

Application of SOUTHERN CALIFORNIA GAS)
COMPANY for authority to update its gas and)
electric revenue requirement and base rates)
effective January 1, 2016 (U 904-G))

Application No. 14-11-004
Exhibit No: (SCG-28-WP-R)

REVISED
WORKPAPERS TO
PREPARED DIRECT TESTIMONY OF RAGAN G. REEVES
ON BEHALF OF SOUTHERN CALIFORNIA GAS COMPANY
BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

MARCH 2015



Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Southern California Gas Company Tax Index

Workbook File Name: [taxSCG.xls](#)

Workbook Description: The purpose of this workbook is to calculate federal and state income taxes, ad valorem taxes, and payroll taxes for the 2016 GRC filing.

Worksheet

#	<u>Worksheet Name</u>	<u>Worksheet Description</u>
1	Output for Access	The Access Database will pick up the payroll tax rate from this tab.
2	IncomeTax Inputs	Input sheet for 2016 cells that can be changed.
3	2016IncomeTaxes	2016 income tax calculation.
4	2015IncomeTaxes	2015 income tax calculation.
5	2014IncomeTaxes	2014 income tax calculation.
6	2013IncomeTaxes	2013 income tax calculation.
7	Fed&StateTaxDepr	Summary sheet for forecasted depreciation on adds.
8	2016RMBLMDepronAdds	2016 RM BLM depreciation calculation on forecasted capital additions.
9	2016StateDepronAdds	2016 State depreciation calculation on forecasted capital additions
10	2015RMBLMDepronAdds	2015 RM BLM depreciation calculation on forecasted capital additions.
11	2015StateDepronAdds	2015 State depreciation calculation on forecasted capital additions
12	2014RMBLMDepronAdds	2014 RM BLM depreciation calculation on forecasted capital additions.
13	2014StateDepronAdds	2014 State depreciation calculation on forecasted capital additions
14	ADValorem	Property tax projection on capital additions.
15	ADValorem Rate Inflation	Property tax average tax rate forecast.
16	PayrollTaxes	Payroll tax calculation.
17	Composite Payroll Tax Rate	Payroll tax rate calculation.
18	Franchise Fee Factor	Derivation of franchise fee percentage factor.
19	Franchise Fee Rate Calculation	Franchise fee rate forecast.

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Payroll Tax

Company Code	Company	Fiscal Year	Description	Revised Payroll Tax Ratio
Co_Code	Company	Fiscal_Year	Ovh_Desc	OHLaborAdj
2200	SCG	2016	Payroll Tax	7.63%

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

	Projected			Actual 2013
	2016	2015	2014	
FEDERAL ADJUSTMENTS: Addback (Deduct)				
Cost of Removal-Pre '81 Property	(6,423)	(6,423)	(6,423)	(5,604)
Deductible Repairs	(88,812)	(87,477)	(87,360)	(107,822)
Software Dev	(51,512)	(66,236)	(56,930)	(68,600)
Other-Credit Addback	15	15	15	540
CCFT				(24,316)
Federal & State Credits	(15)	(15)	(15)	(1,883)
ITC	(1,945)	(2,133)	(2,199)	(2,316)
ARAM	(654)	(675)	(622)	(626)
Preferred Dividend Deduction	(517)	(517)	(517)	(517)
Other Deductions and Additions	-	-	-	0
STATE ADJUSTMENTS:				
Cost of Removal-Pre '81 Property	(17,144)	(17,144)	(17,144)	(14,968)
Deductible Repairs	(88,812)	(87,477)	(87,360)	(107,822)
Software Dev	(51,512)	(66,236)	(56,930)	(68,600)
Other-Credit Addback	0	0	0	1,343
Preferred Dividend Deduction	(517)	(517)	(517)	(517)
Other Deductions and Additions				
Unamortized ITC	11,505	13,450	15,583	17,781
FEDERAL STATUTORY RATE	35.00%	35%	35%	35%
STATE STATUTORY RATE	8.84%	8.84%	8.84%	8.84%
Payroll Tax Ratio	7.63%	7.59%	7.57%	7.56%
Ad Valorem Tax Ratio	1.2644594%	1.2576663%	1.2508731%	1.2440800%
Deductible Repairs Ratio	31.53%	31.53%	31.53%	
Taxable CIAC Percentage	64.26%	64.26%	64.26%	
Gross-Up Factor	35.00%	35.00%	22.00%	
ITCCA (CIAC Amortization)	1,444	1,382	1,335	
Forecasted CAC Forfeitures	(9,084)	(9,244)	(9,399)	
ITCCA (CAC Amortization)	2,037	1,852	1,714	

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

		<u>2016</u>	
RATEBASE		4,265,837	
ROR	x	<u>8.02%</u>	
Net Operating Income (Return)			342,120
RATEBASE		4,265,837	
WACost of Debt	x	<u>2.63%</u>	
Interest		(112,192)	
FEDERAL ADJUSTMENTS:			
Tax Depreciation	(307,371)	(107,580)	
Fixed Charges - Operating (Interest Expense)	(112,192)	(39,267)	
Pref'd Dvdnd Ded & Credit Addback	(502)	(176)	
Cost of Removal	(6,423)	(2,248)	
Deductible Repairs	(88,812)	(31,084)	
Software Dev	(51,512)	(18,029)	
Ad Valorem Tax - Fiscal/Calendar	(2,493)	(872)	
P/Y CCFT	<u>(9,720)</u>	<u>(3,402)</u>	
Total Federal Tax Adj. (Deduction)	(579,025)		(202,659)
STATE ADJUSTMENTS:			
Tax Depreciation	(434,565)	(38,416)	
Fixed Charges - Operating (Interest Expense)	(111,889)	(9,891)	
Pref'd Dvdnd Ded & Credit Addback	(517)	(46)	
Cost of Removal	(17,144)	(1,516)	
Deductible Repairs	(88,812)	(7,851)	
Software Dev Costs	(51,512)	(4,554)	
Ad Valorem Tax - Fiscal/Calendar	<u>(2,493)</u>	<u>(220)</u>	
Total State Tax Adj. (Deduction)	(706,932)		(62,493)
Adjustments			
ITC Amortization		(1,945)	
ARAM		(654)	
Other		<u>(15)</u>	
			<u>(2,614)</u>
TOTAL			<u><u>74,355</u></u>

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

		<u>2015</u>	
RATEBASE		<u>3,786,485</u>	
ROR		<u>8.02%</u>	
Net Operating Income (Return)			303,676
RATEBASE		3,786,485	
WACost of Debt		<u>2.63%</u>	
Interest		(99,585)	
FEDERAL ADJUSTMENTS:			
Tax Depreciation	(320,910)	(112,318)	
Fixed Charges - Operating (Interest Expense)	(99,585)	(34,855)	
Pref'd Dvdnd Ded & Credit Addback	(502)	(176)	
Cost of Removal	(6,423)	(2,248)	
Deductible Repairs	(87,477)	(30,617)	
Software Dev	(66,236)	(23,183)	
Ad Valorem Tax - Fiscal/Calendar	(1,156)	(405)	
P/Y CCFT	<u>(7,438)</u>	<u>(2,603)</u>	
Total Federal Tax Adj. (Deduction)	(589,727)		(206,405)
STATE ADJUSTMENTS:			
Tax Depreciation	(432,109)	(38,198)	
Fixed Charges - Operating (Interest Expense)	(99,231)	(8,772)	
Pref'd Dvdnd Ded & Credit Addback	(517)	(46)	
Cost of Removal	(17,144)	(1,516)	
Deductible Repairs	(87,477)	(7,733)	
Software Dev Costs	(66,236)	(5,855)	
Ad Valorem Tax - Fiscal/Calendar	<u>(1,156)</u>	<u>(102)</u>	
Total State Tax Adj. (Deduction)	(703,870)		(62,222)
Adjustments			
ITC Amortization		(2,133)	
ARAM		(675)	
Other		<u>(15)</u>	
			<u>(2,823)</u>
TOTAL			<u><u>32,226</u></u>

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

		<u>2014</u>	
RATEBASE		<u>3,536,968</u>	
ROR	x	<u>8.02%</u>	
Net Operating Income (Return)			283,665
RATEBASE		3,536,968	
WACost of Debt	x	<u>2.63%</u>	
Interest		(93,022)	
FEDERAL ADJUSTMENTS:			
Tax Depreciation	(302,090)	(105,731)	
Fixed Charges - Operating (Interest Expense)	(93,022)	(32,558)	
Pref'd Dvdnd Ded & Credit Addback	(502)	(176)	
Cost of Removal	(6,423)	(2,248)	
Deductible Repairs	(87,360)	(30,576)	
Software Dev	(56,930)	(19,926)	
Ad Valorem Tax - Fiscal/Calendar	(2,993)	(1,047)	
P/Y CCFT	<u>(4,237)</u>	<u>(1,483)</u>	
Total Federal Tax Adj. (Deduction)	(553,557)		(193,745)
STATE ADJUSTMENTS:			
Tax Depreciation	(415,669)	(36,745)	
Fixed Charges - Operating (Interest Expense)	(92,612)	(8,187)	
Pref'd Dvdnd Ded & Credit Addback	(517)	(46)	
Cost of Removal	(17,144)	(1,516)	
Deductible Repairs	(87,360)	(7,723)	
Software Dev Costs	(56,930)	(5,033)	
Ad Valorem Tax - Fiscal/Calendar	(2,993)	(265)	
Total State Tax Adj. (Deduction)	(673,225)		(59,513)
Adjustments			
ITC Amortization		(2,199)	
ARAM		(622)	
Other		<u>(15)</u>	
			<u>(2,836)</u>
TOTAL			<u><u>27,571</u></u>

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

		<u>2013</u>	
RATEBASE		<u>3,343,068</u>	
ROR	x	<u>8.02%</u>	
Net Operating Income (Return)			268,114
RATEBASE		3,343,068	
WACost of Debt	x	<u>2.63%</u>	
Interest		(87,923)	
FEDERAL ADJUSTMENTS:			
BLM Tax Depreciation	(279,441)	(97,804)	
Fixed Charges - Operating (Interest Expense)	(87,923)	(30,773)	
Pref'd Dvdnd Ded & Credit Addback	23	8	
Cost of Removal	(5,604)	(1,961)	
Deductible Repairs	(107,822)	(37,738)	
Software Dev	(68,600)	(24,010)	
Ad Valorem Tax - Fiscal/Calendar	1,102	386	
P/Y CCFT	(24,316)	(8,511)	
Total Federal Tax Adj. (Deduction)	<u>(572,581)</u>	<u>(8,511)</u>	(200,403)
STATE ADJUSTMENTS:			
Tax Depreciation	(341,205)	(30,163)	
Fixed Charges - Operating (Interest Expense)	(87,455)	(7,731)	
Pref'd Dvdnd Ded & Credit Addback	826	73	
Cost of Removal	(14,968)	(1,323)	
Deductible Repairs	(107,822)	(9,531)	
Software Dev Costs	(68,600)	(6,064)	
Ad Valorem Tax - Fiscal/Calendar	1,102	97	
Total State Tax Adj. (Deduction)	<u>(618,122)</u>	<u>97</u>	(54,642)
Adjustments			
ITC Amortization		(2,316)	
ARAM		(626)	
Other - Credits (Not to include credit addbacks)		<u>(1,883)</u>	
			<u>(4,825)</u>
TOTAL			<u><u>8,243</u></u>

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

BLM Depr - Area 99

Federal Tax Depreciation

	2013	2014	2015	2016
Pre-2014 Vintages	279,441	291,508	281,266	244,241
2014 Additions	-	10,582	30,738	28,969
2015 Additions	-		8,906	26,308
2016 Additions	-			7,854
Total Tax Depreciation Expense	<u>279,441</u>	<u>302,090</u>	<u>320,910</u>	<u>307,371</u>

State Tax Depreciation

	2013	2014	2015	2016
Pre-2014 Vintages	341,205	381,961	346,701	289,832
2014 Additions	-	33,708	54,684	45,870
2015 Additions	-		30,723	53,137
2016 Additions	-			45,726
Total Tax Depreciation Expense	<u>341,205</u>	<u>415,669</u>	<u>432,109</u>	<u>434,565</u>

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Property & Acct.	2016 Vintage FORECAST	AFUDC	Cap Interest	Software & Repairs	Other Basis Adj.	TAX INVEST. FORECAST	2016 RM BLM DEPR.	2016 Depreciation For 2016 Additions	$\left(\begin{array}{l} \text{2016 Tax} \\ \text{Investment} \\ \text{Forecast} \end{array} - \begin{array}{l} \text{Other} \\ \text{Basis} \\ \text{Adjustments} \end{array} \right) /$	2016 Vintage Forecast	=	2016 RM BLM Depr on 2016 Adds
Distribution TC 49.21												
376-387	402,334	(7,330)	3,358	(70,077)	0	328,285	3,640	4,461	$\left(\begin{array}{l} 328,285 \\ - \\ 0 \end{array} \right) /$	402,334	=	3,640
	<u>402,334</u>	<u>(7,330)</u>	<u>3,358</u>	<u>(70,077)</u>	<u>0</u>	<u>328,285</u>	<u>3,640</u>					
Capital Tools TC 49.21												
394	11,755	(21)	10	0	0	11,744	258	258	$\left(\begin{array}{l} 11,744 \\ - \\ 0 \end{array} \right) /$	11,755	=	258
	<u>11,755</u>	<u>(21)</u>	<u>10</u>	<u>0</u>	<u>0</u>	<u>11,744</u>	<u>258</u>					
Office Furn. TC 00.11												
391	0	0	0	0	0	0	0	0	$\left(\begin{array}{l} 0 \\ - \\ 0 \end{array} \right) /$	0	=	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>					
Data Equip TC 00.13												
391.1	0	0	0	0	0	0	0	0	$\left(\begin{array}{l} 0 \\ - \\ 0 \end{array} \right) /$	0	=	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>					
Computer Equipment TC 00.12												
391	72,304	(3,690)	1,691	0	0	70,304	1,472	1,514	$\left(\begin{array}{l} 70,304 \\ - \\ 0 \end{array} \right) /$	72,304	=	1,472
	<u>72,304</u>	<u>(3,690)</u>	<u>1,691</u>	<u>0</u>	<u>0</u>	<u>70,304</u>	<u>1,472</u>					
Underground Storage TC 49.24												
350, 352-358	83,796	(7,065)	3,236	0	0	79,967	870	911	$\left(\begin{array}{l} 79,967 \\ - \\ 0 \end{array} \right) /$	83,796	=	870
	<u>83,796</u>	<u>(7,065)</u>	<u>3,236</u>	<u>0</u>	<u>0</u>	<u>79,967</u>	<u>870</u>					
Transmission TC 49.24B												
367-371	209,490	(8,816)	4,039	(18,735)	0	185,977	1,117	1,258	$\left(\begin{array}{l} 185,977 \\ - \\ 0 \end{array} \right) /$	209,490	=	1,117
	<u>209,490</u>	<u>(8,816)</u>	<u>4,039</u>	<u>(18,735)</u>	<u>0</u>	<u>185,977</u>	<u>1,117</u>					
Buildings TC 65												
351, 366, 375, 390	43,199	(1,683)	771	0	0	42,287	278	284	$\left(\begin{array}{l} 42,287 \\ - \\ 0 \end{array} \right) /$	43,199	=	278
	<u>43,199</u>	<u>(1,683)</u>	<u>771</u>	<u>0</u>	<u>0</u>	<u>42,287</u>	<u>278</u>					
Land Imp TC 00.3												
390	0	0	0	0	0	0	0	0	$\left(\begin{array}{l} 0 \\ - \\ 0 \end{array} \right) /$	0	=	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>					
Communication Equipmt TC 48.14												
397	62,751	(5,390)	2,469	0	0	59,830	77	81	$\left(\begin{array}{l} 59,830 \\ - \\ 0 \end{array} \right) /$	62,751	=	77
	<u>62,751</u>	<u>(5,390)</u>	<u>2,469</u>	<u>0</u>	<u>0</u>	<u>59,830</u>	<u>77</u>					
Land&Other												
	0	0	0	0	0	0	0	0	$\left(\begin{array}{l} 0 \\ - \\ 0 \end{array} \right) /$	0	=	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>					
Software												
	96,068	(6,223)	2,851	(88,113)	0	4,583	142	2,971	$\left(\begin{array}{l} 4,583 \\ - \\ 0 \end{array} \right) /$	96,068	=	142
	<u>96,068</u>	<u>(6,223)</u>	<u>2,851</u>	<u>(88,113)</u>	<u>0</u>	<u>4,583</u>	<u>142</u>					
TOTALS	981,697	(40,218)	18,424	(176,926)	0	782,976	7,854	11,739				

