
69	701	10543	OCCO Roof Replacement	12/31/13	-	-	-	-	-	13,622	69
70	701	10546	Ramona Bldg A & B Roof Replacement	12/31/13	-	-	-	-	-	11,352	70
71	701	10574	Southbay DO Parking Lot	12/31/13	-	-	-	-	-	81,735	71
72	703	N/A	CP3 ADA Access Improvements	12/31/13	-	-	-	-	-	56,760	72
73	703	N/A	CP6 ADA Access Improvements	12/31/13	-	-	-	-	-	227,040	73
74	708	10559	Eastern DO Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	-	17,028	74
75	708	10562	Market Creek BO Package Unit Replacement	12/31/13	-	-	-	-	-	13,622	75
76	708	10563	Metro Bldg C Emergency Generator Replacement	12/31/13	-	-	-	-	-	56,760	76
77	708	10564	Metro Bldg C Package Unit Replacement (6 Units)	12/31/13	-	-	-	-	-	102,168	77
78	708	10579	Northcoast Package Unit Replacements (4 Units)	12/31/13	-	-	-	-	-	56,760	78
79	708	10542	Northeast Package Unit Replacement	12/31/13	-	-	-	-	-	13,622	79
80	708	10544	Ramona Package Unit Replacement	12/31/13	-	-	-	-	-	13,622	80
81	708	10387	RBDC ADP Space Fire Suppression System	12/31/13	-	-	-	-	-	482,460	81
82	708	10571	Southbay DO Split Cooling System Replacement	12/31/13	-	-	-	-	-	11,352	82
83	709	10361	CP1 Refresh	12/31/13	-	-	-	-	-	2,270,400	83
84	709	10547	CP1 Restrooms	12/31/13	-	-	-	-	-	397,320	84
85	709	9962	CP6 EOC Ergonomic Workstations	12/31/13	-	-	-	-	-	485,866	85
86	709	10448	CP6 Restroom Improvements	12/31/13	-	-	-	-	-	413,213	86
87	709	10474	Eastern Field Collection Office Remodel	12/31/13	-	-	-	-	-	1,220,340	87
88	710	10738	Mission Site Master Planning	12/31/13	-	-	-	-	-	425,307	88
89	710	N/A	Mt Empire Fleet Operations - Site Improvements	12/31/13	-	-	-	-	-	567,600	89
90	8735.001	N/A	RBDC CRAC Replacements	12/31/13	-	-	-	-	-	1,702,800	90
91	700	Bikt	Program Spend - Land Blanket	Monthly	14,764	15,719	20,693	15,986	20,929	461,507	91
92	705	Bikt	Program Spend - Misc Equipment Blanket	Monthly	9,843	10,479	13,794	10,657	13,953	80,631	92
93	707	Bikt	Program Spend - Security Improvements Blanket - SDGE	Monthly	9,843	10,478	13,794	10,657	13,953	307,671	93
94	708	Bikt	Program Spend - Comm. Plant Blanket - Infrastructure & Reliat	Monthly	35,919	38,240	50,339	38,891	50,917	294,242	94
95	6791	Bikt	Program Spend - Fleet Blanket Equipment	Monthly	4,921	5,240	6,897	5,329	6,976	153,836	95
96											96
97			TOTAL COMMON PLANT - FACILITIES		\$ 75,290	\$ 80,156	\$ 105,517	\$ 81,520	\$ 106,728	\$ 65,179,598	97

San Diego Gas & Electric Company

Smart Meter IT Forecast Plant Additions Workpapers

Docket No. ER13-____-____

San Diego Gas and Electric Company
 Smart Meters IT Additions
 June 2012 - August 2014

Line No	Smart Meters IT Plant Additions	In Service Date	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13
1	Hardware	6/30/12	\$ 691,059								
2		7/31/12		\$ 15,045							
3		8/31/12			\$ 53,878						
4		9/30/12				\$ 2,529,883					
5		11/30/12							\$ 511,918		
6		12/31/12		691,059	15,045	53,878	2,529,883	-	511,918	1,285,803	-
7									1,285,803		
8	Software										
9		9/30/12				500,000					
10		10/31/12					500,000				
11											
12	Communications										
13		Monthly	119,623	14,823	26,362	272,290	273,185	272,887	5,567,947	333,333	333,333
14											
15	Total Smart Meters IT										
16			\$ 810,682	\$ 29,868	\$ 80,240	\$ 3,302,173	\$ 773,185	\$ 784,805	\$ 6,853,750	\$ 333,333	\$ 333,333
17											
18											
19											
20											
21	TOTAL SMART METERS - IT COMMON		\$ 810,682	\$ 29,868	\$ 80,240	\$ 3,302,173	\$ 773,185	\$ 784,805	\$ 6,853,750	\$ 333,333	\$ 333,333
22											
23											

San Diego Gas and Electric Company
 Smart Meters IT Additions
 June 2012 - August 2014

Line No	Smart Meters IT Plant Additions	In Service Date	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
1	Hardware	6/30/12									
2		7/31/12									
3		8/31/12									
4		9/30/12									
5		11/30/12									
6		12/31/12									
7											
8	Software	9/30/12									
9		10/31/12									
10											
11	Communications	Monthly									
12											
13			333,334	333,333	333,333	15,533,334	333,333	333,333	333,333	333,333	333,333
14											
15	Total Smart Meters IT										
16			\$ 333,334	\$ 333,333	\$ 333,333	\$ 15,533,334	\$ 333,333	\$ 333,333	\$ 333,334	\$ 333,333	\$ 333,333
17											
18	TOTAL SMART METERS - IT COMMON										
19											
20											
21			\$ 333,334	\$ 333,333	\$ 333,333	\$ 15,533,334	\$ 333,333	\$ 333,333	\$ 333,334	\$ 333,333	\$ 333,333
22											
23											

