| Application No: | A.14-12- |
|-----------------|----------------|
| Exhibit No.: | |
| Witness: | Sim-Cheng Fung |

Triennial Cost Allocation Proceeding Phase 1 Application of Southern California Gas Company (U 904 G) and San Diego Gas & Electric Company (U 902 G) for Authority to Revise their Natural Gas Rates Effective January 1, 2016

A.14-12-____ (Filed December 18, 2014

PREPARED DIRECT TESTIMONY OF SIM-CHENG FUNG SOUTHERN CALIFORNIA GAS COMPANY AND SAN DIEGO GAS & ELECTRIC COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

December 18, 2014

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PREPARED DIRECT TESTIMONY

OF SIM-CHENG FUNG

I. PURPOSE

The purpose of my testimony is to present the embedded storage cost that Southern California Gas Company (SoCalGas) and San Diego Gas & Electric (SDG&E) are proposing for 2016-2019. After briefly describing my data sources, my testimony will discuss the embedded cost of SoCalGas' storage function. My methodology is consistent with the embedded cost methodology adopted for the currently effective Triennial Cost Allocation Proceeding (TCAP), which was approved by D.14-06-007. My proposed costs are for four years to align with Phase 2 of this Application, which will be for 2017-2019.

II. DATA SOURCE FOR EMBEDDED COST STUDY

The starting point for this embedded cost study is the total recorded costs for calendar year 2013. These costs are presented in SoCalGas' 2013 Annual Report to the Commission (FERC Form 2). These accounts provide sufficient detail to determine plant-in-service (capital-related), Operation & Maintenance (O&M) and Administrative and General (A&G) expenses that comprise base margin costs.

III. SOCALGAS STORAGE EMBEDDED COST STUDY

Table 1 in Appendix A shows the 2013 SoCalGas Utility Gas Plant in Service by FERC Account prepared by the Plant Accounting group.

A. Capital-Related Cost of Service

The annual capital-related costs are comprised of:

- 1. Depreciation expense
- 2. Return on rate base

3. Federal and state income taxes, property taxes

1. Depreciation expense

The cost of utility plant is recovered in rates through an annual depreciation expense over the book life of the investment. The annual depreciation expense of a utility plant is specific to the type of facility or equipment in service. SoCalGas' Plant Accounting Department provided the annual depreciation expense and total accumulated depreciation by FERC account category for 2013 in Table 1 in Appendix A. Total underground storage depreciation of \$18.3 million includes approximately \$15.3 million from storage plant plus \$3 million from general plant allocated based on a labor factor.

2. Return on Rate Base

The second capital-related expense is the annual authorized rate of return on rate base. These charges are designed to cover the utility's cost of capital (the cost of debt and equity) paid to bondholders and shareholders to finance the investments made in utility plant and equipment. SoCalGas' weighted average rate base of \$3,510 million in 2013 is provided by Plant Accounting as shown in Table 1.

The 2013 average recorded rate base of \$3,510 million is multiplied by the authorized 8.02 percent return on investment specified in D.12-12-034.² This rate of return is used to calculate the return on rate base for each investment category. The total return on equity and cost of debt are \$282 million based on SoCalGas' recorded rate base of \$3,510 million in 2013 (\$3,510 million x 8.02% = \$282 million).

Table 1 shows the components of SoCalGas' rate base based on the percentage of each category's net book value to total SoCalGas net book value: underground storage plant which is

¹See Appendix B, Footnote 1.

² D.12-12-034, Ordering Paragraph 3.

recorded in FERC Accounts 117.1 through 358 is \$241 million; storage's return on rate base is \$19.4 million based on storage's 2013 rate base of \$241 million shown in Table 1 (\$241 million $\times 8.02\% = \$19.4 \text{ million}$). \$0.5 million³ from general plant return is allocated to storage based on labor factor, resulting in total storage return of \$19.9 million. Table 2 summarizes return on rate base.

| Table 2 2013 SoCalGas Return on Rate Base | | | | | | | | | | |
|--|------------------------------|-------------------|------------------------|--------------------------------------|-----------------|--|--|--|--|--|
| (A) (B) (C)= (E)= (C)+(D) | | | | | | | | | | |
| | Rate Base | Rate of Return | Return on Rate Base | Allocated General Plant Return | Total Return | | | | | |
| | (\$MM) (%) (\$MM) (\$MM) (\$ | | | | | | | | | |
| Total SoCalGas | 3,510 | 8.02% | 281.8 | N/A | 281.8 | | | | | |
| Storage | 241 | 8.02% | 19.4 | 0.5 | 19.9 | | | | | |

3. Federal and State Income Taxes, Property Taxes

In 2013, SoCalGas' capital-related taxes (comprised of federal, state and property taxes) were \$12 million.⁴ These taxes are allocated to storage as follows: \$12 million x $7\%^5 = \$0.84$ million. Taxes related to general plant of \$0.02 million are allocated to storage resulting in a total of \$0.86 million of storage capital-related taxes.