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

STATE DEPRECIATION CALCULATION

METHOD >>>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	150DB	SL	200DB	200DB	SL				
LIFE >>>>>>>	35 Yr	22 Yr	22 Yr	10 Yr	6 Yr	35 Yr	45 Yr	45 Yr	6 Yr	6 Yr	3 Yr				
	Distrib	UGS Rights /Trans	Trans R/W	Office Furn	Data Hndng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Adds	Sub-Total	Other	Land	TOTAL
Asset Class															
ADDITIONS	402,334	83,796	209,490	0	0	11,755	0	43,199	62,751	72,304	96,068	981,697	0	(0)	981,697
AFUDC	(7,330)	(7,065)	(8,816)	0	0	(21)	0	(1,683)	(5,390)	(3,690)	(6,223)	(40,218)	0	0	(40,218)
CAP INT & TAXES	3,358	3,236	4,039	0	0	10	0	771	2,469	1,691	2,851	18,424	0	0	18,424
SOFTWARE & REPA	(70,077)	0	(18,735)	0	0	0	0	0	0	0	(88,113)	(176,926)	0	0	(176,926)
TAX BASIS	328,285	79,967	185,977	0	0	11,744	0	42,287	59,830	70,304	4,583	782,976	0	(0)	<u>782,976</u>
YR 1 RATE	2.857%	4.546%	4.546%	10.000%	16.667%	2.857%	1.667%	1.667%	16.667%	16.667%	33.333%				
DEPR.	9,379	3,635	8,455	0	0	336	0	705	9,972	11,718	1,528	45,726		2016	
YR 2 RATE	5.551%	8.678%	8.678%	18.000%	27.778%	5.551%	3.278%	3.278%	27.778%	27.778%	33.333%				
DEPR.	18,223	6,940	16,139	0	0	652	0	1,386	16,620	19,529	1,528	81,016		2017	
YR 3 RATE	5.234%	7.890%	7.890%	14.400%	18.519%	5.234%	3.169%	3.169%	18.519%	18.519%	33.333%				
DEPR.	17,182	6,309	14,674	0	0	615	0	1,340	11,080	13,020	1,528	65,747		2018	
YR 4 RATE	4.935%	7.173%	7.173%	11.520%	12.346%	4.935%	3.063%	3.063%	12.346%	12.346%	0.000%				
DEPR.	16,201	5,736	13,340	0	0	580	0	1,295	7,387	8,680	0	53,218		2019	
YR 5 RATE	4.653%	6.521%	6.521%	9.216%	9.876%	4.653%	2.961%	2.961%	9.216%	9.216%					
DEPR.	15,275	5,215	12,128	0	0	546	0	1,252	5,514	6,479		46,409		2020	
YR 6 RATE	4.387%	5.928%	5.928%	7.373%	9.876%	4.387%	2.863%	2.863%	7.373%	7.373%					
DEPR.	14,402	4,740	11,025	0	0	515	0	1,211	4,411	5,184		41,488		2021	
YR 7 RATE	4.137%	5.389%	5.389%	6.554%	4.938%	4.137%	2.767%	2.767%	6.554%	6.554%					
DEPR.	13,581	4,309	10,022	0	0	486	0	1,170	3,921	4,608		38,098		2022	
YR 8 RATE	3.901%	4.899%	4.899%	6.554%	0.000%	3.901%	2.675%	2.675%	6.554%	6.554%					
DEPR.	12,806	3,918	9,111	0	0	458	0	1,131	3,921	4,608		35,953		2023	

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Property & Acct.	2015 Vintage FORECAST	AFUDC	Cap Interest	Software & Repairs	Other Basis Adj.	TAX INVEST. FORECAST	2015 RM BLM DEPR.	2016 RM BLM DEPR.	2015 Depreciation For 2015 Additions	$\left(\begin{array}{l} 2015 \text{ Tax} \\ \text{Investment} \\ \text{Forecast} \end{array} - \begin{array}{l} \text{Other} \\ \text{Basis} \\ \text{Adjustments} \end{array} \right)$	$\left(\begin{array}{l} 2015 \\ \text{Vintage} \\ \text{Forecast} \end{array} = \begin{array}{l} 2015 \text{ RM} \\ \text{BLM Depn} \\ \text{on 2015} \\ \text{Adds} \end{array} \right)$	2016 Depreciation For 2015 Additions	$\left(\begin{array}{l} 2015 \text{ Tax} \\ \text{Investment} \\ \text{Forecast} \end{array} - \begin{array}{l} \text{Other} \\ \text{Basis} \\ \text{Adjustments} \end{array} \right)$	$\left(\begin{array}{l} 2015 \\ \text{Vintage} \\ \text{Forecast} \end{array} = \begin{array}{l} 2016 \text{ RM} \\ \text{BLM Depn} \\ \text{on 2015} \\ \text{Adds} \end{array} \right)$
Distribution														
TC 49.21														
376-387	342,229	(7,027)	3,219	(68,679)	0	269,742	3,250	7,255	4,123	* (269,742 - 0) /	342,229 = 3,250	9,204	* (269,742 - 0) /	342,229 = 7,255
	<u>342,229</u>	<u>(7,027)</u>	<u>3,219</u>	<u>(68,679)</u>	<u>0</u>	<u>269,742</u>	<u>3,250</u>	<u>7,255</u>						
Capital Tools														
TC 49.21														
394	9,859	(19)	9	0	0	9,848	212	466	212	* (9,848 - 0) /	9,859 = 212	467	* (9,848 - 0) /	9,859 = 466
	<u>9,859</u>	<u>(19)</u>	<u>9</u>	<u>0</u>	<u>0</u>	<u>9,848</u>	<u>212</u>	<u>466</u>						
Office Furn.														
TC 00.11														
391	257	(8)	4	0	0	252	7	23	7	* (252 - 0) /	257 = 7	23	* (252 - 0) /	257 = 23
	<u>257</u>	<u>(8)</u>	<u>4</u>	<u>0</u>	<u>0</u>	<u>252</u>	<u>7</u>	<u>23</u>						
Data Equip														
TC 00.13														
391.1	0	0	0	0	0	0	0	0	0	* (0 - 0) /	0 = 0	0	* (0 - 0) /	0 = 0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>						
Computer Equipment														
TC 00.12														
391	31,659	(1,171)	536	0	0	31,025	1,969	6,275	2,010	* (31,025 - 0) /	31,659 = 1,969	6,403	* (31,025 - 0) /	31,659 = 6,275
	<u>31,659</u>	<u>(1,171)</u>	<u>536</u>	<u>0</u>	<u>0</u>	<u>31,025</u>	<u>1,969</u>	<u>6,275</u>						
Underground Storage														
TC 49.24														
350, 352-358	83,924	(5,514)	2,526	0	0	80,936	1,013	2,228	1,050	* (80,936 - 0) /	83,924 = 1,013	2,311	* (80,936 - 0) /	83,924 = 2,228
	<u>83,924</u>	<u>(5,514)</u>	<u>2,526</u>	<u>0</u>	<u>0</u>	<u>80,936</u>	<u>1,013</u>	<u>2,228</u>						
Transmission														
TC 49.24B														
367-371	139,213	(5,989)	2,743	(18,799)	0	117,170	730	2,771	868	* (117,170 - 0) /	139,213 = 730	3,292	* (117,170 - 0) /	139,213 = 2,771
	<u>139,213</u>	<u>(5,989)</u>	<u>2,743</u>	<u>(18,799)</u>	<u>0</u>	<u>117,170</u>	<u>730</u>	<u>2,771</u>						
Buildings														
TC 65														
351, 366, 375, 390	39,006	(1,650)	756	0	0	38,111	937	783	959	* (38,111 - 0) /	39,006 = 937	801	* (38,111 - 0) /	39,006 = 783
	<u>39,006</u>	<u>(1,650)</u>	<u>756</u>	<u>0</u>	<u>0</u>	<u>38,111</u>	<u>937</u>	<u>783</u>						
Land Imp														
TC 00.3														
390	0	0	0	0	0	0	0	0	0	* (0 - 0) /	0 = 0	0	* (0 - 0) /	0 = 0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>						
Communication Equipmt														
TC 48.14														
397	24,078	(1,015)	465	0	0	23,528	128	4,548	131	* (23,528 - 0) /	24,078 = 128	4,655	* (23,528 - 0) /	24,078 = 4,548
	<u>24,078</u>	<u>(1,015)</u>	<u>465</u>	<u>0</u>	<u>0</u>	<u>23,528</u>	<u>128</u>	<u>4,548</u>						
Land&Other														
	0	0	0	0	0	0	0	0	0	* (0 - 0) /	0 = 0	0	* (0 - 0) /	0 = 0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>						
Software														
	76,857	(3,794)	1,738	(62,870)	0	11,931	661	1,959	4,258	* (11,931 - 0) /	76,857 = 661	12,620	* (11,931 - 0) /	76,857 = 1,959
	<u>76,857</u>	<u>(3,794)</u>	<u>1,738</u>	<u>(62,870)</u>	<u>0</u>	<u>11,931</u>	<u>661</u>	<u>1,959</u>						
TOTALS	747,080	(26,186)	11,996	(150,347)	0	582,542	8,906	26,308	13,616			39,776		

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

STATE DEPRECIATION CALCULATION

METHOD >>>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	150DB	*	200DB	200DB	SL				
LIFE >>>>>>>	35 Yr	22 Yr	22 Yr	10 Yr	6 Yr	35 Yr	45 Yr	45 Yr	6 Yr	6 Yr	3 Yr				
Asset Class	Distrib	UGS Rights /Trans	Trans R/W	Office Furn	Data Hndng	Capital Tools Acct	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Adds	Sub-Total	Other	Land	TOTAL
ADDITIONS	342,229	83,924	139,213	257	0	9,859	0	39,006	24,078	31,659	76,857	747,080	0	0	747,080
AFUDC	(7,027)	(5,514)	(5,989)	(8)	0	(19)	0	(1,650)	(1,015)	(1,171)	(3,794)	(26,186)	0	0	(26,186)
CAP INT & TAXES	3,219	2,526	2,743	4	0	9	0	756	465	536	1,738	11,996	0	0	11,996
SOFTWARE & REPA	(68,679)	0	(18,799)	0	0	0	0	0	0	0	(62,870)	(150,347)	0	0	(150,347)
TAX BASIS	269,742	80,936	117,170	252	0	9,848	0	38,111	23,528	31,025	11,931	582,542	0	0	582,542
YR 1 RATE	2.857%	4.546%	4.546%	10.000%	16.667%	2.857%	1.667%	1.667%	16.667%	16.667%	33.333%				
DEPR.	7,707	3,679	5,327	25	0	281	0	635	3,921	5,171	3,977	30,723		2015	
YR 2 RATE	5.551%	8.678%	8.678%	18.000%	27.778%	5.551%	3.278%	3.278%	27.778%	27.778%	33.333%				
DEPR.	14,973	7,024	10,168	45	0	547	0	1,249	6,535	8,618	3,977	53,137		2016	
YR 3 RATE	5.234%	7.890%	7.890%	14.400%	18.519%	5.234%	3.169%	3.169%	18.519%	18.519%	33.333%				
DEPR.	14,118	6,386	9,245	36	0	515	0	1,208	4,357	5,745	3,977	45,588		2017	
YR 4 RATE	4.935%	7.173%	7.173%	11.520%	12.346%	4.935%	3.063%	3.063%	12.346%	12.346%	0.000%				
DEPR.	13,312	5,806	8,405	29	0	486	0	1,167	2,905	3,830	0	35,939		2018	
YR 5 RATE	4.653%	6.521%	6.521%	9.216%	9.876%	4.653%	2.961%	2.961%	9.216%	9.216%	0.000%				
DEPR.	12,551	5,278	7,641	23	0	458	0	1,128	2,168	2,859	0	32,107		2019	
YR 6 RATE	4.387%	5.928%	5.928%	7.373%	9.876%	4.387%	2.863%	2.863%	7.373%	7.373%	0.000%				
DEPR.	11,834	4,798	6,946	19	0	432	0	1,091	1,735	2,287	0	29,141		2020	
YR 7 RATE	4.137%	5.389%	5.389%	6.554%	4.938%	4.137%	2.767%	2.767%	6.554%	6.554%	0.000%				
DEPR.	11,159	4,362	6,314	17	0	407	0	1,055	1,542	2,033	0	26,889		2021	
YR 8 RATE	3.901%	4.899%	4.899%	6.554%	0.000%	3.901%	2.675%	2.675%	6.554%	6.554%	0.000%				
DEPR.	10,523	3,965	5,740	17	0	384	0	1,019	1,542	2,033	0	25,223		2022	

Southern California Gas Company
2016 GRC - APP
Shared Service Workpapers

Property & Acct.	2014 Vintage FORECAST	AFUDC	Cap Interest	Software & Repairs	Other Basis Adj.	TAX INVEST. FORECAST	2014 RM BLM DEPREC.	2015 RM BLM DEPR.	2016 RM BLM DEPR.	2014 Depreciation For 2014 Additions	$\left[\begin{array}{l} 2014 \text{ Tax} \\ \text{Investment} \\ \text{Forecast} \end{array} \right]$	-	$\left[\begin{array}{l} \text{Other} \\ \text{Basis} \\ \text{Adjustments} \end{array} \right]$	/	2014 Vintage Forecast	=	2014 RM BLM Depr on 2014 Add	2015 Depreciation For 2014 Additions	$\left[\begin{array}{l} 2014 \text{ Tax} \\ \text{Investment} \\ \text{Forecast} \end{array} \right]$	-	$\left[\begin{array}{l} \text{Other} \\ \text{Basis} \\ \text{Adjustments} \end{array} \right]$	/	2014 Vintage Forecast	=	2015 RM BLM Depr on 2014 Add	2016 Depreciation For 2014 Additions	$\left[\begin{array}{l} 2014 \text{ Tax} \\ \text{Investment} \\ \text{Forecast} \end{array} \right]$	-	$\left[\begin{array}{l} \text{Other} \\ \text{Basis} \\ \text{Adjustments} \end{array} \right]$	/	2014 Vintage Forecast	=	2016 RM BLM Depr on 2014 Add			
Distribution TC 49.21																																				
376-387	325,604	(6,415)	2,939	(70,093)	0	252,034	3,019	7,462	6,778	3,901	\cdot	$\left[\begin{array}{l} 252,034 \\ - \end{array} \right]$	0	/	325,604	=	3,019	9,640	\cdot	$\left[\begin{array}{l} 252,034 \\ - \end{array} \right]$	0	/	325,604	=	7,462	8,757	\cdot	$\left[\begin{array}{l} 252,034 \\ - \end{array} \right]$	0	/	325,604	=	6,778			
	<u>325,604</u>	<u>(6,415)</u>	<u>2,939</u>	<u>(70,093)</u>	<u>0</u>	<u>252,034</u>	<u>3,019</u>	<u>7,462</u>	<u>6,778</u>																											
Capital Tools TC 49.21																																				
394	8,419	(19)	9	0	0	8,409	185	400	400	185	\cdot	$\left[\begin{array}{l} 8,409 \\ - \end{array} \right]$	0	/	8,419	=	185	400	\cdot	$\left[\begin{array}{l} 8,409 \\ - \end{array} \right]$	0	/	8,419	=	400	400	\cdot	$\left[\begin{array}{l} 8,409 \\ - \end{array} \right]$	0	/	8,419	=	400			
	<u>8,419</u>	<u>(19)</u>	<u>9</u>	<u>0</u>	<u>0</u>	<u>8,409</u>	<u>185</u>	<u>400</u>	<u>400</u>																											
Office Furn. TC 00.11																																				
391	282	(10)	4	0	0	276	9	25	25	9	\cdot	$\left[\begin{array}{l} 276 \\ - \end{array} \right]$	0	/	282	=	9	25	\cdot	$\left[\begin{array}{l} 276 \\ - \end{array} \right]$	0	/	282	=	25	25	\cdot	$\left[\begin{array}{l} 276 \\ - \end{array} \right]$	0	/	282	=	25			
	<u>282</u>	<u>(10)</u>	<u>4</u>	<u>0</u>	<u>0</u>	<u>276</u>	<u>9</u>	<u>25</u>	<u>25</u>																											
Data Equip TC 00.13																																				
391.1	0	0	0	0	0	0	0	0	0	AS								0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0	0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0			
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>																											
Computer Equipment TC 00.12																																				
391	58,040	(2,469)	1,131	0	0	56,702	3,302	11,468	11,468	3,380	\cdot	$\left[\begin{array}{l} 56,702 \\ - \end{array} \right]$	0	/	58,040	=	3,302	11,739	\cdot	$\left[\begin{array}{l} 56,702 \\ - \end{array} \right]$	0	/	58,040	=	11,468	11,739	\cdot	$\left[\begin{array}{l} 56,702 \\ - \end{array} \right]$	0	/	58,040	=	11,468			
	<u>58,040</u>	<u>(2,469)</u>	<u>1,131</u>	<u>0</u>	<u>0</u>	<u>56,702</u>	<u>3,302</u>	<u>11,468</u>	<u>11,468</u>																											
Underground Storage TC 49.24																																				
350, 352-358	60,641	(3,973)	1,820	0	0	58,489	824	1,715	1,610	854	\cdot	$\left[\begin{array}{l} 58,489 \\ - \end{array} \right]$	0	/	60,641	=	824	1,779	\cdot	$\left[\begin{array}{l} 58,489 \\ - \end{array} \right]$	0	/	60,641	=	1,715	1,670	\cdot	$\left[\begin{array}{l} 58,489 \\ - \end{array} \right]$	0	/	60,641	=	1,610			
	<u>60,641</u>	<u>(3,973)</u>	<u>1,820</u>	<u>0</u>	<u>0</u>	<u>58,489</u>	<u>824</u>	<u>1,715</u>	<u>1,610</u>																											
Transmission TC 49.24B																																				
367-371	87,687	(5,124)	2,347	(17,267)	0	67,643	430	1,455	1,600	558	\cdot	$\left[\begin{array}{l} 67,643 \\ - \end{array} \right]$	0	/	87,687	=	430	1,886	\cdot	$\left[\begin{array}{l} 67,643 \\ - \end{array} \right]$	0	/	87,687	=	1,455	2,074	\cdot	$\left[\begin{array}{l} 67,643 \\ - \end{array} \right]$	0	/	87,687	=	1,600			
	<u>87,687</u>	<u>(5,124)</u>	<u>2,347</u>	<u>(17,267)</u>	<u>0</u>	<u>67,643</u>	<u>430</u>	<u>1,455</u>	<u>1,600</u>																											
Buildings TC 65																																				
351, 366, 375, 390	23,742	(966)	442	0	0	23,219	438	1,652	518	447	\cdot	$\left[\begin{array}{l} 23,219 \\ - \end{array} \right]$	0	/	23,742	=	438	1,689	\cdot	$\left[\begin{array}{l} 23,219 \\ - \end{array} \right]$	0	/	23,742	=	1,652	530	\cdot	$\left[\begin{array}{l} 23,219 \\ - \end{array} \right]$	0	/	23,742	=	518			
	<u>23,742</u>	<u>(966)</u>	<u>442</u>	<u>0</u>	<u>0</u>	<u>23,219</u>	<u>438</u>	<u>1,652</u>	<u>518</u>																											
Land Imp TC 00.3																																				
390	0	0	0	0	0	0	0	0	0	0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0	0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0	0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0			
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>																											
Communication Equipmt TC 48.14																																				
397	18,733	(493)	226	0	0	18,466	1,431	2,565	2,573	1,451	\cdot	$\left[\begin{array}{l} 18,466 \\ - \end{array} \right]$	0	/	18,733	=	1,431	2,602	\cdot	$\left[\begin{array}{l} 18,466 \\ - \end{array} \right]$	0	/	18,733	=	2,565	2,610	\cdot	$\left[\begin{array}{l} 18,466 \\ - \end{array} \right]$	0	/	18,733	=	2,573			
	<u>18,733</u>	<u>(493)</u>	<u>226</u>	<u>0</u>	<u>0</u>	<u>18,466</u>	<u>1,431</u>	<u>2,565</u>	<u>2,573</u>																											
Land&Other																																				
	0	0	0	0	0	0	0	0	0	0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0	0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0	0	\cdot	$\left[\begin{array}{l} 0 \\ - \end{array} \right]$	0	/	0	=	0			
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>																											
Software																																				
	80,846	(3,737)	1,712	(56,049)	0	22,771	944	3,997	3,997	3,351	\cdot	$\left[\begin{array}{l} 22,771 \\ - \end{array} \right]$	0	/	80,846	=	944	14,192	\cdot	$\left[\begin{array}{l} 22,771 \\ - \end{array} \right]$	0	/	80,846	=	3,997	14,192	\cdot	$\left[\begin{array}{l} 22,771 \\ - \end{array} \right]$	0	/	80,846	=	3,997			
	<u>80,846</u>	<u>(3,737)</u>	<u>1,712</u>	<u>(56,049)</u>	<u>0</u>	<u>22,771</u>	<u>944</u>	<u>3,997</u>	<u>3,997</u>																											
TOTALS	663,994	(23,207)	10,631	(143,409)	0	508,010	10,582	30,738	28,969	14,137								43,951																		