San Diego Gas and Electric Company
 Smart Meters IT Additions
 June 2012 - August 2014

Line No	Smart Meters IT Plant Additions	In Service Date	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total	Line No
1	Hardware	6/30/12										\$ 691,059	1
2		7/31/12										15,045	2
3		8/31/12										53,878	3
4		9/30/12										2,529,883	4
5		11/30/12										511,918	5
6		12/31/12										1,285,803	6
7											5,087,586	7	
8													8
9	Software	9/30/12										500,000	9
10		10/31/12										500,000	10
11												1,000,000	11
12													12
13	Communications	Monthly	333,334									25,747,117	13
14													
15													15
16	Total Smart Meters IT		\$ 333,334	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,834,703	16
17													
18													18
19													19
20													20
21	TOTAL SMART METERS - IT COMMON		\$ 333,334	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,834,703	21
22													22
23													

San Diego Gas & Electric Company

Smart Grid Common Forecast Plant Additions Workpapers

Docket No. ER13-____-____

San Diego Gas and Electric Company
 Smart Grid Common Plant Additions
 June 2012 - August 2014

Line No	Budget Code	Project Name	In Service Date	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
1		Smart Grid - Electric Distribution								
2	11247	Advanced Energy Storage	Dec-12; Apr-13; Aug-13; Dec-13; Apr-14; Jul-14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,540
3	11267	SCADA Expansion	Monthly starting in 2013	21,441	21,441	21,442	21,442	21,442	21,442	230,000
4	10271	On Ramp Wireless	Dec-12; Monthly starting in 2013	-	-	-	-	-	-	5,135,088
5	10875	Home Area Networks (HAN)	Nov-12; Oct-13; Aug-14	-	-	-	-	-	58,000	-
6	12249	Advanced Weather Station Integration	Dec-12	-	-	-	-	-	-	658,750
7	12247	Smart Isolation and Reclosing	Jul-13; Oct-13; Jan-14; Apr-14; Jul-14	-	-	-	-	-	-	-
8	TBD	Distributed Network Protocols	Dec-13	-	-	-	-	-	-	-
9	TBD	Threat and Vulnerability Management	Oct-13	-	-	-	-	-	-	-
10	TBD	Business Analytics System (BAS)	Dec-13; Aug-14	-	-	-	-	-	-	-
11	TBD	Security Metrics and Reporting	Dec-13	-	-	-	-	-	-	-
12	TBD	Centralized Automation Pilot	Aug-14	-	-	-	-	-	-	-
13	TBD	Misc. ED Smart Grid Projects with Component	Apr-13; Oct-13; Mar-14; Jun-14	-	-	-	-	-	-	-
14										
15										
16		Total Smart Grid - Electric Distribution	Lines 2 thru 13	21,441	21,441	21,442	21,442	21,442	21,442	6,054,378
17										
18		Smart Grid - Electric Transmission								
19	12132	Scada Expansion	Monthly	-	-	-	8,000	6,950	15,000	15,000
20	12131	ARC Detection	Dec-12; Jul-13; Jun-14	-	-	-	-	-	-	12,150
21	12129	Automated Fault Location	Dec-13	-	-	-	-	-	-	-
22	10138	Synchrophasors	Dec-12; Jan-13; Mar-13; Jun-13; Sep-13; Dec-13; Mar-14; Jun-14	-	-	-	-	-	-	1,360,000
23	TBD	Misc. ET Projects	Dec-13; Aug-14	-	-	-	-	-	-	-
24										
25										
26		Total Smart Grid - Electric Transmission	Lines 19 thru 23	-	-	-	8,000	6,950	15,000	1,387,150
27										
28										
29		Total SDGE Smart Grid Common Plant	Line 16 + Line 26	\$ 21,441	\$ 21,441	\$ 21,442	\$ 29,442	\$ 28,392	\$ 94,442	\$ 7,441,528
30										
31										
32										
33										
34		TOTAL SMART GRID - COMMON PLANT	Line 29	\$ 21,441	\$ 21,441	\$ 21,442	\$ 29,442	\$ 28,392	\$ 94,442	\$ 7,441,528
35										
36										

San Diego Gas and Electric Company
 Smart Grid Common Plant Additions
 June 2012 - August 2014

Line No	Budget Code	Project Name	In Service Date	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13
1	Smart Grid - Electric Distribution									
2	11247	Advanced Energy Storage	Dec-12; Apr-13; Aug-13; Dec-13; Apr-14; Jul-14	\$ -	\$ -	\$ -	\$ 46,500	\$ -	\$ -	\$ -
3	11267	SCADA Expansion	Monthly	8,350	8,350	8,350	8,350	8,350	8,350	8,350
4	10271	On Ramp Wireless	Dec-12; Monthly starting in 2013	110,833	110,833	110,833	110,833	110,833	110,833	110,833
5	10875	Home Area Networks (HAN)	Nov-12; Oct-13; Aug-14	-	-	-	-	-	-	-
6	12249	Advanced Weather Station Integration	Dec-12	-	-	-	-	-	-	-
7	12247	Smart Isolation and Reclosing	Jul-13; Oct-13; Jan-14; Apr-14; Jul-14	-	-	-	-	-	-	13,014
8	TBD	Distributed Network Protocols	Dec-13	-	-	-	-	-	-	-
9	TBD	Threat and Vulnerability Management	Oct-13	-	-	-	-	-	-	-
10	TBD	Business Analytics System (BAS)	Dec-13; Aug-14	-	-	-	-	-	-	-
11	TBD	Security Metrics and Reporting	Dec-13	-	-	-	-	-	-	-
12	TBD	Centralized Automation Pilot	Aug-14	-	-	-	-	-	-	-
13	TBD	Misc. ED Smart Grid Projects with Component	Apr-13; Oct-13; Mar-14; Jun-14	-	-	-	107,138	-	-	-
14										
15										
16	Total Smart Grid - Electric Distribution		Lines 2 thru 13	119,183	119,183	119,183	272,821	119,183	119,183	132,197
17										
18	Smart Grid - Electric Transmission									
19	12132	Scada Expansion	Monthly	8,300	8,300	8,300	8,300	8,300	8,300	8,300
20	12131	ARC Detection	Dec-12; Jul-13; Jun-14	-	-	-	-	-	-	10,350
21	12129	Automated Fault Location	Dec-13	-	-	-	-	-	-	-
22	10138	Synchrophasors	Dec-12; Jan-13; Mar-13; Jun-13; Sep-13; Dec-13; Mar-14; Jun-14	1,463,700	-	244,162	-	-	244,162	-
23	TBD	Misc. ET Projects	Dec-13; Aug-14	-	-	-	-	-	-	-
24										
25										
26	Total Smart Grid - Electric Transmission		Lines 19 thru 23	1,472,000	8,300	252,462	8,300	8,300	252,462	18,650
27										
28										
29	Total SDGE Smart Grid Common Plant		Line 16 + Line 26	\$ 1,591,183	\$ 127,483	\$ 371,645	\$ 281,121	\$ 127,483	\$ 371,645	\$ 150,847
30										
31										
32										
33										
34	TOTAL SMART GRID - COMMON PLANT		Line 29	\$ 1,591,183	\$ 127,483	\$ 371,645	\$ 281,121	\$ 127,483	\$ 371,645	\$ 150,847
35										
36										