Therefore, 2013 total capital-related costs for storage are \$39.1 million, as shown in Table 3 below.

³See Appendix B, Footnote 2.

⁴ 2013 SoCalGas FERC Form 2, p. 263a, Federal Income Tax-\$65,416,558(refund of prepaid taxes), Line 2 + Calif Corp Franchise Tax \$33,528,894, Line 9 + Property Tax 43,628,909, Line 14.

⁵ Storage's percent of total SoCalGas NBV from Appendix A, Table 1.

| Table 3 2013 Storage Capital-Related Costs (\$MM) | | | | | | |
|---|------|--|--|--|--|--|
| Depreciation ⁶ 18.3 | | | | | | |
| Return ⁷ | 19.9 | | | | | |
| FIT, SIT & Property Taxes | 0.9 | | | | | |
| Total | 39.1 | | | | | |

B. Gas Operation and Maintenance Expenses

1. Storage O&M Expenses

In 2013, storage O&M expenses (recorded in FERC Accounts 814 - 837) were \$51.5 million, including payroll taxes. This total excludes \$3.4 million in storage compressor station fuel in FERC Account 819, since these costs are recovered in a storage in-kind fuel charge.

Details of storage O&M costs by FERC Account are shown in Table 4 in Appendix A.

2. Miscellaneous Revenues

Miscellaneous revenues clearly associated with the storage function are \$13.5 million⁸ in 2013 and are credited directly to Storage expenses. The other \$52.3 million⁹ of miscellaneous revenues are derived from common technology-related equipment and other assets. These revenues are credited in the same manner that Administrative and General expenses are allocated.

3. Administrative and General Expenses

A&G expenses are recorded in FERC Accounts 920 through 932. 2013 recorded A&G expenses plus A&G-related payroll taxes totaled \$365 million, which exclude \$45 million of

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⁸ Crude oil sales of \$12.1 million, Goleta storage emission credit of \$1.0 million, rental fees of \$0.4 million

⁶ Source: Appendix A, Table 1; Appendix B, Footnote 1.

⁷ Source: Table 2.

[{]Source: A.14-11-004, Exhibit No: (SCG-32-WP), pages 22, 25, 27,39}

⁹ Revenue from shared computer hardware, software, and communication equipment of \$49.3 million, amortization of gain on sale of property of \$3 million.

[{]Source: Source: A14-11-004, Exhibit No: (SCG-32-WP), pages 24,42}

franchise fees recorded in FERC Account 927 because these costs are accounted for in the franchise and uncollectible factor in the rate design process. A&G details are shown in Table 5 in Appendix A.

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A&G costs are allocated based on the approach adopted in D.09-11-006. 10 Pursuant to D.09-11-006, 50% of A&G expenses are allocated to end users. Since labor is the best single factor that explains A&G costs, the remaining \$183 million of A&G is allocated to the storage function based on labor factors shown in Table 6. Table 6 shows storage has 4.2% of SoCalGas' labor costs, therefore \$7.6 million of A&G (.042 x 183 million) are allocated to storage. A similar methodology will be applied to develop the embedded transmission cost in Phase 2 of this cost allocation proceeding.

| Table 6 2013 SoCalGas Labor Factors to Allocate A&G | | | | | | | | | |
|---|-----------------|------------|--------|--|--|--|--|--|--|
| 2013 SoCalGas Labor | r Factors to Al | locate A&G | | | | | | | |
| Labor Costs ¹¹ Labor % A&G Costs | | | | | | | | | |
| | (\$MM) | | (\$MM) | | | | | | |
| Storage | 15.8 | 4.2% | 7.6 | | | | | | |
| Transmission | 31.6 | 8.3% | 15.2 | | | | | | |
| Distribution, Customer | | | | | | | | | |
| Accounts/Service & Information | 332.3 | 87.5% | 160.2 | | | | | | |
| Total | 379.7 | 100.0% | 183.0 | | | | | | |

Table 7 summarizes the O&M, A&G expenses and miscellaneous revenues for SoCalGas' storage function.

¹⁰ D.09-11-006, 2009 BCAP Phase 2 Settlement Agreement, Attachment 3. ¹¹ 2013 SoCalGas FERC Form 2, p. 355, lines 52-57, col. (b).