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

STATE DEPRECIATION CALCULATION

METHOD >>>>>>>	200DB	200DB	200DB	200DB	200DB	200DB	150DB	150DB	200DB	200DB	SL				
LIFE >>>>>>>	35 Yr	22 Yr	22 Yr	10 Yr	6 Yr	35 Yr	45 Yr	45 Yr	6 Yr	6 Yr	3 Yr				
	Distrib	UGS Rights /Trans	Trans R/W	Office Furn	Data Hndlng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Adds	Sub-Total	Other	Land	TOTAL
Asset Class															
ADDITIONS	325,604	60,641	87,687	282	0	8,419	0	23,742	18,733	58,040	80,846	663,994	0	20	664,014
AFUDC	(6,415)	(3,973)	(5,124)	(10)	0	(19)	0	(966)	(493)	(2,469)	(3,737)	(23,207)	0	0	(23,207)
CAP INT & TAXES	2,939	1,820	2,347	4	0	9	0	442	226	1,131	1,712	10,631	0	0	10,631
SOFTWARE & REPA	(70,093)	0	(17,267)	0	0	0	0	0	0	0	(56,049)	(143,409)	0	0	(143,409)
TAX BASIS	252,034	58,489	67,643	276	0	8,409	0	23,219	18,466	56,702	22,771	508,010	0	20	508,029
YR 1 RATE	2.857%	4.546%	4.546%	10.000%	16.667%	2.857%	1.667%	1.667%	16.667%	16.667%	33.333%				
DEPR.	7,201	2,659	3,075	28	0	240	0	387	3,078	9,451	7,590	33,708		2014	
YR 2 RATE	5.551%	8.678%	8.678%	18.000%	27.778%	5.551%	3.278%	3.278%	27.778%	27.778%	33.333%				
DEPR.	13,990	5,076	5,870	50	0	467	0	761	5,130	15,751	7,590	54,684		2015	
YR 3 RATE	5.234%	7.890%	7.890%	14.400%	18.519%	5.234%	3.169%	3.169%	18.519%	18.519%	33.333%				
DEPR.	13,191	4,615	5,337	40	0	440	0	736	3,420	10,501	7,590	45,870		2016	
YR 4 RATE	4.935%	7.173%	7.173%	11.520%	12.346%	4.935%	3.063%	3.063%	12.346%	12.346%	0.000%				
DEPR.	12,438	4,195	4,852	32	0	415	0	711	2,280	7,000	0	31,924		2017	
YR 5 RATE	4.653%	6.521%	6.521%	9.216%	9.876%	4.653%	2.961%	2.961%	9.216%	9.216%	0.000%				
DEPR.	11,727	3,814	4,411	25	0	391	0	688	1,702	5,226	0	27,984		2018	
YR 6 RATE	4.387%	5.928%	5.928%	7.373%	9.876%	4.387%	2.863%	2.863%	7.373%	7.373%	0.000%				
DEPR.	11,057	3,467	4,010	20	0	369	0	665	1,362	4,181	0	25,130		2019	
YR 7 RATE	4.137%	5.389%	5.389%	6.554%	4.938%	4.137%	2.767%	2.767%	6.554%	6.554%	0.000%				
DEPR.	10,427	3,152	3,645	18	0	348	0	642	1,210	3,716	0	23,159		2020	
YR 8 RATE	3.901%	4.899%	4.899%	6.554%	0.000%	3.901%	2.675%	2.675%	6.554%	6.554%	0.000%				
DEPR.	9,832	2,865	3,314	18	0	328	0	621	1,210	3,716	0	21,905		2021	

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

	Tax Year 2013	Tax Year 2014	Tax Year 2015	Tax Year 2016
Gas Plant in Service	9,975,051	10,487,515	11,054,437	11,702,454
Materials & Supplies	24,108	26,817	24,550	24,924
Plant in Service per Books	9,999,160	10,514,332	11,078,988	11,727,377
Taxable Percentage (Note 1)	98.72%	99.70%	99.70%	99.70%
Taxable Plant in Service	9,871,266	10,483,301	11,046,290	11,692,766
Reserve for Depreciation per Books	5,756,846	6,025,658	6,302,821	6,599,775
Total Reserve for Depreciation	5,756,846	6,025,658	6,302,821	6,599,775
Taxable Percentage (Note 1)	95.88%	95.27%	95.27%	95.27%
Taxable Reserve for Depreciation	5,519,654	5,740,638	6,004,691	6,287,599
Historical Cost less Depreciation	4,351,612	4,742,663	5,041,599	5,405,168
Deferred Income Taxes	943,700	1,005,265	1,089,893	1,094,203
Taxable Percentage (Note 2)	85.28%	85.91%	85.91%	85.91%
100% Deferred Tax Reserve	804,795	863,577	936,277	939,979
HCLD Less 100% of DTR	3,546,817	3,879,086	4,105,322	4,465,188
Adjustment for Income Approach Valuation (Note 3)	97.64%	102.01%	102.01%	102.01%
Assessed Value - Unitary	3,463,200	3,956,900	4,187,675	4,554,759
Non-Unitary Percentage	1.40%	1.40%	1.40%	1.40%
Assessed Value - Non-Unitary	48,645	55,580	58,821	63,977
Total Assessed Value	3,511,845	4,012,480	4,246,496	4,618,737
Net Assessed Value	3,511,845	4,012,480	4,246,496	4,618,737
Average Tax Rate (Note 4)	1.244080%	1.250873%	1.257666%	1.264459%
Fiscal Year Ad Valorem Taxes	43,690	50,191	53,407	58,402
Misc. Ad Valorem Taxes (Note 5)	7	7	7	7
Total Fiscal Year Ad Valorem Taxes	43,697	50,198	53,414	58,409
Less:				
Non-Operating Taxes	170	170	170	170
Tax on Montebello Storage Facility (Non-Utility)	392	392	392	392
Other Than Tax Exp.	170	170	170	170
Fiscal Year Capitalized Tax on CWIP (Note 6)	2,031	2,591	3,300	3,757
Fiscal Year Ad Valorem Tax Expense - Operating	40,934	46,875	49,381	53,920
2nd Installment of Prior Year Tax Billed (April)	21,273	21,183	24,433	26,041
1st Installment of Current Year Tax Billed (December)	21,783	25,033	26,641	29,139
Less: Calendar Year Capitalized Tax on CWIP (Note 6)	1,019	2,333	2,849	3,752
Calendar Year Ad Valorem Tax Exp - Operating	42,037	43,882	48,225	51,427
Income Tax Adjustment	1,102	(2,993)	(1,156)	(2,493)

Note 1 - Includes adjustments for Inventory, Possessory Interests, Software, and Leased Equipment, etc. either added or deducted from Historical Cost and Depreciation Reserve.

Note 2 - Eliminates deferred taxes on non-taxable items from book deferred taxes.

Note 3 - In 2013, SBE used 25% of Income Approach to arrive at SCG's assessed value.

Note 4 - Tax rate inflated by .68% / year based on average tax rate inflation from 2008 to 2013.

Note 5 - Taxes paid directly to special districts.

Note 6 - Beginning with calendar year 2012, property tax on CWIP will be capitalized. This adjustment removes that tax from expense.

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Ad Valorem Tax Rate Inflation

	<u>Rate</u>
A 2013/2014 Average Tax Rate	1.2440800%
B 2008/2009 Average Tax Rate	1.2101142%
C 5 Year Increase (A - B)	0.0339657%
D Average Increase (C / 5)	0.0067931%
Actual 2013/14 Average Tax Rate	1.2440800%
Estimated 2014/15 Average Tax Rate	1.2508731%
Estimated 2015/16 Average Tax Rate	1.2576663%
Estimated 2016/17 Average Tax Rate	1.2644594%

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

O&M Payroll Taxes

	Nominal\$
2013 O&M Payroll	507,056
2013 Ratio (Payroll tax/Payroll)	7.56%
2013 O&M Payroll Taxes	38,333
2014 O&M Labor Excl. Reassignment	493,409
2014 Shared O&M Labor	43,669
2014 Ratio	7.57%
2014 O&M Payroll Taxes	40,657
2015 O&M Labor Excl. Reassignment	527,481
2015 Shared O&M Labor	48,421
2015 Ratio	7.59%
2015 O&M Payroll Taxes	43,711
2016 O&M Labor Excl. Reassignment	579,101
2016 Shared O&M Labor	53,195
2016 Ratio	7.63%
2016 O&M Payroll Taxes	48,244

Capital Payroll Taxes:

	Nominal\$
2014 Capital Labor	111,268
2014 Non-Shared Labor O&M Reassigned to Capital	21,501
2014 Shared Labor O&M Reassigned to Capital	939
Total 2014 Capital Labor	133,707
2014 Ratio	7.57%
2014 Capital Payroll Taxes	10,122
2015 Capital Labor	116,305
2015 Non-Shared Labor O&M Reassigned to Capital	22,470
2015 Shared Labor O&M Reassigned to Capital	1,065
Total 2015 Capital Labor	139,839
2015 Ratio	7.59%
2015 Capital Payroll Taxes	10,614
2016 Capital Labor	119,404
2016 Non-Shared Labor O&M Reassigned to Capital	23,993
2016 Shared Labor O&M Reassigned to Capital	1,197
Total 2016 Capital Labor	144,594
2016 Ratio	7.63%
2016 Capital Payroll Taxes	11,032

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Composite Payroll Tax Rate

	2013	2014	2015	2016
Social Security Tax				
SS Wage Base	113,700	117,000	119,100	123,600
SS Wages	640,171,521	643,775,310	645,757,710	650,005,710
SS Tax Rate	6.20%	6.20%	6.20%	6.20%
SS Taxes	39,690,634	39,914,069	40,036,978	40,300,354
Medicare Wage Base				
Medicare Wage Base	N/A	N/A	N/A	N/A
Medicare Wages	695,455,127	695,455,127	695,455,127	695,455,127
Medicare Tax Rate	1.45%	1.45%	1.45%	1.45%
Medicare Taxes	10,084,099	10,084,099	10,084,099	10,084,099
FUI Wage Base				
FUI Wage Base	7,000	7,000	7,000	7,000
FUI Wages	61,786,397	61,786,397	61,786,397	61,786,397
FUI Tax Rate	0.60%	0.60%	0.60%	0.60%
FUI Taxes	370,718	370,718	370,718	370,718
CA-SUI Wage Base				
CA-SUI Wage Base	7,000	7,000	7,000	7,000
CA-SUI Wages	61,786,397	61,786,397	61,786,397	61,786,397
CA-SUI Tax Rate	3.80%	3.60%	3.60%	3.60%
CA-SUI Taxes	2,347,883	2,224,310	2,224,310	2,224,310
CA-SUI ETT Tax Rate				
CA-SUI ETT Tax Rate	0.10%	0.10%	0.10%	0.10%
CA-SUI ETT Taxes	61,786	61,786	61,786	61,786
Total Employer Payroll Tax				
Total Employer Payroll Tax	52,555,120	52,654,982	52,777,891	53,041,267
Medicare Wages	695,455,127	695,455,127	695,455,127	695,455,127
Composite Rate	7.56%	7.57%	7.59%	7.63%

Southern California Gas Company
 2016 GRC – APP
 Shared Service Workpapers

Franchise Fee Factor

	2013 Recorded	2014	2015	2016
Franchise Fees	45,348,380	Note 1	Note 1	Note 1
Total Gross Receipts	3,220,497,583			
Franchise Fee Rate	1.4081%	1.4136%	1.4136%	1.4136%

Note 1 - 2014, 2015, and 2016 franchise fee rates are based on average of 2009 to 2013 and includes rates for new franchises.

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Franchise Fee Rate Calculation

	<u>2009</u> Franchise	<u>2010</u> Franchise	<u>2011</u> Franchise	<u>2012</u> Franchise	<u>2013</u> Franchise	<u>5 Year</u> Average
Total Franchise Payments - Current Year (Note 1)	<u>42,785,661.23</u>	<u>47,659,945.05</u>	<u>48,026,116.68</u>	<u>40,509,130.87</u>	<u>45,348,379.91</u>	<u>44,865,846.75</u>
Gross Receipts	2,996,488,216	3,360,715,964	3,405,399,118	2,886,349,085	3,220,497,583	3,173,889,993
Franchise Fee Percentage for Rate Case (Franchise Payment / Gross Receipts)	<u>1.4279%</u>	<u>1.4181%</u>	<u>1.4103%</u>	<u>1.4035%</u>	<u>1.4081%</u>	
Weighted Average Percentage (5 Year Avg)						<u>1.4136%</u>

Note 1 - Historical payments using newest franchise agreements

Southern California Gas Company Deferred Taxes Index

WORKBOOK NAME: [taxSCGDeferred.xls](#)

WORKBOOK DESCRIPTION: The purpose of this workbook is to calculate the weighted average deferred taxes that flow into ratebase.