San Diego Gas and Electric Company
 Smart Grid Common Plant Additions
 June 2012 - August 2014

Line No	Budget Code	Project Name	In Service Date	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
1		Smart Grid - Electric Distribution								
2	11247	Advanced Energy Storage	Dec-12; Apr-13; Aug-13; Dec-13; Apr-14; Jul-14	\$ 46,500	\$ -	\$ -	\$ -	\$ 83,000	\$ -	\$ -
3	11267	SCADA Expansion	Monthly	8,350	8,350	8,350	8,350	8,350	8,350	8,350
4	10271	On Ramp Wireless	Dec-12; Monthly starting in 2013	110,833	110,833	110,833	110,833	110,833	110,833	110,834
5	10875	Home Area Networks (HAN)	Nov-12; Oct-13; Aug-14	-	-	100,000	-	-	-	-
6	12249	Advanced Weather Station Integration	Dec-12	-	-	-	-	-	-	-
7	12247	Smart Isolation and Reclosing	Jul-13; Oct-13; Jan-14; Apr-14; Jul-14	-	-	13,014	-	-	15,616	-
8	TBD	Distributed Network Protocols	Dec-13	-	-	-	-	65,000	-	-
9	TBD	Threat and Vulnerability Management	Oct-13	-	-	250,000	-	-	-	-
10	TBD	Business Analytics System (BAS)	Dec-13; Aug-14	-	-	-	-	250,000	-	-
11	TBD	Security Metrics and Reporting	Dec-13	-	-	-	-	75,000	-	-
12	TBD	Centralized Automation Pilot	Aug-14	-	-	-	-	-	-	-
13	TBD	Misc. ED Smart Grid Protects with Component	Apr-13; Oct-13; Mar-14; Jun-14	-	-	107,138	-	-	-	-
14										
15										
16		Total Smart Grid - Electric Distribution	Lines 2 thru 13	165,683	119,183	589,335	119,183	592,183	134,799	119,184
17										
18		Smart Grid - Electric Transmission								
19	12132	Scada Expansion	Monthly	8,300	8,300	8,300	8,300	8,300	8,300	8,300
20	12131	ARC Detection	Dec-12; Jul-13; Jun-14	-	-	-	-	-	-	-
21	12129	Automated Fault Location	Dec-13	-	-	-	-	438,000	-	-
22	10138	Synchrophasors	Dec-12; Jan-13; Mar-13; Jun-13; Sep-13; Dec-13; Mar-14; Jun-14	-	244,162	-	-	244,163	-	-
23	TBD	Misc. ET Projects	Dec-13; Aug-14	-	-	-	-	660,000	-	-
24										
25										
26		Total Smart Grid - Electric Transmission	Lines 19 thru 23	8,300	252,462	8,300	8,300	1,350,463	8,300	8,300
27										
28										
29		Total SDGE Smart Grid Common Plant	Line 16 + Line 26	\$ 173,983	\$ 371,645	\$ 597,635	\$ 127,483	\$ 1,942,646	\$ 143,099	\$ 127,484
30										
31										
32										
33										
34		TOTAL SMART GRID - COMMON PLANT	Line 29	\$ 173,983	\$ 371,645	\$ 597,635	\$ 127,483	\$ 1,942,646	\$ 143,099	\$ 127,484
35										
36										

San Diego Gas and Electric Company
 Smart Grid Common Plant Additions
 June 2012 - August 2014

Line No	Budget Code	Project Name	In Service Date	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total	Line No
1	Smart Grid - Electric Distribution										1
2	11247	Advanced Energy Storage	Dec-12; Apr-13; Aug-13; Dec-13; Apr-14; Jul-14	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 306,540	2
3	11267	SCADA Expansion	Monthly	8,350	8,350	8,350	8,350	8,350	8,350	525,650	3
4	10271	On Ramp Wireless	Dec-12; Monthly starting in 2013	110,834	110,834	110,834	110,834	110,834	110,834	7,351,755	4
5	10875	Home Area Networks (HAN)	Nov-12; Oct-13; Aug-14	-	-	-	-	-	50,000	208,000	5
6	12249	Advanced Weather Station Integration	Dec-12	-	-	-	-	-	-	658,750	6
7	12247	Smart Isolation and Reclosing	Jul-13; Oct-13; Jan-14; Apr-14; Jul-14	-	52,740	-	-	55,480	-	149,864	7
8	TBD	Distributed Network Protocols	Dec-13	-	-	-	-	-	-	65,000	8
9	TBD	Threat and Vulnerability Management	Oct-13	-	-	-	-	-	-	250,000	9
10	TBD	Business Analytics System (BAS)	Dec-13; Aug-14	-	-	-	-	-	125,000	375,000	10
11	TBD	Security Metrics and Reporting	Dec-13	-	-	-	-	-	-	75,000	11
12	TBD	Centralized Automation Pilot	Aug-14	-	-	-	-	-	25,000	25,000	12
13	TBD	Misc. ED Smart Grid Projects with Component	Apr-13; Oct-13; Mar-14; Jun-14	133,922	-	-	133,922	-	-	482,120	13
14											14
15											15
16	Total Smart Grid - Electric Distribution		Lines 2 thru 13	253,106	221,924	119,184	253,106	224,664	319,184	10,472,679	16
17											17
18	Smart Grid - Electric Transmission										18
19	12132	Scada Expansion	Monthly	8,300	8,300	8,300	8,300	25,300	25,300	244,950	19
20	12131	ARC Detection	Dec-12; Jul-13; Jun-14	-	-	-	6,450	-	-	28,950	20
21	12129	Automated Fault Location	Dec-13	-	-	-	-	-	-	438,000	21
22	10138	Synchrophasors	Dec-12; Jan-13; Mar-13; Jun-13; Sep-13; Dec-13; Mar-14; Jun-14	244,163	-	-	244,163	-	-	4,288,675	22
23	TBD	Misc. ET Projects	Dec-13; Aug-14	-	-	-	-	-	660,000	1,320,000	23
24											24
25											25
26	Total Smart Grid - Electric Transmission		Lines 19 thru 23	252,463	8,300	8,300	258,913	25,300	685,300	6,320,575	26
27											27
28	Total SDGE Smart Grid Common Plant		Line 16 + Line 26	\$ 505,569	\$ 230,224	\$ 127,484	\$ 512,019	\$ 249,964	\$ 1,004,484	\$ 16,793,254	28
29											29
30											30
31											31
32											32
33											33
34	TOTAL SMART GRID - COMMON PLANT		Line 29	\$ 505,569	\$ 230,224	\$ 127,484	\$ 512,019	\$ 249,964	\$ 1,004,484	\$ 16,793,254	34
35											35
36											36

San Diego Gas & Electric Company

IT (Common and Electric) Forecast Plant Additions Workpapers

Docket No. ER13-____-____

San Diego Gas and Electric Company
Common IT and Electric Plant Additions
June 2012 - August 2014

Line No	Project No	Project Name	In Service Date	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
1		SDG&E Specific Projects								
2	11019	SAP CRM 7.0 Upgrade	Aug-12	\$ -	\$ -	\$ 2,701,848	\$ -	\$ -	\$ -	\$ -
3	11009	MDMA & AMMS Replacement Project	Dec-12	-	-	-	-	-	-	1,308,348
4	12034	Customer Energy Net GEN PH3A	Dec-12	-	-	-	-	-	-	1,323,365
5	11016	Performance Mgmt Reporting	Dec-12	-	-	-	-	-	-	1,764,749
6	12035	SEU Digital Signage EXPNS (SA)	Dec-12	-	-	-	-	-	-	401,706
7	11025	Telepresence Enhancement 2012	Dec-12	-	-	-	-	-	-	606,175
8	11014	MyAccount Add E2E Env	Feb-13	-	-	-	-	-	-	-
9	12033	Battery Plant Reengineer	Feb-13	-	-	-	-	-	-	-
10	12039	2012 ESS MDT	Mar-13	-	-	-	-	-	-	-
11	10021	Contact and Campaign Management	Mar-13	-	-	-	-	-	-	-
12	11013	My Account Accessibility	Mar-13	-	-	-	-	-	-	-
13	11018	SDGE WAN Rebuild Phase IV	Apr-13	-	-	-	-	-	-	-
14	11029	eServices Ph VIII	Apr-13	-	-	-	-	-	-	-
15	11007	SOA Security Refresh	Apr-13	-	-	-	-	-	-	-
16	TBD	SCG My Account Mobile 1C	Jun-13	-	-	-	-	-	-	-
17	TBD	CISCO Data Archiving / Purging	Jun-13	-	-	-	-	-	-	-
18	12032	EPS PH 2	Dec-13	-	-	-	-	-	-	-
19	12040	CAISO 2012 Initiatives	Dec-13	-	-	-	-	-	-	-
20	12050	Call-Out Replacement	Dec-13	-	-	-	-	-	-	-
21	12048	Facilities Resource Mgmt Project	Dec-13	-	-	-	-	-	-	-
22	TBD	2013 SDGE Transmission & Distribution MDT Replacement	Dec-13	-	-	-	-	-	-	-
23	TBD	Documentum Server and Software Upgrade	Dec-13	-	-	-	-	-	-	-
24	TBD	Pole Loading Calculations	Dec-13	-	-	-	-	-	-	-
25	TBD	Performance Mgmt Rptg Phase 2	Dec-13	-	-	-	-	-	-	-
26	TBD	DMV-EV Interface for Electric Load Analysis	Dec-13	-	-	-	-	-	-	-
27	TBD	GRC Phase 2	Dec-13	-	-	-	-	-	-	-
28	12042	DIIS-Dist. Intronct Info System	Dec-13	-	-	-	-	-	-	-
29	10018	SDG&E Windows 7 Platform Replacement	Jan-14	-	-	-	-	-	-	-
30	12005	IEO Small Cap	Monthly	-	-	-	-	4,730	4,730	4,730
31	12006	SDG&E Telecom Small Cap 2012	Monthly	-	-	-	-	96,000	-	-
32	12007	SDG&E Network Small Cap 2012	Monthly	-	-	-	-	-	35,000	64,000
33										
34										
35		Total SDG&E Specific Projects	Sum Lines 2 thru 32	-	-	2,701,848	-	100,730	39,730	5,473,073
36		Electric Projects								
37	12833	2012 SCADA Communications Repl	Dec-12	-	-	-	-	-	-	231,704
38	12803	Electric Grid Ops 2012	Monthly	-	-	-	-	73,149	41,650	31,604
39	TBD	Electric Grid Ops 2013-14	Monthly	-	-	-	-	-	-	-
40										
41										
42		Total Electric Misc. Intangible Projects	Sum Lines 37 thru 39	-	-	-	-	73,149	41,650	263,308
43			Lines 34 & 41	\$ -	\$ -	\$ 2,701,848	\$ -	\$ 173,879	\$ 81,380	\$ 5,736,381
44										
45										
46		IT - COMMON	Line 34	\$ -	\$ -	\$ 2,701,848	\$ -	\$ 100,730	\$ 39,730	\$ 5,473,073
47										
48										
49		IT - ELECTRIC MISC. INTANGIBLE	Line 41	-	-	-	-	73,149	41,650	263,308
50										
51		TOTAL	Lines 47 & 49	\$ -	\$ -	\$ 2,701,848	\$ -	\$ 173,879	\$ 81,380	\$ 5,736,381
52										
53										