Worksheet

#	Worksheet Name	Worksheet Description
1	TotalSCGDeferredTaxes	Summary page - weighted average deferred taxes for 2013, 2014, 2015, & 2016
2	2016DEFTAXESWgtAvg	Calculation of 2016 weighted average deferred taxes
3	2015DEFTAXESWgtAvg	Calculation of 2015 weighted average deferred taxes
4	2014DEFTAXESWgtAvg	Calculation of 2014 weighted average deferred taxes
5	2013DEFTAXESWgtAvg	Calculation of 2013 weighted average deferred taxes
6	RMFEDTAXDepr	Summary page - Ratemaking Federal depreciation
7	RMBLMDDepr	Summary page - Ratemaking BLM depreciation
8	2016RMFedDepronAdds	Ratemaking Fed (Area 97) depreciation calculation on 2016 capital additions
9	2016RMBLMDDepronAdds	Ratemaking BLM (Area 99) depreciation calculation on 2016 capital additions
10	2015RMFedDepronAdds	Ratemaking Fed (Area 97) depreciation calculation on 2015 capital additions
11	2015RMBLMDDepronAdds	Ratemaking BLM (Area 99) depreciation calculation on 2015 capital additions
12	2014RMFedDepronAdds	Ratemaking Fed (Area 97) depreciation calculation on 2014 capital additions
13	2014RMBLMDDepronAdds	Ratemaking BLM (Area 99) depreciation calculation on 2014 capital additions
14	2013RMFedDepronAdds	Ratemaking Fed (Area 97) depreciation calculation on 2013 capital additions
15	2013RMBLMDDepronAdds	Ratemaking BLM (Area 99) depreciation calculation on 2013 capital additions
16	CapInterest	1986 TRA - Capitalized Interest Adjustment on forecasted adds.
17	TaxDeprCapInterest	Depreciation effect of Capitalized Interest Adjustment
18	CIAC	Deferred Taxes and Deferred Revenue Calc for CIAC
19	CIAC Input	CIAC percentage input for distribution and transmission
20	CIAC-CAC	Input for forecasted CAC forfeitures
21	Depr Adjustment	State / Federal Depreciation for CIAC advances and CAC forfeitures
22	Tax Depr - CIAC & CAC	Depreciation on CIAC Advances and CAC Forfeitures (Advance piece only)
23	Monthly Summary	
24	DefTaxITC	Accumulated Deferred ITC
25	TotalSCGDefTaxesShServ	Summary page - weighted average deferred taxes for Shared Services 2014-2016
26	2016DefTaxesShServ	Calculation of 2016 Shared Services weighted average deferred taxes
27	2015DefTaxesShServ	Calculation of 2015 Shared Services weighted average deferred taxes
28	2014DefTaxesShServ	Calculation of 2014 Shared Services weighted average deferred taxes
29	ShServRMFedTaxDepr	Summary page - Shared Services Ratemaking Federal depreciation
30	ShServRMBLMDDepr	Summary page - Shared Services Ratemaking BLM depreciation
31	2016RMFedDepronAddsShServ	Ratemaking Fed (Area 97) Shared Services depreciation on 2016 capital additions
32	2016RMBLMDDepronAddsShServ	Ratemaking BLM (Area 99) Shared Services depreciation on 2016 capital additions
33	2015RMFedDepronAddsShServ	Ratemaking Fed (Area 97) Shared Services depreciation on 2015 capital additions
34	2015RMBLMDDepronAddsShServ	Ratemaking BLM (Area 99) Shared Services depreciation on 2015 capital additions
35	2014RMFedDepronAddsShServ	Ratemaking Fed (Area 97) Shared Services depreciation on 2014 capital additions
36	2014RMBLMDDepronAddsShServ	Ratemaking BLM (Area 99) Shared Services depreciation on 2014 capital additions
37	CapInterestShrdSvcs	1986 TRA - Capitalized Interest Adjustment on forecasted shared service adds.
38	TaxDeprCapInterestShrdSvcs	Depreciation effect of Capitalized Interest Adjustment on forecasted shared service adds.
39	DefTaxShServStructures	Deferred Taxes - Shared Services Structures
40	DefTaxShServHardware	Deferred Taxes - Shared Services Hardware
41	DefTaxShServSoftware	Deferred Taxes - Shared Services Software
42	DefTaxShServCommunications	Deferred Taxes - Shared Services Communications
43	DefTaxShServMiscellaneous	Deferred Taxes - Shared Services Miscellaneous

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Southern California Gas Company
Total Deferred Taxes

	DR (CR)
Weighted Average Deferred Tax Balance - 2013	(974,483)
Weighted Average Deferred Tax Balance - 2014	(1,024,799)
Weighted Average Deferred Tax Balance - 2015	(1,090,888)
Weighted Average Deferred Tax Balance - 2016	(1,097,785)

INPUT VARIABLES FOR DEFERRED TAXES

FEDERAL STATUTORY RATE 35%

STATE RATE - NET OF STATE BENEFIT 5.746%

Percentage of Capitalized Taxes & Interest to AFUDC 46%

**Southern California Gas Company
2016 Deferred Taxes**

	2016
DEFERRED TAX BALANCE @ 12/31/15	(1,094,203)
RM BLM 2016 Depr on 2013 and Prior Vintages	244,241
RM Fed Tax 2016 Depr on 1981-2013 Vintages	<u>223,283</u>
	20,958
	<u>35%</u>
	7,335
2016 FORECASTED CAPITAL ADDITIONS	981,697
2016 RM BLM DEPRECIATION ON 2014 - 2016 CAPITAL ADDITIONS	63,130
2016 RM FED TAX DEPRECIATION ON 2014 - 2016 CAPITAL ADDITIONS	<u>147,450</u>
	(84,320)
TAX RATE	<u>35%</u>
DEFERRED TAX ON CAPITAL ADDITIONS - DR./ (CR.)	(29,512)
RM BLM DEPR ON CHANGE IN 2013 CAPITAL ADDITIONS	-
RM FED TAX DEPR ON CHANGE IN 2013 CAPITAL ADDITIONS	<u>-</u>
	-
	<u>35%</u>
	-
DEFERRED TAX ON CAPITAL ADDITIONS - AND 2013 ADJUSTMENTS	(29,512)
86 TRA - CAPITALIZED INTEREST	6,613
OTHER ADJUSTMENTS	<u>0</u>
DEFERRED TAX BALANCE @ 12/31/16	<u>(1,109,766)</u>
WEIGHTED AVERAGE DEFERRED TAX BALANCE DR (CR)	(1,097,785)
BLM BOOK TO TAX RATIO	79.586%

NET OPERATING LOSS

	2016
BOOK INCOME BEFORE TAXES	455,684
ADD BACK DEPRECIATION	<u>410,069</u>
BOOK INCOME BEFORE TAXES AND DEPRECIATION	865,753
FEDERAL ADJUSTMENTS	
FED ADJ OTHER THAN INTEREST AND PY CCFT	(455,058)
FIXED CHARGES - OPERATING (INTEREST EXPENSE)	(112,496)
PY CCFT	(10,690)
ADD BACK BLM TAX DEPRECIATION	307,371
SUBTRACT TAX DEPRECIATION (BONUS)	<u>(370,733)</u>
TOTAL FEDERAL TAX ADJUSTMENTS	(641,606)
FEDERAL TAXABLE INCOME/(LOSS)	224,147
FEDERAL TAX RATE	35%
TAX LIABILITY / (UN-UTILIZED DTL)	78,451.32
UN-UTILIZED DTL CARRIED BACK TO 2014	-
UN-UTILIZED DTL CARRIED BACK TO 2015	-
UN-UTILIZED DTL CARRIED FORWARD	-
FEDERAL TAX DEPRECIATION:	
DEPRECIATION ON PRE-2014 VINTAGES	(223,283)
DEPRECIATION ON 2014 ADDITIONS	(31,873)
DEPRECIATION ON 2015 ADDITIONS	(61,476)
DEPRECIATION ON 2016 CAPITAL ADDITIONS	<u>(54,100)</u>
TOTAL TAX DEPRECIATION	(370,733)

	a	b =	c = a x b	d =	e
	Mthly Avg of CY def'd	# of days in yrs / d	weighted avg per mo	days left in yr	
		366			
jan	(1,297)	0.9153	(1,187)	335	(1,094,203)
feb	(1,297)	0.8306	(1,077)	304	(1,095,390)
mar	(1,297)	0.7541	(978)	276	(1,096,467)
apr	(1,297)	0.6694	(868)	245	(1,097,445)
may	(1,297)	0.5874	(762)	215	(1,098,313)
jun	(1,297)	0.5027	(652)	184	(1,099,075)
jul	(1,297)	0.4208	(546)	154	(1,099,727)
aug	(1,297)	0.3361	(436)	123	(1,100,273)
sep	(1,297)	0.2514	(326)	92	(1,100,709)
oct	(1,297)	0.1694	(220)	62	(1,101,035)
nov	(1,297)	0.0847	(110)	31	(1,101,254)
dec	(1,297)	0.0027	(4)	1	(1,101,364)

Prorated additions	(7,165)
Beginning of year balance	<u>(1,094,203)</u>
Prorated end of year balance	(1,101,368)
Average	<u>(1,097,785)</u>

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

**Southern California Gas Company
2015 Deferred Taxes**

	2015
DEFERRED TAX BALANCE @ 12/31/14	(1,089,893)
RM BLM 2015 Depr on 2013 and Prior Vintages	281,266
RM Fed Tax 2015 Depr on 1981-2013 Vintages	271,543
	9,723
	35%
	3,403
2015 FORECASTED CAPITAL ADDITIONS	747,080
2015 RM BLM DEPRECIATION ON 2014 - 2015 CAPITAL ADDITIONS	39,644
2015 RM FED TAX DEPRECIATION ON 2014 - 2015 CAPITAL ADDITION	74,275
	(34,631)
TAX RATE	35%
DEFERRED TAX ON CAPITAL ADDITIONS - DR / (CR.)	(12,121)
RM BLM DEPR ON CHANGE IN 2013 CAPITAL ADDITIONS	-
RM FED TAX DEPR ON CHANGE IN 2013 CAPITAL ADDITIONS	-
	35%
	-
DEFERRED TAX ON CAPITAL ADDITIONS - AND 2013 ADJUSTMENTS	(12,121)
86 TRA - CAPITALIZED INTEREST	4,408
OTHER ADJUSTMENTS	0
DEFERRED TAX BALANCE @ 12/31/15	(1,094,203)
WEIGHTED AVERAGE DEFERRED TAX BALANCE DR (CR)	(1,090,888)
BLM BOOK TO TAX RATIO	77.760%

NET OPERATING LOSS

	2015
BOOK INCOME BEFORE TAXES	391,925
ADD BACK DEPRECIATION	425,386
BOOK INCOME BEFORE TAXES AND DEPRECIATION	817,311
FEDERAL ADJUSTMENTS	
FED ADJ OTHER THAN INTEREST AND PY CCFT	(480,838)
FIXED CHARGES - OPERATING (INTEREST EXPENSE) PY CCFT	(99,664)
ADD BACK BLM TAX DEPRECIATION	320,910
SUBTRACT TAX DEPRECIATION (BONUS)	(345,818)
TOTAL FEDERAL TAX ADJUSTMENTS	(613,250)
FEDERAL TAXABLE INCOME/(LOSS)	204,061
FEDERAL TAX RATE	35%
TAX LIABILITY / (UN-UTILIZED DTL)	71,421
UN-UTILIZED DTL CARRIED BACK TO 2013	-
UN-UTILIZED DTL CARRIED BACK TO 2014	-
UN-UTILIZED DTL CARRIED FORWARD	-
FEDERAL TAX DEPRECIATION:	
DEPRECIATION ON PRE-2014 VINTAGES	(271,543)
DEPRECIATION ON 2014 ADDITIONS	(38,513)
DEPRECIATION ON 2015 ADDITIONS	(35,762)
TOTAL TAX DEPRECIATION	(345,818)

	a	b =	c = a x b	d =	e
	Mthly Avg of CY def'd	# of days in yrs / d	weighted avg per mo	days left in yr	
					(1,089,893)
jan	(359)	0.9178	(330)	335	(1,090,223)
feb	(359)	0.8329	(299)	304	(1,090,522)
mar	(359)	0.7562	(272)	276	(1,090,793)
apr	(359)	0.6712	(241)	245	(1,091,034)
may	(359)	0.5890	(212)	215	(1,091,246)
jun	(359)	0.5041	(181)	184	(1,091,427)
jul	(359)	0.4219	(152)	154	(1,091,578)
aug	(359)	0.3370	(121)	123	(1,091,699)
sep	(359)	0.2521	(91)	92	(1,091,790)
oct	(359)	0.1699	(61)	62	(1,091,851)
nov	(359)	0.0849	(31)	31	(1,091,881)
dec	(359)	0.0027	(1)	1	(1,091,882)
Prorated additions			(1,989)		
Beginning of year balance			(1,089,893)		
Prorated end of year balance			(1,091,882)		
Average			(1,090,888)		

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

**Southern California Gas Company
2014 Deferred Taxes**

	2014
DEFERRED TAX BALANCE @ 12/31/13	(1,005,265)
RM BLM 2014 Depr on 2013 and Prior Vintages	291,508
RM FED TAX 2014 DEPR ON 1981-2013 VINTAGES	299,790
	(8,282)
	35%
	(2,899)
2014 FORECASTED CAPITAL ADDITIONS	663,994
2014 RM BLM DEPRECIATION ON 2014 CAPITAL ADDITIONS	10,582
2014 RM FED TAX DEPRECIATION ON 2014 CAPITAL ADDITIONS	256,022
	(245,440)
	35%
TAX RATE	35%
DEFERRED TAX ON CAPITAL ADDITIONS - DR./ (CR.)	(85,904)
RM BLM DEPR ON CHANGE IN 2013 CAPITAL ADDITIONS	-
RM FED TAX DEPR ON CHANGE IN 2013 CAPITAL ADDITIONS	-
	-
	35%
	-
DEFERRED TAX ON CAPITAL ADDITIONS - AND 2013 ADJUSTMENTS	(85,904)
86 TRA - CAPITALIZED INTEREST	4,175
OTHER ADJUSTMENTS	0
DEFERRED TAX BALANCE @ 12/31/14	(1,089,893)
WEIGHTED AVERAGE DEFERRED TAX BALANCE DR (CR)	(1,024,799)
BLM BOOK TO TAX RATIO	76.288%

NET OPERATING LOSS

	2014
BOOK INCOME BEFORE TAXES	360,501
ADD BACK DEPRECIATION	398,155
BOOK INCOME BEFORE TAXES AND DEPRECIATION	758,656
Federal Adjustments	
FED ADJ OTHER THAN INTEREST AND PY CCFT	(456,401)
FIXED CHARGES - OPERATING (INTEREST EXPENSE)	(93,062)
PY CCFT	(4,306)
ADD BACK BLM TAX DEPRECIATION	302,090
SUBTRACT TAX DEPRECIATION (BONUS)	(555,812)
TOTAL FEDERAL TAX ADJUSTMENTS	(807,492)
FEDERAL TAXABLE INCOME/(LOSS)	(48,835)
FEDERAL TAX RATE	35%
TAX LIABILITY / (UN-UTILIZED DTL)	(17,092)
UN-UTILIZED DTL CARRIED BACK TO 2012	
UN-UTILIZED DTL CARRIED BACK TO 2013	17,092
UN-UTILIZED DTL CARRIED FORWARD	-
FEDERAL TAX DEPRECIATION:	
DEPRECIATION ON PRE-2014 VINTAGES	(299,790)
DEPRECIATION ON 2014 ADDITIONS	(256,022)
TOTAL TAX DEPRECIATION	(555,812)

365

	a	b =	c = a x b	d =	e
	Mthly Avg of CY def'd	# of days in yrs / d	weighted avg per mo	days left in yr	
					(1,005,265)
jan	(7,052)	0.9178	(6,473)	335	(1,011,738)
feb	(7,052)	0.8329	(5,874)	304	(1,017,611)
mar	(7,052)	0.7562	(5,333)	276	(1,022,944)
apr	(7,052)	0.6712	(4,734)	245	(1,027,678)
may	(7,052)	0.5890	(4,154)	215	(1,031,832)
jun	(7,052)	0.5041	(3,555)	184	(1,035,387)
jul	(7,052)	0.4219	(2,976)	154	(1,038,363)
aug	(7,052)	0.3370	(2,377)	123	(1,040,739)
sep	(7,052)	0.2521	(1,778)	92	(1,042,517)
oct	(7,052)	0.1699	(1,198)	62	(1,043,715)
nov	(7,052)	0.0849	(599)	31	(1,044,314)
dec	(7,052)	0.0027	(19)	1	(1,044,333)

Prorated additions	(39,068)
Beginning of year balance	(1,005,265)
Prorated end of year balance	(1,044,333)
Average	(1,024,799)

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

**Southern California Gas Company
2013 Deferred Taxes**

	2013
DEFERRED TAX BALANCE @ 12/31/12	(943,700)
DEFERRED TAX BALANCE @ 12/31/13	(1,005,265)
WEIGHTED AVERAGE DEFERRED TAX BALANCE DR (CR)	(974,483)

NET OPERATING LOSS

BOOK INCOME BEFORE TAXES	300,736
ADD BACK DEPRECIATION	366,151
BOOK INCOME BEFORE TAXES AND DEPRECIATION	666,887
<u>FEDERAL ADJUSTMENTS</u>	
FED ADJ OTHER THAN INTEREST AND PY CCFT	(460,342)
FIXED CHARGES - OPERATING (INTEREST EXPENSE)	(87,972)
PY CCFT	(24,316)
ADD BACK BLM TAX DEPRECIATION (Recorded)	-
SUBTRACT TAX DEPRECIATION (BONUS)	-
TOTAL FEDERAL TAX ADJUSTMENTS	(572,631)
FEDERAL TAXABLE INCOME/(LOSS)	94,257
FEDERAL TAX RATE	35%
TAX LIABILITY / (UN-UTILIZED DTL)	32,990
UN-UTILIZED DTL CARRIED BACK TO 2011	-
UN-UTILIZED DTL CARRIED BACK TO 2012	-
UN-UTILIZED DTL CARRIED FORWARD	-
FEDERAL TAX DEPRECIATION (Recorded):	-

Southern California Gas Company
 2016 GRC – APP
 Shared Service Workpapers

**Southern California Gas Company
 Ratemaking Deferred Tax Depreciation
 Area 97**

	2013	2014	2015	2016
Vintage 1981-2013 - Depr	216,961	299,790	271,543	223,283
2014 Additions - Depr		256,022	38,513	31,873
2015 Additions - Depr			35,762	61,476
2016 Additions - Depr				54,100
Total Area 97 Ratemaking Fed Depr	216,961	555,812	345,818	370,733
		2015 Dep	74,275	
		2016 Dep	147,450	

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

**Southern California Gas Company
BLM Deferred Tax Depreciation
Area 99**

	2013	2014	2015	2016
BLM Vintage 2013 and Prior Depr	279,441	291,508	281,266	264,369 (20,128)
2014 Additions - Depr		10,582	30,738	28,969
2015 Additions - Depr			8,906	26,308
2016 Additions - Depr				7,854
Total Area 99 Ratemaking BLM Depr	279,441	302,090	320,910	307,371
		2015 Dep	39,644	
		2016 Dep	63,130	
2016 Composite Book Rate	3.51%			
2013 Composite Book Rate	3.79%			
Change in Rate	-0.28%			
2013 VY Asset Base in 2016	7,085,967			
Deprn Adj to 2013 VY Assets in 2016	(20,128)			

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Southern California Gas Company
2016 Ratemaking Federal Deferred Tax Depreciation on Capital Additions