San Diego Gas and Electric Company
Common IT and Electric Plant Additions
June 2012 - August 2014

Line No	Project No	Project Name	In Service Date	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13
1		SDG&E Specific Projects								
2	11019	SAP CRM 7.0 Upgrade	Aug-12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	11009	MDMA & AMMS Replacement Project	Dec-12	-	-	-	-	-	-	-
4	12034	Customer Energy Net CEN PH3A	Dec-12	-	-	-	-	-	-	-
5	11016	Performance Mgmt Reporting	Dec-12	-	-	-	-	-	-	-
6	12035	SEU Digital Signage EXPNS (SA)	Dec-12	-	-	-	-	-	-	-
7	11025	Telepresence Enhancement 2012	Dec-12	-	-	-	-	-	-	-
8	11014	MyAccount Add E2E Env	Feb-13	-	2,978,827	-	-	-	-	-
9	12033	Battery Plant Reengineer	Feb-13	-	926,189	-	-	-	-	-
10	12039	2012 ESS MDT	Mar-13	-	-	1,259,700	-	-	-	-
11	10021	Contact and Campaign Management	Mar-13	-	-	12,902,348	-	-	-	-
12	11013	My Account Accessibility	Mar-13	-	-	3,594,792	-	-	-	-
13	11018	SDGE WAN Rebuild Phase IV	Apr-13	-	-	-	4,974,116	-	-	-
14	11029	eServices Ph VIII	Apr-13	-	-	-	3,567,320	-	-	-
15	11007	SOA Security Refresh	Apr-13	-	-	-	4,055,947	-	-	-
16	TBD	SCG My Account Mobile 1C	Jun-13	-	-	-	-	-	2,082,000	-
17	TBD	CISCO Data Archiving / Purging	Jun-13	-	-	-	-	-	2,071,000	-
18	12032	EPS PH 2	Dec-13	-	-	-	-	-	-	-
19	12040	CA ISO 2012 Initiatives	Dec-13	-	-	-	-	-	-	-
20	12050	Call-Out Replacement	Dec-13	-	-	-	-	-	-	-
21	12048	Facilities Resource Mgmt Project	Dec-13	-	-	-	-	-	-	-
22	TBD	2013 SDGE Transmission & Distribution MDT Replacement	Dec-13	-	-	-	-	-	-	-
23	TBD	Documentum Server and Software Upgrade	Dec-13	-	-	-	-	-	-	-
24	TBD	Pole Loading Calculations	Dec-13	-	-	-	-	-	-	-
25	TBD	Performance Mgmt Rptg Phase 2	Dec-13	-	-	-	-	-	-	-
26	TBD	DMV-EV Interface for Electric Load Analysis	Dec-13	-	-	-	-	-	-	-
27	TBD	GRC Phase 2	Dec-13	-	-	-	-	-	-	-
28	12042	DIS-Dist. Intrcnct Info System	Jan-14	-	-	-	-	-	-	-
29	10018	SDG&E Windows 7 Platform Replacement	Jan-14	-	-	-	-	-	-	-
30	12005	IEO Small Cap	Monthly	-	-	-	-	-	-	-
31	12006	SDG&E Telecom Small Cap 2012	Monthly	-	-	-	-	-	-	-
32	12007	SDG&E Network Small Cap 2012	Monthly	-	-	-	-	-	-	-
33										
34										
35		Total SDG&E Specific Projects	Sum Lines 2 thru 32	-	3,905,016	17,756,840	12,597,383	-	4,153,000	-
36		Electric Projects								
37	12833	2012 SCADA Communications Repl	Dec-12	-	-	-	-	-	-	-
38	12803	Electric Grid Ops 2012	Monthly	-	-	-	-	-	-	-
39	TBD	Electric Grid Ops 2013-14	Monthly	84,000	84,000	84,000	84,000	84,000	84,000	84,000
40										
41										
42										
43		Total Electric Misc. Intangible Projects	Sum Lines 37 thru 39	84,000	84,000	84,000	84,000	84,000	84,000	84,000
44			Lines 34 & 41	\$ 84,000	\$ 3,989,016	\$ 17,840,840	\$ 12,661,383	\$ 84,000	\$ 4,237,000	\$ 84,000
45										
46										
47										
48		IT - COMMON	Line 34	\$ -	\$ 3,905,016	\$ 17,756,840	\$ 12,597,383	\$ -	\$ 4,153,000	\$ -
49			Line 41	84,000	84,000	84,000	84,000	84,000	84,000	84,000
50		IT - ELECTRIC MISC. INTANGIBLE	Lines 47 & 49	\$ 84,000	\$ 3,989,016	\$ 17,840,840	\$ 12,661,383	\$ 84,000	\$ 4,237,000	\$ 84,000
51										
52		TOTAL								
53										