50% BONUS DEPRECIATION

METHOD LIFE	150DB 20 Yr	150DB 15 Yr	150DB 15 Yr	200DB 7 Yr	200DB 5 Yr	150DB 20 Yr	SL 39 Yr	SL 39 Yr	200DB 5 Yr	200DB 5 Yr	SL 3 Yr	Sub- Total	Other	Land	TOTAL
ASSET CLASS	Distrib	UGS Rights	Trans	Office Furn	Data Hndng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Add				
ADDITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFUDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAP INT & TAX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOFTWARE & REPAIRS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BONUS DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAX BASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YR 1 RATE DEPR.	3.750%	5.000%	5.000%	14.286%	20.000%	3.750%	1.177%	1.177%	20.000%	20.000%	33.333%	0	0	0	2016
YR 2 RATE DEPR.	7.219%	9.500%	9.500%	24.490%	32.000%	7.219%	2.564%	2.564%	32.000%	32.000%	33.333%	0	0	0	2017
YR 3 RATE DEPR.	6.678%	8.550%	8.550%	17.493%	19.200%	6.678%	2.564%	2.564%	19.200%	19.200%	33.333%	0	0	0	2018
YR 4 RATE DEPR.	6.178%	7.695%	7.695%	12.495%	11.520%	6.178%	2.564%	2.564%	11.520%	11.520%	0.000%	0	0	0	2019
YR 5 RATE DEPR.	5.715%	6.926%	6.926%	8.925%	11.520%	5.715%	2.564%	2.564%	11.520%	11.520%	0.000%	0	0	0	2020
YR 6 RATE DEPR.	5.287%	6.233%	6.233%	8.925%	5.760%	5.287%	2.564%	2.564%	5.760%	5.760%	0.000%	0	0	0	2021
YR 7 RATE DEPR.	4.890%	5.900%	5.900%	8.925%	0.000%	4.890%	2.564%	2.564%	0.000%	0.000%	0.000%	0	0	0	2022
YR 8 RATE DEPR.	4.523%	5.900%	5.900%	4.461%	0.000%	4.523%	2.564%	2.564%	0.000%	0.000%	0.000%	0	0	0	2023

Bonus Depreciation Input: 0%

100% BONUS DEPRECIATION

METHOD LIFE	150DB 20 Yr	150DB 15 Yr	150DB 15 Yr	200DB 7 Yr	200DB 5 Yr	150DB 20 Yr	SL 39 Yr	SL 39 Yr	200DB 5 Yr	200DB 5 Yr	SL 3 Yr	Sub- Total	Other	Land	TOTAL
ASSET CLASS	Distrib	UGS Rights	Trans	Office Furn	Data Hndng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Add				
ADDITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFUDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAP INT & TAX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOFTWARE & REPAIRS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BONUS DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAX BASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YR 1 RATE DEPR.	3.750%	5.000%	5.000%	14.286%	20.000%	3.750%	1.177%	1.177%	20.000%	20.000%	33.333%	0	0	0	2016
YR 2 RATE DEPR.	7.219%	9.500%	9.500%	24.490%	32.000%	7.219%	2.564%	2.564%	32.000%	32.000%	33.333%	0	0	0	2017
YR 3 RATE DEPR.	6.678%	8.550%	8.550%	17.493%	19.200%	6.678%	2.564%	2.564%	19.200%	19.200%	33.333%	0	0	0	2018
YR 4 RATE DEPR.	6.178%	7.695%	7.695%	12.495%	11.520%	6.178%	2.564%	2.564%	11.520%	11.520%	0.000%	0	0	0	2019
YR 5 RATE DEPR.	5.715%	6.926%	6.926%	8.925%	11.520%	5.715%	2.564%	2.564%	11.520%	11.520%	0.000%	0	0	0	2020
YR 6 RATE DEPR.	5.287%	6.233%	6.233%	8.925%	5.760%	5.287%	2.564%	2.564%	5.760%	5.760%	0.000%	0	0	0	2021
YR 7 RATE DEPR.	4.890%	5.900%	5.900%	8.925%	0.000%	4.890%	2.564%	2.564%	0.000%	0.000%	0.000%	0	0	0	2022
YR 8 RATE DEPR.	4.523%	5.900%	5.900%	4.461%	0.000%	4.523%	2.564%	2.564%	0.000%	0.000%	0.000%	0	0	0	2023

MACRS DEPRECIATION

METHOD LIFE	150DB 20 Yr	150DB 15 Yr	150DB 15 Yr	200DB 7 Yr	200DB 5 Yr	150DB 20 Yr	SL 39 Yr	SL 39 Yr	200DB 5 Yr	200DB 5 Yr	SL 3 Yr	Sub- Total	Other	Land	TOTAL
ASSET CLASS	Distrib	UGS Rights	Trans	Office Furn	Data Hndng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Add				
ADDITIONS	402,334	83,796	209,490	0	0	11,755	0	43,199	62,751	72,304	96,068	981,697	0	(0)	981,697
AFUDC	(7,330)	(7,065)	(8,816)	0	0	(21)	0	(1,683)	(5,390)	(3,690)	(6,223)	(40,218)	0	0	(40,218)
CAP INT & TAX	3,358	3,236	4,039	0	0	10	0	771	2,469	1,691	2,851	18,424	0	0	18,424
SOFTWARE & REPAIRS	(70,077)		(18,735)								(88,113)	(176,926)	0	0	(176,926)
TAX BASIS	328,285	79,967	185,977	0	0	11,744	0	42,287	59,830	70,304	4,583	782,976	0	(0)	782,976
YR 1 RATE DEPR.	3.750%	5.000%	5.000%	14.286%	20.000%	3.750%	1.177%	1.177%	20.000%	20.000%	33.333%	54,100	0	0	2016
YR 2 RATE DEPR.	7.219%	9.500%	9.500%	24.490%	32.000%	7.219%	2.564%	2.564%	32.000%	32.000%	33.333%	94,066	0	0	2017
YR 3 RATE DEPR.	6.678%	8.550%	8.550%	17.493%	19.200%	6.678%	2.564%	2.564%	19.200%	19.200%	33.333%	73,043	0	0	2018
YR 4 RATE DEPR.	6.178%	7.695%	7.695%	12.495%	11.520%	6.178%	2.564%	2.564%	11.520%	11.520%	0.000%	57,547	0	0	2019
YR 5 RATE DEPR.	5.715%	6.926%	6.926%	8.925%	11.520%	5.715%	2.564%	2.564%	11.520%	11.520%	0.000%	53,928	0	0	2020
YR 6 RATE DEPR.	5.287%	6.233%	6.233%	8.925%	5.760%	5.287%	2.564%	2.564%	5.760%	5.760%	0.000%	43,132	0	0	2021
YR 7 RATE DEPR.	4.890%	5.900%	5.900%	8.925%	0.000%	4.890%	2.564%	2.564%	0.000%	0.000%	0.000%	33,402	0	0	2022
YR 8 RATE DEPR.	4.523%	5.900%	5.900%	4.461%	0.000%	4.523%	2.564%	2.564%	0.000%	0.000%	0.000%	32,154	0	0	2023

Southern California Gas Company
 2016 BLM Depreciation on Capital Additions

Property & Acct.	2016 Vintage FORECAST	AFUDC	50% Cap Interest	Software & Repairs	Other Basis Adj.	TAX INVEST. FORECAST	2016 RM BLM DEPR.	2016 Depreciation For 2016 Additons	$\left(\begin{matrix} 2016 \\ \text{Investment} \\ \text{Forecast} \end{matrix} - \begin{matrix} \text{Other} \\ \text{Basis} \\ \text{Adjustments} \end{matrix} \right) /$	2016 Vintage Forecast	=	2016 RM BLM Depn on 2016 Adds
Distribution TC 49.21												
376-387	402,334	(7,330)	3,358	(70,077)	0	328,285	3,640	4,461	$\left(328,285 - 0 \right) /$	402,334	=	3,640
	402,334	(7,330)	3,358	(70,077)	0	328,285	3,640					
Capital Tools TC 49.21												
394	11,755	(21)	10	0	0	11,744	258	258	$\left(11,744 - 0 \right) /$	11,755	=	258
	11,755	(21)	10	0	0	11,744	258					
Office Furn. TC 00.11												
391	0	0	0	0	0	0	0	0	$\left(0 - 0 \right) /$	0	=	0
	0	0	0	0	0	0	0					
Data Equip TC 00.13												
391.1	0	0	0	0	0	0	0	0	$\left(0 - 0 \right) /$	0	=	0
	0	0	0	0	0	0	0					
Computer Equipment TC 00.12												
391	72,304	(3,690)	1,691	0	0	70,304	1,472	1,514	$\left(70,304 - 0 \right) /$	72,304	=	1,472
	72,304	(3,690)	1,691	0	0	70,304	1,472					
Underground Storage TC 49.24												
350, 352-358	83,796	(7,065)	3,236	0	0	79,967	870	911	$\left(79,967 - 0 \right) /$	83,796	=	870
	83,796	(7,065)	3,236	0	0	79,967	870					
Transmission TC 49.24B												
367-371	209,490	(8,816)	4,039	(18,735)	0	185,977	1,117	1,258	$\left(185,977 - 0 \right) /$	209,490	=	1,117
	209,490	(8,816)	4,039	(18,735)	0	185,977	1,117					
Buildings TC 65												
351, 366, 375, 390	43,199	(1,683)	771	0	0	42,287	278	284	$\left(42,287 - 0 \right) /$	43,199	=	278
	43,199	(1,683)	771	0	0	42,287	278					
Land Imp TC 00.3												
390	0	0	0	0	0	0	0	0	$\left(0 - 0 \right) /$	0	=	0
	0	0	0	0	0	0	0					
Communication Equipmt TC 48.14												
397	62,751	(5,390)	2,469	0	0	59,830	77	81	$\left(59,830 - 0 \right) /$	62,751	=	77
	62,751	(5,390)	2,469	0	0	59,830	77					
Land&Other												
	0	0	0	0	0	0	0	0	$\left(0 - 0 \right) /$	0	=	0
	0	0	0	0	0	0	0					
Software												
	96,068	(6,223)	2,851	(88,113)	0	4,583	142	2,971	$\left(4,583 - 0 \right) /$	96,068	=	142
	96,068	(6,223)	2,851	(88,113)	0	4,583	142					
TOTALS	981,697	(40,218)	18,424	(176,926)	0	782,976	7,854	11,739				

Southern California Gas Company
2015 BLM Depreciation on Capital Additions

Property & Acct.	2015 VintAGE FORECAST	AFUDC	50% Cap Interest	Software & Repairs	Other Basis Adj.	TAX INVEST. FORECAST	2015 RM BLM DEPR.	2016 RM BLM DEPR.	2015 Depreciation For 2015 Additons	(2015 Tax Investment Forecast - Other Basis Adjustments) /	2015 Vintage =	2015 RM BLM Depn on 2015 Adds	2016 Depreciation For 2015 Additons	(2015 Tax Investment Forecast - Other Basis Adjustments) /	2015 Vintage =	2016 RM BLM Depn on 2015 Adds
Distribution																
TC 49.21																
376-387	342,229	(7,027)	3,219	(68,679)	0	269,742	3,250	7,255	4,123	- (269,742 - 0) /	342,229 =	3,250	9,204	- (269,742 - 0) /	342,229 =	7,255
	342,229	(7,027)	3,219	(68,679)	0	269,742	3,250	7,255								
Capital Tools																
TC 49.21																
394	9,859	(19)	9	0	0	9,848	212	466	212	- (9,848 - 0) /	9,859 =	212	467	- (9,848 - 0) /	9,859 =	466
	9,859	(19)	9	0	0	9,848	212	466								
Office Furn.																
TC 00.11																
391	257	(8)	4	0	0	252	7	23	7	- (252 - 0) /	257 =	7	23	- (252 - 0) /	257 =	23
	257	(8)	4	0	0	252	7	23								
Data Equip																
TC 00.13																
391.1	0	0	0	0	0	0	0	0	0	- (0 - 0) /	0 =	0	0	- (0 - 0) /	0 =	0
	0	0	0	0	0	0	0	0								
Computer Equipment																
TC 00.12																
391	31,659	(1,171)	536	0	0	31,025	1,969	6,275	2,010	- (31,025 - 0) /	31,659 =	1,969	6,403	- (31,025 - 0) /	31,659 =	6,275
	31,659	(1,171)	536	0	0	31,025	1,969	6,275								
Underground StorAGe																
TC 49.24																
350, 352-358	83,924	(5,514)	2,526	0	0	80,936	1,013	2,228	1,050	- (80,936 - 0) /	83,924 =	1,013	2,311	- (80,936 - 0) /	83,924 =	2,228
	83,924	(5,514)	2,526	0	0	80,936	1,013	2,228								
Transmission																
TC 49.24B																
367-371	139,213	(5,989)	2,743	(18,799)	0	117,170	730	2,771	868	- (117,170 - 0) /	139,213 =	730	3,292	- (117,170 - 0) /	139,213 =	2,771
	139,213	(5,989)	2,743	(18,799)	0	117,170	730	2,771								
Buildings																
TC 65																
351, 366, 375, 390	39,006	(1,650)	756	0	0	38,111	937	783	959	- (38,111 - 0) /	39,006 =	937	801	- (38,111 - 0) /	39,006 =	783
	39,006	(1,650)	756	0	0	38,111	937	783								
Land Imp																
TC 00.3																
390	0	0	0	0	0	0	0	0	0	- (0 - 0) /	0 =	0	0	- (0 - 0) /	0 =	0
	0	0	0	0	0	0	0	0								
Communication Equipmt																
TC 48.14																
397	24,078	(1,015)	465	0	0	23,528	128	4,548	131	- (23,528 - 0) /	24,078 =	128	4,655	- (23,528 - 0) /	24,078 =	4,548
	24,078	(1,015)	465	0	0	23,528	128	4,548								
Land&Other																
	0	0	0	0	0	0	0	0	0	- (0 - 0) /	0 =	0	0	- (0 - 0) /	0 =	0
	0	0	0	0	0	0	0	0								
Software																
	76,857	(3,794)	1,738	(62,870)	0	11,931	661	1,959	4,258	- (11,931 - 0) /	76,857 =	661	12,620	- (11,931 - 0) /	76,857 =	1,959
	76,857	(3,794)	1,738	(62,870)	0	11,931	661	1,959								
TOTALS	747,080	(26,186)	11,996	(150,347)	0	582,542	8,906	26,308	13,616				39,776			

Southern California Gas Company
2014 Ratemaking Deferred Tax Depreciation on Capital Additions

50% BONUS DEPRECIATION

METHOD >>>>>>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	SL	SL	200DB	200DB	SL							
LIFE >>>>>>>>>>>>	15 Yr	15 Yr	15 Yr	7 Yr	5 Yr	20 Yr	39 Yr	39 Yr	5 Yr	5 Yr	3 Yr							
	Distrib	UGS Right	Trans	Office	Data	Capital	Prop	Bldg	Comm	Computer	Soft Ware	Sub-	Other	Land	TOTAL			
Asset Class				Furn	Hndng	Tools	Ld Imp		Equip	Equip	Adds	Total						
ADDITIONS	325,604	60,641	87,687	282	0	8,419	0	0	18,733	58,040	0	559,406	0	0	559,406			
AFUDC	(6,415)	(3,973)	(5,124)	(10)	0	(19)	0	0	(493)	(2,469)	0	(18,503)	0	0	(18,503)			
CAP INT & TAX	2,939	1,820	2,347	4	0	9	0	0	226	1,131	0	8,476	0	0	8,476			
SOFTWARE & REPAIRS	(70,093)		(17,267)								0	(87,360)	0	0	(87,360)			
BONUS DEPR	(126,017)	(29,244)	(33,822)	(138)	0	(4,204)	0	0	(9,233)	(28,351)	0	(231,010)	0	0	(231,010)			
TAX BASIS	126,017	29,244	33,822	138	0	4,204	0	0	9,233	28,351	0	231,010	0	0	231,010			
YR 1 RATE DEPR.	5.000%	5.000%	5.000%	14.286%	20.000%	3.750%	1.177%	1.177%	20.000%	20.000%	33.333%		17,148		2014			
YR 2 RATE DEPR.	9.500%	9.500%	9.500%	24.490%	32.000%	7.219%	2.564%	2.564%	32.000%	32.000%	33.333%		30,327		2015			
YR 3 RATE DEPR.	8.550%	8.550%	8.550%	17.493%	19.200%	6.678%	2.564%	2.564%	19.200%	19.200%	33.333%		23,688		2016			
YR 4 RATE DEPR.	7.695%	7.695%	7.695%	12.495%	11.520%	6.178%	2.564%	2.564%	11.520%	11.520%	0.000%		19,157		2017			
YR 5 RATE DEPR.	9.926%	6.926%	6.926%	8.925%	11.520%	5.715%	2.564%	2.564%	11.520%	11.520%	0.000%		21,459		2018			
YR 6 RATE DEPR.	6.233%	6.233%	6.233%	8.925%	5.760%	5.287%	2.564%	2.564%	5.760%	5.760%	0.000%		14,185		2019			
YR 7 RATE DEPR.	5.900%	5.900%	5.900%	8.925%	0.000%	4.890%	2.564%	2.564%	0.000%	0.000%	0.000%		11,374		2020			
YR 8 RATE DEPR.	5.900%	5.900%	5.900%	4.461%	0.000%	4.523%	2.564%	2.564%	0.000%	0.000%	0.000%		11,352		2021			

Bonus Depreciation Input: 50%

100% BONUS DEPRECIATION

METHOD >>>>>>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	SL	SL	200DB	200DB	SL							
LIFE >>>>>>>>>>>>	15 Yr	15 Yr	15 Yr	7 Yr	5 Yr	20 Yr	39 Yr	39 Yr	5 Yr	5 Yr	3 Yr							
	Distrib	UGS Right	Trans	Office	Data	Capital	Prop	Bldg	Comm	Computer	Soft Ware	Sub-	Other	Land	TOTAL			
Asset Class				Furn	Hndng	Tools	Ld Imp		Equip	Equip	Adds	Total						
ADDITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
AFUDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CAP INT & TAX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SOFTWARE & REPAIRS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
BONUS DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TAX BASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
YR 1 RATE DEPR.	5.000%	5.000%	5.000%	14.286%	20.000%	3.750%	1.177%	1.177%	20.000%	20.000%	33.333%		0		2014			
YR 2 RATE DEPR.	9.500%	9.500%	9.500%	24.490%	32.000%	7.219%	2.564%	2.564%	32.000%	32.000%	33.333%		0		2015			
YR 3 RATE DEPR.	8.550%	8.550%	8.550%	17.493%	19.200%	6.678%	2.564%	2.564%	19.200%	19.200%	33.333%		0		2016			
YR 4 RATE DEPR.	7.695%	7.695%	7.695%	12.495%	11.520%	6.178%	2.564%	2.564%	11.520%	11.520%	0.000%		0		2017			
YR 5 RATE DEPR.	9.926%	6.926%	6.926%	8.925%	11.520%	5.715%	2.564%	2.564%	11.520%	11.520%	0.000%		0		2018			
YR 6 RATE DEPR.	6.233%	6.233%	6.233%	8.925%	5.760%	5.287%	2.564%	2.564%	5.760%	5.760%	0.000%		0		2019			
YR 7 RATE DEPR.	5.900%	5.900%	5.900%	8.925%	0.000%	4.890%	2.564%	2.564%	0.000%	0.000%	0.000%		0		2020			
YR 8 RATE DEPR.	5.900%	5.900%	5.900%	4.461%	0.000%	4.523%	2.564%	2.564%	0.000%	0.000%	0.000%		0		2021			

MACRS DEPRECIATION

METHOD >>>>>>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	SL	SL	200DB	200DB	SL							
LIFE >>>>>>>>>>>>	15 Yr	15 Yr	15 Yr	7 Yr	5 Yr	20 Yr	39 Yr	39 Yr	5 Yr	5 Yr	3 Yr							
	Distrib	UGS Right	Trans	Office	Data	Capital	Prop	Bldg	Comm	Computer	Soft Ware	Sub-	Other	Land	TOTAL			
Asset Class				Furn	Hndng	Tools	Ld Imp		Equip	Equip	Adds	Total						
ADDITIONS	0	0	0	0	0	0	0	23,742	0	0	80,846	104,588	0	20	104,607			
AFUDC	0	0	0	0	0	0	0	(966)	0	0	(3,737)	(4,703)	0	0	(4,703)			
CAP INT & TAX	0	0	0	0	0	0	0	442	0	0	1,712	2,155	0	0	2,155			
SOFTWARE & REPAIRS	0	0	0	0	0	0	0	0	0	0	(56,049)	(56,049)	0	0	(56,049)			
TAX BASIS	0	0	0	0	0	0	0	23,219	0	0	22,771	45,990	0	20	46,009			
YR 1 RATE DEPR.	5.000%	5.000%	5.000%	14.286%	20.000%	3.750%	1.177%	1.177%	20.000%	20.000%	33.333%		7,864		2014			
YR 2 RATE DEPR.	9.500%	9.500%	9.500%	24.490%	32.000%	7.219%	2.564%	2.564%	32.000%	32.000%	33.333%		8,186		2015			
YR 3 RATE DEPR.	8.550%	8.550%	8.550%	17.493%	19.200%	6.678%	2.564%	2.564%	19.200%	19.200%	33.333%		8,186		2016			
YR 4 RATE DEPR.	7.695%	7.695%	7.695%	12.495%	11.520%	6.178%	2.564%	2.564%	11.520%	11.520%	0.000%		595		2017			
YR 5 RATE DEPR.	9.926%	6.926%	6.926%	8.925%	11.520%	5.715%	2.564%	2.564%	11.520%	11.520%	0.000%		595		2018			
YR 6 RATE DEPR.	6.233%	6.233%	6.233%	8.925%	5.760%	5.287%	2.564%	2.564%	5.760%	5.760%	0.000%		595		2019			
YR 7 RATE DEPR.	5.900%	5.900%	5.900%	8.925%	0.000%	4.890%	2.564%	2.564%	0.000%	0.000%	0.000%		595		2020			
YR 8 RATE DEPR.	5.900%	5.900%	5.900%	4.461%	0.000%	4.523%	2.564%	2.564%	0.000%	0.000%	0.000%		595		2021			

Southern California Gas Company
 2014 BLM Depreciation on Capital Additions

Property & Acct.	2014 Vintage FORECAST	AFUDC	Cap Interest	Software & Repairs	Other Basis Adj.	TAX INVEST. FORECAST	2014 RM BLM DEPREC.	2015 RM BLM DEPR.	2016 RM BLM DEPR.	2014 Depreciation For 2014 Additions	(2014 Tax Investment Forecast - Other Basis Adjustments)	2014 Vintage Forecast	2014 RM BLM Depn on 2014 Add	2016 Depreciation For 2014 Additions	(2016 Tax Investment Forecast - Other Basis Adjustments)	2016 Vintage Forecast	2016 RM BLM Depn on 2014 Add	2015 Depreciation For 2014 Additions	(2015 Tax Investment Forecast - Other Basis Adjustments)	2015 Vintage Forecast	2015 RM BLM Depn on 2014 Add
Distribution																					
TC 49.21																					
376-387	325,604	(6,415)	2,939	(70,093)	0	252,034	3,019	7,462	6,778	3,901	{ 252,034 - 0 }	325,604	= 3,019	9,640	{ 252,034 - 0 }	325,604	= 7,462	8,757	{ 252,034 - 0 }	325,604	= 6,778
	325,604	(6,415)	2,939	(70,093)	0	252,034	3,019	7,462	6,778												
Capital Tools																					
TC 49.21																					
394	8,419	(19)	9	0	0	8,409	185	400	400	185	{ 8,409 - 0 }	8,419	= 185	400	{ 8,409 - 0 }	8,419	= 400	400	{ 8,409 - 0 }	8,419	= 400
	8,419	(19)	9	0	0	8,409	185	400	400												
Office Furn.																					
TC 00.11																					
391	282	(10)	4	0	0	276	9	25	25	9	{ 276 - 0 }	282	= 9	25	{ 276 - 0 }	282	= 25	25	{ 276 - 0 }	282	= 25
	282	(10)	4	0	0	276	9	25	25												
Data Equip																					
TC 00.13																					
391.1	0	0	0	0	0	0	0	0	0	0	{ 0 - 0 }	0	= 0	0	{ 0 - 0 }	0	= 0	0	{ 0 - 0 }	0	= 0
	0	0	0	0	0	0	0	0	0												
Computer Equipment																					
TC 00.12																					
391	58,040	(2,469)	1,131	0	0	56,702	3,302	11,468	11,468	3,380	{ 56,702 - 0 }	58,040	= 3,302	11,739	{ 56,702 - 0 }	58,040	= 11,468	11,739	{ 56,702 - 0 }	58,040	= 11,468
	58,040	(2,469)	1,131	0	0	56,702	3,302	11,468	11,468												
Underground Storage																					
TC 49.24																					
350, 352-358	60,641	(3,973)	1,820	0	0	58,489	824	1,715	1,610	854	{ 58,489 - 0 }	60,641	= 824	1,779	{ 58,489 - 0 }	60,641	= 1,715	1,670	{ 58,489 - 0 }	60,641	= 1,610
	60,641	(3,973)	1,820	0	0	58,489	824	1,715	1,610												
Transmission																					
TC 49.24B																					
367-371	87,687	(5,124)	2,347	(17,267)	0	67,643	430	1,455	1,600	558	{ 67,643 - 0 }	87,687	= 430	1,886	{ 67,643 - 0 }	87,687	= 1,455	2,074	{ 67,643 - 0 }	87,687	= 1,600
	87,687	(5,124)	2,347	(17,267)	0	67,643	430	1,455	1,600												
Buildings																					
TC 65																					
351, 366, 375, 390	23,742	(966)	442	0	0	23,219	438	1,652	518	447	{ 23,219 - 0 }	23,742	= 438	1,689	{ 23,219 - 0 }	23,742	= 1,652	530	{ 23,219 - 0 }	23,742	= 518
	23,742	(966)	442	0	0	23,219	438	1,652	518												
Land Imp																					
TC 00.3																					
390	0	0	0	0	0	0	0	0	0	0	{ 0 - 0 }	0	= 0	0	{ 0 - 0 }	0	= 0	0	{ 0 - 0 }	0	= 0
	0	0	0	0	0	0	0	0	0												
Communication Equipmt																					
TC 48.14																					
397	18,733	(493)	226	0	0	18,466	1,431	2,565	2,573	1,451	{ 18,466 - 0 }	18,733	= 1,431	2,602	{ 18,466 - 0 }	18,733	= 2,565	2,610	{ 18,466 - 0 }	18,733	= 2,573
	18,733	(493)	226	0	0	18,466	1,431	2,565	2,573												
Land&Other																					
	0	0	0	0	0	0	0	0	0	0	{ 0 - 0 }	0	= 0	0	{ 0 - 0 }	0	= 0	0	{ 0 - 0 }	0	= 0
	0	0	0	0	0	0	0	0	0												
Software																					
	80,846	(3,737)	1,712	(56,049)	0	22,771	944	3,997	3,997	3,351	{ 22,771 - 0 }	80,846	= 944	14,192	{ 22,771 - 0 }	80,846	= 3,997	14,192	{ 22,771 - 0 }	80,846	= 3,997
	80,846	(3,737)	1,712	(56,049)	0	22,771	944	3,997	3,997												
TOTALS	663,994	(23,207)	10,631	(143,409)	0	508,010	10,582	30,738	28,969	14,137				43,951				41,996			

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

**Southern California Gas Company
2013 Ratemaking Deferred Tax Depreciation on Capital Additions**

METHOD >>>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	SL	SL	200DB	200DB	SL				
LIFE >>>>>>>	15 Yr	15 Yr	15 Yr	7 Yr	5 Yr	20 Yr	39 Yr	39 Yr	5Yr	5 Yr	3 Yr				
Asset Class	Distrib	UGS Rights	Trans	Office Furn	Data Hndlng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Adds	Sub- Total	Other	Non- Depr	TOTAL
ADDITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAX BASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YR 1 RATE DEPR.	5.00% 0	5.00% 0	5.00% 0	14.29% 0	20.00% 0	3.75% 0	1.18% 0	1.18% 0	20.00% 0	20.00% 0	33.33% 0	0		2013	
YR 2 RATE DEPR.	9.50% 0	9.50% 0	9.50% 0	24.49% 0	32.00% 0	7.22% 0	2.56% 0	2.56% 0	32.00% 0	32.00% 0	33.33% 0	0		2014	
YR 3 RATE DEPR.	8.55% 0	8.55% 0	8.55% 0	17.49% 0	19.20% 0	6.68% 0	2.56% 0	2.56% 0	19.20% 0	19.20% 0	33.33% 0	0		2015	
YR 4 RATE DEPR.	7.70% 0	7.70% 0	7.70% 0	12.50% 0	11.52% 0	6.18% 0	2.56% 0	2.56% 0	11.52% 0	11.52% 0	0.00% 0	0		2016	
YR 5 RATE DEPR.	9.93% 0	6.93% 0	6.93% 0	8.93% 0	11.52% 0	5.72% 0	2.56% 0	2.56% 0	11.52% 0	11.52% 0	0.00% 0	0		2017	
YR 6 RATE DEPR.	6.23% 0	6.23% 0	6.23% 0	8.93% 0	5.76% 0	5.29% 0	2.56% 0	2.56% 0	5.76% 0	5.76% 0	0.00% 0	0		2018	
YR 7 RATE DEPR.	5.90% 0	5.90% 0	5.90% 0	8.93% 0	0.00% 0	4.89% 0	2.56% 0	2.56% 0	0.00% 0	0.00% 0	0.00% 0	0		2019	
YR 8 RATE DEPR.	5.90% 0	5.90% 0	5.90% 0	4.46% 0	0.00% 0	4.52% 0	2.56% 0	2.56% 0	0.00% 0	0.00% 0	0.00% 0	0		2020	

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Southern California Gas Company
2013 BLM Depreciation on Capital Additions

Property & Acct.	2013 Vintage FORECAST	AFUDC	Cap Interest	Cap Taxes	Other Basis Adj.	TAX INVEST. FORECAST	2014 RM BLM DEPREC.	2015 RM BLM DEPR.	2016 RM BLM DEPR.
Distribution									
TC 49.21									
376-387	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
CapitAM Tools									
TC 49.21									
394	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Office Furn.									
TC 00.11									
391	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Data Equip									
TC 00.13									
391.1	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Computer Equipment									
TC 00.12									
391	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Underground Storage									
TC 49.24									
350, 352-358	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Transmission									
TC 49.24B									
367-371	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Buildings									
TC 65									
351, 366, 375, 390	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Land Imp									
TC 00.3									
390	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Communication Equipmt									
TC 48.14									
397	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Land&Other									
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Software									
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

SCG 86 TRA - Capitalized Interest Adjustment
DR/(CR)

Capitalized Interest Addback	2014	2015	2016
1 Excluded from Ratemaking BLM (Area 99)	10,631	11,996	18,424
	35%	35%	35%
	<u>3,721</u>	<u>4,199</u>	<u>6,448</u>
2 Excluded from Ratemaking State (Area 98)	10,631	11,996	18,424
	5.746%	5.746%	5.746%
	<u>611</u>	<u>689</u>	<u>1,059</u>
3 Federal Depreciation	(399)	(1,217)	(2,267)
	35%	35%	35%
	<u>(140)</u>	<u>(426)</u>	<u>(793)</u>
State Depreciation	(304)	(933)	(1,749)
	5.746%	5.746%	5.746%
	<u>(17)</u>	<u>(54)</u>	<u>(100)</u>
Total 86 TRA - Capitalized Interest Adjustment	<u>4,175</u>	<u>4,408</u>	<u>6,613</u>

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

SCG Capitalized Interest - Depreciation of 50%

2014

10,631

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
--	--------	--------	--------	--------	--------	--------	--------

ANNUAL DEPRECIATION:

FEDERAL Return		399	767	710	657	607	562	520
[20Yr DDB/SL]	Factor >>>	0.03750	0.07219	0.06677	0.06177	0.05713	0.05285	0.04888
STATE Return		304	590	556	525	494	467	440
[35Yr 200DDB/SL]	Factor >>>	0.02860	0.05550	0.05230	0.04940	0.04650	0.04390	0.04140

2015

11,996

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
--	--------	--------	--------	--------	--------	--------	--------

ANNUAL DEPRECIATION:

FEDERAL Return		450	866	801	741	685	634	586
[20Yr DDB/SL]	Factor >>>	0.03750	0.07219	0.06677	0.06177	0.05713	0.05285	0.04888
STATE Return		343	666	627	593	558	527	497
[35Yr 200DDB/SL]	Factor >>>	0.02860	0.05550	0.05230	0.04940	0.04650	0.04390	0.04140

2016

18,424

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
--	--------	--------	--------	--------	--------	--------	--------

ANNUAL DEPRECIATION:

FEDERAL Return		691	1,330	1,230	1,138	1,053	974	901
[20Yr DDB/SL]	Factor >>>	0.03750	0.07219	0.06677	0.06177	0.05713	0.05285	0.04888
STATE Return		527	1,023	964	910	857	809	763
[35Yr 200DDB/SL]	Factor >>>	0.02860	0.05550	0.05230	0.04940	0.04650	0.04390	0.04140

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

DB / (CR)

Actual	Estimated		
2013	2014	2015	2016

Deferred Taxes - Asset/(Liab)

Beginning of Year Balance	108,457	115,684	122,310	127,640
End of Year Balance	115,684	122,310	127,640	132,159
Weighted Average	112,055	118,997	124,975	129,900

Deferred Revenue

Beginning of Year Balance	0	(33,179)	(33,719)	(35,136)
End of Year Balance	(33,179)	(33,719)	(35,136)	(36,065)
Weighted Average	(33,179)	(33,449)	(34,427)	(35,600)

CIAC DTx	CIAC Drev
108,457	(33,179)
108,457	(33,179)
108,457	(33,179)
109,316	(33,179)
109,316	(33,179)
109,316	(33,179)
113,098	(33,179)
113,098	(33,179)
113,098	(33,179)
116,109	(33,179)
116,109	(33,179)
116,217	(33,179)
115,684	(33,179)
1,456,733	(431,330)
112,071	(33,179)
1,344,662	(398,151)
112,055	(33,179)

Southern California Gas Company
 2016 GRC – APP
 Shared Service Workpapers

	Asset ID	Yr 2014	Yr 2015	Yr 2016
Total Collectible Expenditures (Both Dist & Trans)	100 / 70	10,758	6,290	5,473
Total Taxable CIAC Percentage (Both Dist & Trans)	100 / 70	64.3%	64.3%	64.3%
Total Taxable CIAC (Both Dist & Trans)	100 / 70	6,913	4,042	3,517