San Diego Gas and Electric Company
Common IT and Electric Plant Additions
June 2012 - August 2014

Line No	Project No	Project Name	In Service Date	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
1		SDG&E Specific Projects								
2	11019	SAP CRM 7.0 Upgrade	Aug-12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	11009	MIDMA & AMMS Replacement Project	Dec-12	-	-	-	-	-	-	-
4	12034	Customer Energy Net CEN PH3A	Dec-12	-	-	-	-	-	-	-
5	11016	Performance Mgmt Reporting	Dec-12	-	-	-	-	-	-	-
6	12035	SEU Digital Signage EXPNS (SA)	Dec-12	-	-	-	-	-	-	-
7	11025	Telepresence Enhancement 2012	Dec-12	-	-	-	-	-	-	-
8	11014	MyAccount Add E2E Env	Feb-13	-	-	-	-	-	-	-
9	12033	Battery Plant Reengineer	Feb-13	-	-	-	-	-	-	-
10	12039	2012 ESS MDT	Mar-13	-	-	-	-	-	-	-
11	10021	Contact and Campaign Management	Mar-13	-	-	-	-	-	-	-
12	11013	My Account Accessibility	Mar-13	-	-	-	-	-	-	-
13	11018	SDGE WAN Rebuild Phase IV	Apr-13	-	-	-	-	-	-	-
14	11029	eServices Ph VIII	Apr-13	-	-	-	-	-	-	-
15	11007	SOA Security Refresh	Apr-13	-	-	-	-	-	-	-
16	TBD	SCG My Account Mobile 1C	Jun-13	-	-	-	-	-	-	-
17	TBD	CISCO Data Archiving / Purging	Jun-13	-	-	-	-	-	-	-
18	12032	EPS PH 2	Dec-13	-	-	-	-	1,315,801	-	-
19	12040	CA.ISO 2012 Initiatives	Dec-13	-	-	-	-	2,606,495	-	-
20	12050	Call-Out Replacement	Dec-13	-	-	-	-	1,000,000	-	-
21	12048	Facilities Resource Mgmt Project	Dec-13	-	-	-	-	863,822	-	-
22	TBD	2013 SDGE Transmission & Distribution MDT Replacement	Dec-13	-	-	-	-	737,000	-	-
23	TBD	Documentum Server and Software Upgrade	Dec-13	-	-	-	-	1,103,000	-	-
24	TBD	Pole Loading Calculations	Dec-13	-	-	-	-	882,000	-	-
25	TBD	Performance Mgmt Rptg Phase 2	Dec-13	-	-	-	-	2,428,000	-	-
26	TBD	DMV-EV interface for Electric Load Analysis	Dec-13	-	-	-	-	557,000	-	-
27	TBD	GRC Phase 2	Dec-13	-	-	-	-	555,000	-	-
28	12042	DIS-Dist. Intronct Info System	Jan-14	-	-	-	-	-	4,298,734	-
29	10018	SDG&E Windows 7 Platform Replacement	Jan-14	-	-	-	-	-	10,755,838	-
30	12005	IEO Small Cap	Monthly	-	-	-	-	-	-	-
31	12006	SDG&E Telecom Small Cap 2012	Monthly	-	-	-	-	-	-	-
32	12007	SDG&E Network Small Cap 2012	Monthly	-	-	-	-	-	-	-
33										
34										
35		Total SDG&E Specific Projects	Sum Lines 2 thru 32	-	-	-	-	12,048,118	15,054,572	-
36		Electric Projects								
37	12833	2012 SCADA Communications Repl	Dec-12	-	-	-	-	-	-	-
38	12803	Electric Grid Ops 2012	Monthly	-	-	-	-	-	-	-
39	TBD	Electric Grid Ops 2013-14	Monthly	84,000	84,000	84,000	84,000	84,000	84,000	84,000
40										
41										
42										
43		Total Electric Misc. Intangible Projects	Sum Lines 37 thru 39	84,000	84,000	84,000	84,000	84,000	84,000	84,000
44			Lines 34 & 41	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 12,132,118	\$ 15,138,572	\$ 84,000
45										
46										
47		IT - COMMON	Line 34	\$ -	\$ -	\$ -	\$ -	\$ 12,048,118	\$ 15,054,572	\$ -
48										
49		IT - ELECTRIC MISC. INTANGIBLE	Line 41	84,000	84,000	84,000	84,000	84,000	84,000	84,000
50										
51		TOTAL	Lines 47 & 49	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 12,132,118	\$ 15,138,572	\$ 84,000
52										
53										

San Diego Gas and Electric Company
Common IT and Electric Plant Additions
June 2012 - August 2014

Line No	Project No	Project Name	In Service Date	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total	Line No
1	SDG&E Specific Projects										
2	11019	SAP CRM 7.0 Upgrade	Aug-12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,701,848	1
3	11009	MDMA & AMMS Replacement Project	Dec-12	-	-	-	-	-	-	1,308,348	2
4	12034	Customer Energy Net CEN PH3A	Dec-12	-	-	-	-	-	-	1,323,365	3
5	11016	Performance Mgmt Reporting	Dec-12	-	-	-	-	-	-	1,764,749	4
6	12035	SEU Digital Signage EXPNS (SA)	Dec-12	-	-	-	-	-	-	401,706	5
7	11025	Telepresence Enhancement 2012	Dec-12	-	-	-	-	-	-	606,175	6
8	11014	MyAccount Add E2E Env	Feb-13	-	-	-	-	-	-	2,978,827	7
9	12033	Battery Plant Reengineer	Feb-13	-	-	-	-	-	-	926,189	8
10	12039	2012 ESS MDT	Mar-13	-	-	-	-	-	-	1,259,700	9
11	10021	Contact and Campaign Management	Mar-13	-	-	-	-	-	-	12,902,348	10
12	11013	My Account Accessibility	Mar-13	-	-	-	-	-	-	3,594,792	11
13	11018	SDGE WAN Rebuild Phase IV	Apr-13	-	-	-	-	-	-	4,974,116	12
14	11029	eServices Ph VIII	Apr-13	-	-	-	-	-	-	3,567,320	13
15	11007	SOA Security Refresh	Apr-13	-	-	-	-	-	-	4,055,947	14
16	TBD	SCG My Account Mobile 1C	Jun-13	-	-	-	-	-	-	2,082,000	15
17	TBD	CISCO Data Archiving / Purging	Jun-13	-	-	-	-	-	-	2,071,000	16
18	12032	EPS PH 2	Dec-13	-	-	-	-	-	-	1,315,801	17
19	12040	CA ISO 2012 Initiatives	Dec-13	-	-	-	-	-	-	2,606,495	18
20	12050	Call-Out Replacement	Dec-13	-	-	-	-	-	-	1,000,000	19
21	12048	Facilities Resource Mgmt Project	Dec-13	-	-	-	-	-	-	863,822	20
22	TBD	2013 SDGE Transmission & Distribution MDT Replacement	Dec-13	-	-	-	-	-	-	737,000	21
23	TBD	Documentum Server and Software Upgrade	Dec-13	-	-	-	-	-	-	1,103,000	22
24	TBD	Pole Loading Calculations	Dec-13	-	-	-	-	-	-	882,000	23
25	TBD	Performance Mgmt Rptg Phase 2	Dec-13	-	-	-	-	-	-	2,428,000	24
26	TBD	DMV-EV Interface for Electric Load Analysis	Dec-13	-	-	-	-	-	-	557,000	25
27	TBD	GRC Phase 2	Dec-13	-	-	-	-	-	-	555,000	26
28	12042	DIIS-Dist. Intrcnct Info System	Jan-14	-	-	-	-	-	-	4,298,734	27
29	10018	SDG&E Windows 7 Platform Replacement	Jan-14	-	-	-	-	-	-	10,755,838	28
30	12005	IEO Small Cap	Monthly	-	-	-	-	-	-	14,190	29
31	12006	SDG&E Telecom Small Cap 2012	Monthly	-	-	-	-	-	-	96,000	30
32	12007	SDG&E Network Small Cap 2012	Monthly	-	-	-	-	-	-	99,000	31
33			Sum Lines 2 thru 32	-	-	-	-	-	-	73,830,310	32
34				-	-	-	-	-	-		33
35				-	-	-	-	-	-		34
36	Electric Projects										35
37	12833	2012 SCADA Communications Repl	Dec-12	-	-	-	-	-	-	231,704	36
38	12803	Electric Grid Ops 2012	Monthly	-	-	-	-	-	-	146,403	37
39	TBD	Electric Grid Ops 2013-14	Monthly	84,000	84,000	84,000	84,000	84,000	84,000	1,680,000	38
40				84,000	84,000	84,000	84,000	84,000	84,000		39
41				84,000	84,000	84,000	84,000	84,000	84,000		40
42				84,000	84,000	84,000	84,000	84,000	84,000		41
43	TOTAL	Total Electric Misc. Intangible Projects	Lines 34 & 41	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 75,888,417	42
44											43
45											44
46	IT - COMMON		Line 34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,830,310	45
47											46
48											47
49	IT - ELECTRIC MISC. INTANGIBLE		Line 41	84,000	84,000	84,000	84,000	84,000	84,000	2,058,107	48
50				84,000	84,000	84,000	84,000	84,000	84,000		49
51	TOTAL		Lines 47 & 49	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 75,888,417	50
52											51
53											52

San Diego Gas & Electric Company

Smart Pricing Program (SPP)

IT Forecast

Plant Additions

Workpapers

Docket No. ER13-____-____

San Diego Gas and Electric Company
 Smart Pricing Program (SPP) IT Addition
 June 2012 - August 2014

Line No	Smart Pricing Program (SPP) IT Plant Addition	In Service Date	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13
1	SPP - Stage 2 ¹	Oct-13									
2	Hardware										
3											
4	Total Smart Pricing Program IT	Line 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5											
6											
7											
8											
9	TOTAL HARDWARE - GENERAL PLANT	Line 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10											
11											

¹ Enabling billing for new rate options through CISCO; automating eligibility, enrollment, anniversary management and event day notifications through SAP/CRM; and providing customers with rate option comparison in the Aclara online tool.

San Diego Gas and Electric Company
 Smart Pricing Program (SPP) IT Addition
 June 2012 - August 2014

Line No	Smart Pricing Program (SPP) IT Plant Addition	In Service Date	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
1	SPP - Stage 2 ¹	Oct-13										
2	Hardware									\$ 14,770		
3												
4	Total Smart Pricing Program IT	Line 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,770	\$ -	\$ -
5												
6												
7												
8												
9	TOTAL HARDWARE - GENERAL PLANT	Line 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,770	\$ -	\$ -
10												
11												

¹ Enabling billing for new rate options through CISCO; automating eligibility, enrollment, anniversary management and event day notifications through SAP/CRM; and providing customers with rate option comparison in the Aclara online tool.