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

DB / (CR)	Actual	Estimated		
	2013	2014	2015	2016
Forecasted Taxable CIAC		(6,913)	(4,042)	(3,517)
Plus Gross-up		(1,521)	(1,415)	(1,231)
Less ITCCA (CIAC Amort)		1,335	1,382	1,444
Forecasted CAC Forfeitures		(9,399)	(9,244)	(9,084)
Plus Gross-up		(2,068)	(3,235)	(3,179)
Less ITCCA (CAC Amort)		1,714	1,852	2,037
<u>Deferred Taxes - Asset/(Liab)</u>				
Deferred Income Tax Expense		6,626	5,330	4,519
Beginning of Year Balance		115,684	122,310	127,640
End of Year Balance	115,684	122,310	127,640	132,159
Weighted Average	112,055	118,997	124,975	129,900
<u>Deferred Revenue</u>				
Deferred Revenue		(540)	(1,416)	(929)
Beginning of Year Balance		(33,179)	(33,719)	(35,136)
End of Year Balance	(33,179)	(33,719)	(35,136)	(36,065)
Weighted Average	33,179	(33,449)	(34,427)	(35,600)

CIAC DTx	CIAC Drev
108,457	(33,179)
108,457	(33,179)
108,457	(33,179)
109,316	(33,179)
109,316	(33,179)
109,316	(33,179)
113,098	(33,179)
113,098	(33,179)
113,098	(33,179)
116,109	(33,179)
116,109	(33,179)
116,217	(33,179)
115,684	(33,179)
1,456,733	(431,330)
112,071	(33,179)
1,344,662	(398,151)
112,055	(33,179)

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

**SCG Depr Adjustment
DR/(CR)**

	2014	2015	2016
1 Federal Depreciation - CIAC Advances + CAC Forf.	(612)	(1,676)	(2,521)
	X 35%	X 35%	X 35%
	(214)	(587)	(882)
2 State Depreciation - CIAC Advances + CAC Forf.	(467)	(1,285)	(1,951)
	X 5.746%	X 5.746%	X 5.746%
	(27)	(74)	(112)
Ttl Dfd Tx-CAC/CIAC Depr on 2013-2016 Addns	(241)	(660)	(994)

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

SCG Depreciation on CIAC Advances and CAC Forfeitures (Advance piece only)

2014	16,312	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>	<u>Year 7</u>
ANNUAL DEPRECIATION:								
FEDERAL Return [20Yr DDB/SL]		<u>612</u> Factor >>> 0.03750	<u>1,178</u> 0.07219	<u>1,089</u> 0.06677	<u>1,008</u> 0.06177	<u>932</u> 0.05713	<u>862</u> 0.05285	<u>797</u> 0.04888
STATE Return [35Yr 200DDB/SL]		<u>467</u> Factor >>> 0.02860	<u>905</u> 0.05550	<u>853</u> 0.05230	<u>806</u> 0.04940	<u>759</u> 0.04650	<u>716</u> 0.04390	<u>675</u> 0.04140

2015	13,286	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>	<u>Year 7</u>
ANNUAL DEPRECIATION:								
FEDERAL Return [20Yr DDB/SL]		<u>498</u> Factor >>> 0.03750	<u>959</u> 0.07219	<u>887</u> 0.06677	<u>821</u> 0.06177	<u>759</u> 0.05713	<u>702</u> 0.05285	<u>649</u> <u>797</u> 0.04888 0.04888
STATE Return [35Yr 200DDB/SL]		<u>380</u> Factor >>> 0.02860	<u>737</u> 0.05550	<u>695</u> 0.05230	<u>656</u> 0.04940	<u>618</u> 0.04650	<u>583</u> 0.04390	<u>550</u> <u>675</u> 0.04140 0.04140

2016	12,601	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>	<u>Year 7</u>
ANNUAL DEPRECIATION:								
FEDERAL Return [20Yr DDB/SL]		<u>473</u> Factor >>> 0.03750	<u>910</u> 0.07219	<u>841</u> 0.06677	<u>778</u> 0.06177	<u>720</u> 0.05713	<u>666</u> 0.05285	<u>616</u> <u>797</u> 0.04888 0.04888
STATE Return [35Yr 200DDB/SL]		<u>360</u> Factor >>> 0.02860	<u>699</u> 0.05550	<u>659</u> 0.05230	<u>622</u> 0.04940	<u>586</u> 0.04650	<u>553</u> 0.04390	<u>522</u> <u>675</u> 0.04140 0.04140

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

SCG - 2013

SAP Accts:	2411001	2411002	2413001	2413002	Total
Dec-12	76,742,356	18,646,981	6,756,834	6,311,045	108,457,216
Jan-13	76,742,356	18,646,981	6,756,834	6,311,045	108,457,216
Feb-13	76,742,356	18,646,981	6,756,834	6,311,045	108,457,216
Mar-13	76,896,888	18,689,796	7,274,778	6,454,548	109,316,010
Apr-13	76,896,888	18,689,796	7,274,778	6,454,548	109,316,010
May-13	76,896,888	18,689,796	7,274,778	6,454,548	109,316,010
Jun-13	78,527,627	19,141,615	8,605,506	6,823,245	113,097,993
Jul-13	78,527,627	19,141,615	8,605,506	6,823,245	113,097,993
Aug-13	78,527,627	19,141,615	8,605,506	6,823,245	113,097,993
Sep-13	79,717,021	19,471,153	9,773,843	7,146,949	116,108,966
Oct-13	79,717,021	19,471,153	9,773,843	7,146,949	116,108,966
Nov-13	79,786,139	19,490,303	9,789,050	7,151,162	116,216,654
Dec-13	81,254,618	19,897,166	7,982,167	6,550,540	115,684,491

SAP Accts:	2355000	2355002	Total
Dec-13	(17,653,040)	(15,526,175)	(33,179,215)

Southern California Gas Company
 2016 GRC – APP
 Shared Service Workpapers

Actual	Estimated		
2013	2014	2015	2016

DB / (CR)				
<u>Deferred Tax ITC</u>				
Beginning of Year Balance	0	0	0	0
End of Year Balance	0	0	0	0
Weighted Average	0	0	0	0

ITC DTx
0
-
-
-
-
-
-
-
-
-
-
-
0
0
0
0

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

	DR (CR)
Weighted Average Deferred Tax Balance - 2014	(11,482)
Weighted Average Deferred Tax Balance - 2015	(11,301)
Weighted Average Deferred Tax Balance - 2016	(7,192)

INPUT VARIABLES FOR DEFERRED TAXES

FEDERAL STATUTORY RATE 35%

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

	2016
DEFERRED TAX BALANCE @ 12/31/15	(7,462)
RM BLM 2016 Depr on 2013 and Prior Vintages	33,398
RM Fed Tax 2016 Depr on 1981-2013 Vintages	12,438
	20,960
	35%
	7,336
2016 FORECASTED CAPITAL ADDITIONS	151,713
2016 RM BLM DEPRECIATION ON 2014 - 2016 CAPITAL ADDITIONS	16,587
2016 RM FED TAX DEPRECIATION ON 2014 - 2016 CAPITAL ADDITIONS	35,936
	(19,349)
TAX RATE	35%
DEFERRED TAX ON CAPITAL ADDITIONS - DR./ (CR.)	(6,772)
ARAM AMORTIZATION	0
86 TRA - CAPITALIZED INTEREST	609
OTHER ADJUSTMENTS	0
DEFERRED TAX BALANCE @ 12/31/16	(6,289)
WEIGHTED AVERAGE DEFERRED TAX BALANCE DR (CR)	(7,192)

366

					(7,462)
jan	98	0.9153	89	335	(7,373)
feb	98	0.8306	81	304	(7,291)
mar	98	0.7541	74	276	(7,218)
apr	98	0.6694	65	245	(7,152)
may	98	0.5874	57	215	(7,095)
jun	98	0.5027	49	184	(7,046)
jul	98	0.4208	41	154	(7,005)
aug	98	0.3361	33	123	(6,972)
sep	98	0.2514	25	92	(6,947)
oct	98	0.1694	17	62	(6,931)
nov	98	0.0847	8	31	(6,922)
dec	98	0.0027	0	1	(6,922)
Prorated additions			540		
Beginning of year balance					(7,462)
Prorated end of year balance					(6,922)
Average					(7,192)

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

		2015
DEFERRED TAX BALANCE @ 12/31/14		(12,454)
RM BLM 2015 Depr on 2013 and Prior Vintages	34,398	
RM Fed Tax 2015 Depr on 1981-2013 Vintages	15,438	
	18,960	
	35%	
		6,636
2015 FORECASTED CAPITAL ADDITIONS	59,121	
2015 RM BLM DEPRECIATION ON 2014 - 2015 CAPITAL ADDITIONS	10,124	
2015 RM FED TAX DEPRECIATION ON 2014 - 2015 CAPITAL ADDITIONS	15,191	
	(5,067)	
TAX RATE	35%	
DEFERRED TAX ON CAPITAL ADDITIONS - DR./ (CR.)		(1,773)
ARAM AMORTIZATION		0
86 TRA - CAPITALIZED INTEREST		129
OTHER ADJUSTMENTS		0
DEFERRED TAX BALANCE @ 12/31/15		(7,462)
WEIGHTED AVERAGE DEFERRED TAX BALANCE DR (CR)		(11,301)

365

					(12,454)
jan	416	0.9178	382	335	(12,072)
feb	416	0.8329	346	304	(11,725)
mar	416	0.7562	315	276	(11,411)
apr	416	0.6712	279	245	(11,132)
may	416	0.5890	245	215	(10,887)
jun	416	0.5041	210	184	(10,677)
jul	416	0.4219	176	154	(10,501)
aug	416	0.3370	140	123	(10,361)
sep	416	0.2521	105	92	(10,256)
oct	416	0.1699	71	62	(10,186)
nov	416	0.0849	35	31	(10,150)
dec	416	0.0027	1	1	(10,149)
Prorated additions			2,304		
Beginning of year balance					(12,454)
Prorated end of year balance					(10,149)
Average					(11,301)

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

	2014	
DEFERRED TAX BALANCE @ 12/31/13	(11,191)	
RM BLM 2014 Depr on 2013 and Prior Vintages	35,398	
RM FED TAX 2014 DEPR ON 1981-2013 VINTAGES	18,290	
	17,108	
	35%	
	5,988	
2014 FORECASTED CAPITAL ADDITIONS	62,402	
2014 RM BLM DEPRECIATION ON 2014 CAPITAL ADDITIONS	2,953	
2014 RM FED TAX DEPRECIATION ON 2014 CAPITAL ADDITIONS	24,103	
	(21,150)	
TAX RATE	35%	
DEFERRED TAX ON CAPITAL ADDITIONS - DR./ (CR.)	(7,403)	
ARAM AMORTIZATION	0	
86 TRA - CAPITALIZED INTEREST	152	
OTHER ADJUSTMENTS	0	
DEFERRED TAX BALANCE @ 12/31/14	(12,454)	
WEIGHTED AVERAGE DEFERRED TAX BALANCE DR (CR)	(11,482)	

365

					(11,191)
jan	(105)	0.9178	(97)	335	(11,288)
feb	(105)	0.8329	(88)	304	(11,375)
mar	(105)	0.7562	(80)	276	(11,455)
apr	(105)	0.6712	(71)	245	(11,525)
may	(105)	0.5890	(62)	215	(11,587)
jun	(105)	0.5041	(53)	184	(11,640)
jul	(105)	0.4219	(44)	154	(11,685)
aug	(105)	0.3370	(35)	123	(11,720)
sep	(105)	0.2521	(27)	92	(11,747)
oct	(105)	0.1699	(18)	62	(11,765)
nov	(105)	0.0849	(9)	31	(11,774)
dec	(105)	0.0027	(0)	1	(11,774)
Prorated additions			(583)		
Beginning of year balance			(11,191)		
Prorated end of year balance			(11,774)		
Average			(11,482)		

Southern California Gas Company
 2016 GRC – APP
 Shared Service Workpapers

Southern California Gas Company
 Ratemaking Deferred Tax Depreciation - Shared Service
 Area 97

	2013	2014	2015	2016
Vintage 1981-2013	24,438	18,290	15,438	12,438
2014 Additions		24,103	7,763	5,386
2015 Additions			7,429	11,759
2016 Additions				18,791
Total Area 97 Ratemaking Fed	24,438	42,393	30,629	48,374
		2015 Dep	15,191	
		2016 Dep	35,936	

Southern California Gas Company
 2016 GRC – APP
 Shared Service Workpapers

Southern California Gas Company
 BLM Deferred Tax Depreciation - Shared Service
 Area 99

	2013	2014	2015	2016
Vintage 1981-2013	36,398	35,398	34,398	33,398
2014 Additions		2,953	8,390	8,390
2015 Additions			1,734	7,257
2016 Additions				940
Total Area 99 Ratemaking BLM	36,398	38,351	44,522	49,985
		2015 Dep	10,124	
		2016 Dep	16,587	

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Property & Acct.	2016 Vintage FORECAST	AFUDC	Cap Interest	Software	Other Basis Adj.	TAX INVEST. FORECAST	2016 RMBLM DEPR.
Distribution TC 49.21							
376-387	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Capital Tools TC 49.21							
394	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Office Furn. TC 00.11							
391	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Data Equip TC 00.13							
391.1	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Computer Equipment TC 00.12							
391	55,455	(2,720)	623	0	0	53,358	890
	55,455	(2,720)	623	0	0	53,358	890
Underground Storage TC 49.24							
350, 352-358	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Transmission TC 49.24B							
367-371	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Buildings TC 65							
351, 366, 375, 390	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Land Imp TC 00.3							
390	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Communication Equipmt TC 48.14							
397	37,838	(3,162)	724	0	0	35,401	0
	37,838	(3,162)	724	0	0	35,401	0
Land&Other							
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Software							
	58,419	(3,691)	845	(54,111)	0	1,463	50
	58,419	(3,691)	845	(54,111)	0	1,463	50
TOTALS	151,713	(9,573)	2,193	(54,111)	0	90,222	940

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Southern California Gas Company
2015 Shared Service

METHOD >>>>>> LIFE >>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	150DB	*	200DB	200DB	SL	Sub- Total	Other	Land	TOTAL	Bonus Depreciation Input: 0%
	20 Yr	15 Yr	15 Yr	7 Yr	5 Yr	20 Yr	15 Yr	39 Yr	5 Yr	5 Yr	3 Yr					
Asset Class	Distrib	UGS Rights	Trans	Office Furn	Data Hndng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Add					
ADDITIONS	0	0	0	0	0	0	0	0	11,149	25,669	22,303	59,121	0	0	59,121	
AFUDC	0	0	0	0	0	0	0	0	(432)	(915)	(1,160)	(2,508)	0	0	(2,508)	
CAP INT & TAX Expensed Software less AFUDC	0	0	0	0	0	0	0	0	198	419	532	1,149	0	0	1,149	
BONUS DEPR	0	0	0	0	0	0	0	0	0	0	(21,041)	(21,041)	0	0	(21,041)	
TAX BASIS	0	0	0	0	0	0	0	0	10,915	25,173	633	36,721	0	0	36,721	
YR 1 RATE DEPR.	3.75% 0	5.00% 0	5.00% 0	14.29% 0	20.00% 0	3.75% 0	5.00% 0	1.18% 0	20.00% 2,183	20.00% 5,035	33.33% 211	7,429		2015		
YR 2 RATE DEPR.	7.22% 0	9.50% 0	9.50% 0	24.49% 0	32.00% 0	7.22% 0	9.50% 0	2.56% 0	32.00% 3,493	32.00% 8,055	33.33% 211	11,759		2016		
YR 3 RATE DEPR.	6.68% 0	8.55% 0	8.55% 0	17.49% 0	19.20% 0	6.68% 0	8.55% 0	2.56% 0	19.20% 2,096	19.20% 4,833	33.33% 211	7,140		2017		
YR 4 RATE DEPR.	6.18% 0	7.70% 0	7.70% 0	12.49% 0	11.52% 0	6.18% 0	7.70% 0	2.56% 0	11.52% 1,257	11.52% 2,900	0.00% 0	4,157		2018		
YR 5 RATE DEPR.	5.71% 0	6.93% 0	6.93% 0	8.93% 0	11.52% 0	5.71% 0	6.93% 0	2.56% 0	11.52% 1,257	11.52% 2,900	0.00% 0	4,157		2019		
YR 6 RATE DEPR.	5.29% 0	6.23% 0	6.23% 0	8.92% 0	5.76% 0	5.29% 0	6.23% 0	2.56% 0	5.76% 629	5.76% 1,450	0.00% 0	2,079		2020		
YR 7 RATE DEPR.	4.89% 0	5.90% 0	5.90% 0	8.93% 0	0.00% 0	4.89% 0	5.90% 0	2.56% 0	0.00% 0	0.00% 0	0.00% 0	0		2021		
YR 8 RATE DEPR.	4.52% 0	5.90% 0	5.90% 0	4.46% 0	0.00% 0	4.52% 0	5.90% 0	2.56% 0	0.00% 0	0.00% 0	0.00% 0	0		2022		

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Property & Acct.	2015 Vintage FORECAST	AFUDC	Cap Interest	Software	Other Basis Adj.	TAX INVEST. FORECAST	2015 RM BLM DEPR.	2016 RM BLM DEPR.
Distribution								
TC 49.21								
376-387	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Capital Tools								
TC 49.21								
394	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Office Furn.								
TC 00.11								
391	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Data Equip								
TC 00.13								
391.1	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Computer Equipment								
TC 00.12								
391	25,669	(915)	210	0	0	24,963	1,714	5,049
	25,669	(915)	210	0	0	24,963	1,714	5,049
Underground Storage								
TC 49.24								
350, 352-358	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Transmission								
TC 49.24B								
367-371	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Buildings								
TC 65								
351, 366, 375, 390	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Land Imp								
TC 00.3								
390	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Communication Equipmt								
TC 48.14								
397	11,149	(432)	99	0	0	10,816	0	2,147
	11,149	(432)	99	0	0	10,816	0	2,147
Land&Other								
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Software								
	22,303	(1,160)	266	(21,041)	0	368	20	62
	22,303	(1,160)	266	(21,041)	0	368	20	62
TOTALS	59,121	(2,508)	574	(21,041)	0	36,147	1,734	7,257