San Diego Gas and Electric Company
 Smart Pricing Program (SPP) IT Addition
 June 2012 - August 2014

Line No	Smart Pricing Program (SPP) IT Plant Addition	In Service Date	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total	Line No	
1	SPP - Stage 2 ¹ Hardware	Oct-13										1	
2											\$ 14,770	2	
3													3
4	Total Smart Pricing Program IT	Line 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,770	4	
5													5
6													6
7												7	
8	TOTAL HARDWARE - GENERAL PLANT	Line 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,770	8	
9													9
10													10
11												11	

¹ Enabling billing for new rate options through CISCO; automating eligibility, enrollment, anniversary management and event day notifications through SAP/CRM; and providing customers with rate option comparison in the Aclara online tool.

San Diego Gas & Electric Company

High Voltage-Low Voltage Summary of Plant Allocation Study

Docket No. ER13-____-____

SAN DIEGO GAS & ELECTRIC COMPANY
SUMMARY OF HV - LV TRANSMISSION PLANT ALLOCATION STUDY
TRANSMISSION PLANT BALANCE AS OF MAY 31, 2012
(\$1,000)

Line No.	Column A	Column B		Column C	
		\$'s in TRANSMISSION Total	VOLTAGE < 200 kv	VOLTAGE > 200 kv	Line No.
1	IMPERIAL VALLEY SUBSTATION 500>230KV	\$ 132,891	-	\$ 132,891	1
2	SAN ONOFRE 230KV SUBSTATION	16,382	-	16,382	2
3	MIGUEL 500/230/138/69KV SUBSTATION	97,868	7,979	89,889	3
4	SYCAMORE CANYON 230/69KV SUBSTATION	46,144	22,471	23,673	4
5	ESCONDIDO 230/138/69/12KV SUBSTATION	25,279	14,408	10,871	5
6	OLD TOWN 230KV SUBSTATION	6,017	62	5,955	6
7	OLD TOWN 69/12/4KV SUBSTATION	10,486	10,486	-	7
8	MISSION 230KV SUBSTATION	10,108	79	10,029	8
9	MISSION 138/69/12KV SUBSTATION	18,967	18,967	-	9
10	TALEGA 230/138KV SUBSTATION (230 PORTION ONLY)	4,477	-	4,477	10
11	TALEGA 230/138 KV SUBSTATION	41,868	36,911	4,957	11
12	PENASQUITOS 230KV SUBSTATION	25,131	154	24,977	12
13	PENASQUITOS 138/69KV SUBSTATION	19,527	19,527	-	13
14	ENCINA 230KV SUBSTATION	9,201	-	9,201	14
15	ENCINA PP 138/12KV SUBSTATION	5,423	5,423	-	15
16	NO GILA 500KV SUBSTATION	7,076	-	7,076	16
17	PALO VERDE 500KV SUBSTATION	5,326	-	5,326	17
18	SAN LUIS REY 230/69/12KV SUBSTATION	40,716	16,267	24,449	18
19	PALOMAR ENERGY SWITCHYARD	9,660	-	9,660	19
20	OTAY MESA SWITCHYARD	13,661	-	13,661	20
21	SILVERGATE 230/69KV SUBSTATION	72,441	22,457	49,984	21
22	TOTAL LV SUBSTATIONS	229,068	229,068	-	22
23	TOTAL SUBSTATIONS	847,717	404,259	443,458	23
24	TRANSMISSION TOWERS and LAND	996,329	642,775	353,554	24
25	TOTAL TRANSMISSION PLANT	(a) \$ 1,844,046	\$ 1,047,034	\$ 797,012	25
26	PERCENTAGES	100.00%	56.78%	43.22%	26
27			Col. B, Line 25 / Col. A, Line 25	Col. C, Line 25 / Col. A, Line 25	27

(a) Ties to Statement AD Workpapers, Page AD-6, Col. 2, Line 13, that is, Line 25 Col. A shown above ties to the ratemaking plant in service.

San Diego Gas & Electric Company

Comparison of CAISO Average HV & LV Rates TO4 Cycle 1 vs. TO3-Cycle 6 Supplemental Filing

TO4-Cycle 1 Formulaic Rate Filing
SAN DIEGO GAS & ELECTRIC COMPANY
Comparison of CAISO Average HV-LV Rates

TO4-Cycle 1 Informational Filing vs. TO3-Cycle 6 Informational Filing

Line No.	Components	(1)	(2)	(3) = (1) + (2)	Notes & Reference
		Total High Voltage TRR	Total Low Voltage TRR	Combined TRR	
1					TO4-Cycle 1 - Filing
2	Wholesale Base TRR - TO4 Cycle 1 ¹	\$ 421,987,000	\$ 233,864,000	\$ 655,851,000	Vol. 4; Stmt BK2; Pg.2; Ln. 35
3	Gross Load Forecast - Cycle 6 (MWH)	21,516,679	21,516,679	21,516,679	Vol. 4; Stmt BD; Pg.1; Ln. 14
4	Average Rate Per MWH	\$ 19.61209	\$ 10.86896	\$ 30.48105	Line 2 / Line 3
5					
6					Cycle 6 - Informational Filing
7	Wholesale Base TRR - TO3 Cycle 6 ²	\$ 407,112,000	\$ 201,703,000	\$ 608,815,000	Vol. 2; Stmt BK2; Pg.8; Ln. 15
8	Gross Load Forecast - Cycle 6 (MWH) ³	21,266,400	21,266,400	21,266,400	Vol. 1; Stmt BD; Pg.1; Ln. 14
9	Average Rate Per MWH	\$ 19.14344	\$ 9.48459	\$ 28.62802	Line 7 / Line 8
10					
11					
12	\$ Change in Average (\$/MWH)	\$ 0.46865	\$ 1.38437	\$ 1.85303	Line 4 Minus Line 9
13	% Change in Average (\$/MWH)	2.45%	14.60%	6.47%	Line 12 / Line 9
14					
1	Information comes from SDG&E's TO4-Cycle 1 Informational filing.				
2	Information comes from SDG&E's Cycle 6 Informational Filing in FERC docket number ER12-2454-000, filed with the FERC on August 15, 2012.				