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Southern California Gas Company
2014 Shared Service

METHOD >>>>>>>	150DB	150DB	150DB	200DB	200DB	150DB	SL	SL	200DB	200DB	SL				
LIFE >>>>>>>	15 Yr	15 Yr	15 Yr	7 Yr	5 Yr	20 Yr	39 Yr	39 Yr	5 Yr	5 Yr	3 Yr				
Asset Class	Distrib	UGS Rights	Trans	Office Furn	Data Hndng	Capital Tools	Prop Ld Imp	Bldg	Comm Equip	Computer Equip	Soft Ware Adds	Sub-Total	Other	Land	TOTAL
ADDITIONS	0	0	0	0	0	0	0	0	5,863	32,007	24,531	62,402	0	0	62,402
AFUDC	0	0	0	0	0	0	0	0	(96)	(1,256)	(673)	(2,026)	0	0	(2,026)
CAP INT & TAX	0	0	0	0	0	0	0	0	44	576	309	928	0	0	928
Expensed Software less AFUDC											(18,704)	(18,704)	0	0	(18,704)
BONUS DEPR	0	0	0	0	0	0			(2,906)	(15,663)		(18,569)			(18,569)
TAX BASIS	0	0	0	0	0	0	0	0	2,906	15,663	5,462	24,031	0	0	24,031
YR 1 RATE DEPR.	3.75%	5.00%	5.00%	14.29%	20.00%	3.75%	5.00%	1.18%	20.00%	20.00%	33.33%				
	0	0	0	0	0	0	0	0	581	3,133	1,821	5,535		2014	
YR 2 RATE DEPR.	7.22%	9.50%	9.50%	24.49%	32.00%	7.22%	9.50%	2.56%	32.00%	32.00%	33.33%				
	0	0	0	0	0	0	0	0	930	5,012	1,821	7,763		2015	
YR 3 RATE DEPR.	6.68%	8.55%	8.55%	17.49%	19.20%	6.68%	8.55%	2.56%	19.20%	19.20%	33.33%				
	0	0	0	0	0	0	0	0	558	3,007	1,821	5,386		2016	
YR 4 RATE DEPR.	6.18%	7.70%	7.70%	12.49%	11.52%	6.18%	7.70%	2.56%	11.52%	11.52%	0.00%				
	0	0	0	0	0	0	0	0	335	1,804	0	2,139		2017	
YR 5 RATE DEPR.	5.71%	6.93%	6.93%	8.93%	11.52%	5.71%	6.93%	2.56%	11.52%	11.52%	0.00%				
	0	0	0	0	0	0	0	0	335	1,804	0	2,139		2018	
YR 6 RATE DEPR.	5.29%	6.23%	6.23%	8.92%	5.76%	5.29%	6.23%	2.56%	5.76%	5.76%	0.00%				
	0	0	0	0	0	0	0	0	167	902	0	1,070		2019	
YR 7 RATE DEPR.	4.89%	5.90%	5.90%	8.93%	0.00%	4.89%	5.90%	2.56%	0.00%	0.00%	0.00%				
	0	0	0	0	0	0	0	0	0	0	0	0		2020	
YR 8 RATE DEPR.	4.52%	5.90%	5.90%	4.46%	0.00%	4.52%	5.90%	2.56%	0.00%	0.00%	0.00%				
	0	0	0	0	0	0	0	0	0	0	0	0		2021	

Bonus Depreciation Input: 50%

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Property & Acct.	2014 Vintage FORECAST	AFUDC	Cap Interest	Software	Other Basis Adj.	TAX INVEST. FORECAST	2014 RM BLM DEPREC.	2015 RM BLM DEPR.	2016 RM BLM DEPR.
Distribution									
TC 49.21									
376-387	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Capital Tools									
TC 49.21									
394	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Office Furn.									
TC 00.11									
391	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Data Equip									
TC 00.13									
391.1	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Computer Equipment									
TC 00.12									
391	32,007	(1,256)	288	0	0	31,039	1,657	6,278	6,278
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	32,007	(1,256)	288	0	0	31,039	1,657	6,278	6,278
Underground Storage									
TC 49.24									
350, 352-358	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Transmission									
TC 49.24B									
367-371	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Buildings									
TC 65									
351, 366, 375, 390	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Land Imp									
TC 00.3									
390	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Communication Equipmt									
TC 48.14									
397	5,863	(96)	22	0	0	5,789	862	1,149	1,149
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	5,863	(96)	22	0	0	5,789	862	1,149	1,149
Land&Other									
	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	0	0	0	0	0	0	0	0	0
Software									
	24,531	(673)	154	(18,704)	0	5,308	434	963	963
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	24,531	(673)	154	(18,704)	0	5,308	434	963	963
TOTALS	62,402	(2,026)	464	(18,704)	0	42,136	2,953	8,390	8,390

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

SCG 86 TRA - Capitalized Interest Adjustment
DR/(CR)

Capitalized Interest Addback	2014	2015	2016
1 Excluded from Ratemaking BLM (Area 99)	464 35%	574 35%	2,193 35%
	<u>162</u>	<u>201</u>	<u>767</u>
2 Excluded from Ratemaking State (Area 98)	464 5.746%	574 5.746%	2,193 5.746%
	<u>27</u>	<u>33</u>	<u>126</u>
3 Federal Depreciation	(93) 35%	(263) 35%	(711) 35%
	<u>(32)</u>	<u>(92)</u>	<u>(249)</u>
State Depreciation	(77) 5.746%	(225) 5.746%	(611) 5.746%
	<u>(4)</u>	<u>(13)</u>	<u>(35)</u>
Total 86 TRA - Capitalized Interest Adjustment	<u>152</u>	<u>129</u>	<u>609</u>

H:\My Documents\Business\GRC - 2016\Errata Filing\[SCG-28-R_RReeves_Tax_WP.xlsx]TaxIndex

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

SCG Capitalized Interest - Depreciation of 50%

2014	464		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
------	-----	--	--------	--------	--------	--------	--------	--------	--------

ANNUAL DEPRECIATION:

FEDERAL Return [5Yr DDB/SL]			93	148	89	53	53	27	0		464
	Factor >>>		0.20000	0.32000	0.19200	0.11520	0.11520	0.05760	0.00000		1
<hr/>											
STATE Return [6Yr 200DDB/SL]			77	129	86	57	46	46	23		464
	Factor >>>		0.16670	0.27780	0.18520	0.12350	0.09880	0.09870	0.04940		1

2015	574		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
------	-----	--	--------	--------	--------	--------	--------	--------	--------

ANNUAL DEPRECIATION:

FEDERAL Return [5Yr DDB/SL]			115	184	110	66	66	33	0		574
	Factor >>>		0.20000	0.32000	0.19200	0.11520	0.11520	0.05760	0.00000		1
<hr/>											
STATE Return [6Yr 200DDB/SL]			96	160	106	71	57	57	28		575
	Factor >>>		0.16670	0.27780	0.18520	0.12350	0.09880	0.09870	0.04940		1

2016	2,193		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
------	-------	--	--------	--------	--------	--------	--------	--------	--------

ANNUAL DEPRECIATION:

FEDERAL Return [5Yr DDB/SL]			439	702	421	253	253	126	0		2,193
	Factor >>>		0.20000	0.32000	0.19200	0.11520	0.11520	0.05760	0.00000		1
<hr/>											
STATE Return [6Yr 200DDB/SL]			366	609	406	271	217	216	108		2,193
	Factor >>>		0.16670	0.27780	0.18520	0.12350	0.09880	0.09870	0.04940		1

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Structures & Improvements Underground Storage	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
					2015	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2016	0	0
					BLM Ratio	0.0000	0.0000
Difference	0	0	0	0			
Federal Inc. Tax Rate	35%	35%	35%	35%			
Accum. Def'd Federal Income Tax	0	0	0	0	Pre 2014 Vintage Assets Depn		
					2014	0	0
Total 86 TRA - Capitalized Interest Adjustment					2015	0	0
Deferred Tax Balance	0	0	0	0	2016	0	0
					BLM	0	0
WEIGHTED AVERAGE		0	0	0	RM	0	0

Structures & Improvements Transmission	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
					2015	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2016	0	0
					BLM Ratio	0.0000	0.0000
Difference	0	0	0	0			
Federal Inc. Tax Rate	35%	35%	35%	35%			
Accum. Def'd Federal Income Tax	0	0	0	0	Pre 2014 Vintage Assets Depn		
					2014	0	0
Total 86 TRA - Capitalized Interest Adjustment					2015	0	0
Deferred Tax Balance	0	0	0	0	2016	0	0
					BLM	0	0
WEIGHTED AVERAGE		0	0	0	RM	0	0

Structures & Improvements Distribution	2013	2014	2015	2016	Pre 2014 Vintage Assets Depn		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
					2015	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2016	0	0
					BLM Ratio	0.0000	0.0000
Difference	0	0	0	0			
Federal Inc. Tax Rate	35%	35%	35%	35%			
Accum. Def'd Federal Income Tax	0	0	0	0	Pre 2014 Vintage Assets Depn		
					2014	0	0
Total 86 TRA - Capitalized Interest Adjustment					2015	0	0
Deferred Tax Balance	0	0	0	0	2016	0	0
					BLM	0	0
WEIGHTED AVERAGE		0	0	0	RM	0	0

Structures & Improvements General Plant	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	803	4,227	2014	0	0
					2015	0	0
Accumulated Ratemaking Fed Tax	0	0	689	3,630	2016	0	0
					BLM Ratio	0.0000	0.0000
Difference	0	0	114	597			
Federal Inc. Tax Rate	35%	35%	35%	35%			
Accum. Def'd Federal Income Tax	0	0	40	209	Pre 2014 Vintage Assets Depn		
					2014	0	803
Total 86 TRA - Capitalized Interest Adjustment					2015	0	3,424
Deferred Tax Balance	0	0	40	209	2016	0	2,941
					BLM	0	803
WEIGHTED AVERAGE		0	20	124	RM	0	689

Total BLM 0 0 0

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Computer Software							
2-4 Yrs							
Accumulated Ratemaking BLM	0	24	182	339	2014	112	726
Accumulated Ratemaking Fed Tax	0	102	365	1,209	2015	9	37
					2016		0
Difference	0	(78)	(184)	(870)	BLM Ratio	0.2164	0.0165
Federal Inc. Tax Rate	35%	35%	35%	35%			0.0250
Accum. Def'd Federal Income Tax	0	(27)	(64)	(304)			
					Pre 2014 Vintage Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	0	0
Deferred Tax Balance	0	(27)	(64)	(304)	2015	0	0
					2016	0	0
WEIGHTED AVERAGE		(14)	(46)	(184)			

	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Computer Software							
5-8 Yrs							
Accumulated Ratemaking BLM	3,678	11,087	18,024	25,021	2014	1,894	3,726
Accumulated Ratemaking Fed Tax	9,332	17,063	24,081	31,895	2015	1,213	3,700
					2016		2,006
Difference	(5,654)	(5,977)	(6,057)	(6,874)	BLM Ratio	0.2164	0.0165
Federal Inc. Tax Rate	35%	35%	35%	35%			0.0250
Accum. Def'd Federal Income Tax	(1,979)	(2,092)	(2,120)	(2,406)			
					Pre 2014 Vintage Depn		
Total 86 TRA - Capitalized Interest Adjustment		38	32	152	2014	6,999	6,111
Deferred Tax Balance	(1,979)	(2,054)	(2,088)	(2,253)	2015	6,012	5,249
					2016		6,080
WEIGHTED AVERAGE		(2,016)	(2,071)	(2,171)	RM		5,222

	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Computer Software							
9-12 Yrs							
Accumulated Ratemaking BLM	5,954	17,283	23,809	30,821	2014	0	0
Accumulated Ratemaking Fed Tax	15,107	24,838	30,443	36,466	2015	0	0
					2016		0
Difference	(9,153)	(7,555)	(6,634)	(5,645)	BLM Ratio	0.2164	0.0165
Federal Inc. Tax Rate	35%	35%	35%	35%			0.0000
Accum. Def'd Federal Income Tax	(3,204)	(2,644)	(2,322)	(1,976)			
					Pre 2014 Vintage Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	11,329	6,526
Deferred Tax Balance	(3,204)	(2,644)	(2,322)	(1,976)	2015	9,731	5,605
					2016		7,012
WEIGHTED AVERAGE		(2,924)	(2,483)	(2,149)	RM		6,023

	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Computer Software							
15 Yrs							
Accumulated Ratemaking BLM	4,547	13,200	17,934	21,314	2014	0	0
Accumulated Ratemaking Fed Tax	11,538	18,970	23,035	25,939	2015	0	0
					2016		0
Difference	(6,991)	(5,770)	(5,102)	(4,625)	BLM Ratio	0.2164	0.0165
Federal Inc. Tax Rate	35%	35%	35%	35%			0.0250
Accum. Def'd Federal Income Tax	(2,447)	(2,019)	(1,786)	(1,619)			
					Pre 2014 Vintage Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	8,653	4,733
Deferred Tax Balance	(2,447)	(2,019)	(1,786)	(1,619)	2015	7,432	4,065
					2016		2,903
WEIGHTED AVERAGE		(2,233)	(1,902)	(1,702)			

	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Computer Software							
20 Yrs							
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2015	0	0
					2016		0
Difference	0	0	0	0	BLM Ratio	0.2164	0.0165
Federal Inc. Tax Rate	35%	35%	35%	35%			0.0250
Accum. Def'd Federal Income Tax	0	0	0	0			
					Pre 2014 Vintage Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	0	0
Deferred Tax Balance	0	0	0	0	2015	0	0
					2016	0	0
WEIGHTED AVERAGE		0	0	0			

Total BLM 2,006 5,675 10,195

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Communication Equipment 15 Year	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2015	0	0
Difference	0	0	0	0	2016	0	0
Federal Inc. Tax Rate	35%	35%	35%	35%	BLM Ratio	0.9874	0.9701
Accum. Def'd Federal Income Tax	0	0	0	0	Pre 2014 Vintage Assets Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	0	0
Deferred Tax Balance	0	0	0	0	2015	0	0
WEIGHTED AVERAGE		0	0	0	2016	0	0

Communication Equipment 5 Year	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	163	1,335	6,248	12,109	2014	873	1,164
Accumulated Ratemaking Fed Tax	414	4,168	10,513	23,992	2015	0	2,213
Difference	(251)	(2,833)	(4,265)	(11,883)	2016	0	0
Federal Inc. Tax Rate	35%	35%	35%	35%	BLM Ratio	0.9874	0.9701
Accum. Def'd Federal Income Tax	(88)	(991)	(1,493)	(4,159)	Pre 2014 Vintage Assets Depn		
Total 86 TRA - Capitalized Interest Adjustment		38	32	152	2014	310	3,764
Deferred Tax Balance	(88)	(953)	(1,461)	(4,007)	2015	267	3,233
WEIGHTED AVERAGE		(521)	(1,207)	(2,734)	2016		2,203

Communication Equipment 7 Year	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2006	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2007	0	0
Difference	0	0	0	0	2008	0	0
Federal Inc. Tax Rate	35%	35%	35%	35%	BLM Ratio	0.9874	0.9701
Accum. Def'd Federal Income Tax	0	0	0	0	Pre 2014 Vintage Assets Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	0	0
Deferred Tax Balance	0	0	0	0	2015	0	0
WEIGHTED AVERAGE		0	0	0	2016	0	0

Communication Equipment 10 Year	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2015	0	0
Difference	0	0	0	0	2016	0	0
Federal Inc. Tax Rate	35%	35%	35%	35%	BLM Ratio	0.2164	0.0165
Accum. Def'd Federal Income Tax	0	0	0	0	Pre 2014 Vintage Assets Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	0	0
Deferred Tax Balance	0	0	0	0	2015	0	0
WEIGHTED AVERAGE		0	0	0	2016	0	0

Communication Equipment 17 Year	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2015	0	0
Difference	0	0	0	0	2016	0	0
Federal Inc. Tax Rate	35%	35%	35%	35%	BLM Ratio	0.2164	0.0165
Accum. Def'd Federal Income Tax	0	0	0	0	Pre 2014 Vintage Assets Depn		
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	2014	0	0
Deferred Tax Balance	0	0	0	0	2015	0	0
WEIGHTED AVERAGE		0	0	0	2016	0	0

Total BLM 873 1,164 3,377

Southern California Gas Company
2016 GRC – APP
Shared Service Workpapers

Miscellaneous	2013	2014	2015	2016	Accum Ratemaking BLM Detail		
	Year 1	Year 2	Year 3	Year 4	2014	2015	2016
Accumulated Ratemaking BLM	0	0	0	0	2014	0	0
Accumulated Ratemaking Fed Tax	0	0	0	0	2015	0	0
	-----	-----	-----	-----	2016	0	0
Difference	0	0	0	0	BLM Ratio	0.0000	0.0000
Federal Inc. Tax Rate	35%	35%	35%	35%			0.0000
	-----	-----	-----	-----			
Accum. Def'd Federal Income Tax	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>			
					Pre 2014 Vintage Assets Depn		
					2014	2015	2016
Total 86 TRA - Capitalized Interest Adjustment		0	0	0	BLM	0	0
Deferred Tax Balance	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	RM	0	0
WEIGHTED AVERAGE		0	0	0			
					Total BLM	<u>0</u>	<u>0</u>
							<u>0</u>