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| Table 7 2013 Storage O&M, A&G, Miscellaneous Rev. | | | | | |
|---|--------|--|--|--|--|
| | (\$MM) | | | | |
| O&M Expenses ¹² | 51.5 | | | | |
| A&G Expenses ¹³ | 7.6 | | | | |
| Miscellaneous Rev. | (14.6) | | | | |
| Total | 44.5 | | | | |

Table 8 summarizes SoCalGas' 2013 Embedded Storage Costs.

| Table 8 | | | | | | | |
|-------------------------------------|------|--|--|--|--|--|--|
| 2013 Embedded Storage Costs | | | | | | | |
| (\$MM) | | | | | | | |
| Capital-related Costs ¹⁴ | 39.1 | | | | | | |
| O&M, A&G Expenses ¹⁵ | 44.5 | | | | | | |
| Total | 83.6 | | | | | | |

IV. 2016-2019 STORAGE COSTS

In addition to the embedded costs in Table 8, SoCalGas and SDG&E will recover additional costs in 2016-2019. In 2016, the projected under-collected Honor Rancho Storage Memorandum Account (HRSMA) balance of \$12.6 million as of December 31, 2015, ¹⁶ will be recovered in rates as part of embedded storage cost, as shown in Table 9 below. Any residual difference between the projected under-collected HRSMA balance included in rates and the recorded balance as of the implementation date of 2016 TCAP will be transferred to the Core Fixed Cost Account and Noncore Fixed Cost Account and at that time, the HRSMA will be

¹² Source: Appendix A, Table 4.

¹³ Source: Table 6.

¹⁴ Source: Table 3.

¹⁵ Source: Table 7.

¹⁶ Source: Appendix A, Table 10.

closed. The Aliso Canyon turbine replacement project (Aliso) is expected to be placed in service in early 2017. As shown in Table 9, from 2017-2019 incremental annual revenue requirement associated with Aliso will be recovered per D.13-11-023.¹⁷ The \$27 million figure shown in Table 9 is the average of the first three years' revenue requirements as shown in Table 2¹⁸ of D.13-11-023.¹⁹ This revenue requirement is based on a total capital cost of \$200.9 million for Aliso.²⁰ SoCalGas and SDG&E recommend that the total storage cost be maintained at the level shown in Table 9 until another embedded cost study is performed for the next TCAP.

| Table 9 SoCalGas Embedded Storage Cost (\$MM) | | | | | | | | | | |
|---|-------------|-------------|-------------|-------------|--|--|--|--|--|--|
| 2016 2017 2018 2019 | | | | | | | | | | |
| Capital-related Costs | 39.1 | 39.1 | 39.1 | 39.1 | | | | | | |
| O&M, A&G Expenses | 44.5 | 44.5 | 44.5 | 44.5 | | | | | | |
| Total Existing Storage | 83.6 | 83.6 | 83.6 | 83.6 | | | | | | |
| HRSMA or Aliso | | | | | | | | | | |
| Replacement | 12.6^{21} | 27.0^{22} | 27.0^{23} | 27.0^{24} | | | | | | |
| Total Embedded Storage | | | | | | | | | | |
| Cost | 96.2 | 110.6 | 110.6 | 110.6 | | | | | | |

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¹⁷ D.13-11-023, Ordering Paragraphs 9 and 10.

¹⁸ Source: Appendix A, Table 11.

¹⁹ Per Ordering Paragraph 10 of D. 13-11-023, SoCalGas will incorporate the associated revenue requirement into rates by a Tier 2 advice letter after the project is completed and becomes operational. ²⁰ The Commission established a maximum cost of \$200.9 million for Aliso, SoCalGas' estimated total capital costs. D.13-11-023, mimeo., at 33. Per the Commission, these capital costs "are stated in nominal dollars using a base year of 2009." Id. At footnote 39. Costs exceeding this amount will be recorded in a memorandum account for SoCalGas to seek future recovery of such costs in the general rate case following completion of the Aliso project. The Aliso Project would also be rolled into the overall rate base of the utility in a subsequent general rate case.

²¹ See Footnote 16.

²² D.13-11-023, Ordering Paragraphs 9 and 10.

²³ D.13-11-023, Ordering Paragraphs 9 and 10.

²⁴ D.13-11-023, Ordering Paragraphs 9 and 10.

V. QUALIFICATIONS

My name is Sim-Cheng Fung. My business address is 555 West Fifth Street, Los Angeles, California 90013-1011. I am employed by SoCalGas as a Senior Market Advisor II in the Energy Markets and Capacity Products Department.

I graduated with a Bachelor of Arts degree from Wellesley College and a Master of Business Administration degree in Finance from the University of California, Los Angeles. I have been employed by SoCalGas since 1981, and have held positions of increasing responsibility in the Treasury, Strategic Planning, Gas Supply, Operations Staff, Gas Acquisition and Energy Markets & Capacity Products departments. I have been a Senior Market Advisor since 1998 and am responsible for providing analytical support to the Capacity Products Group.

I have previously testified before the California Public Utilities Commission.

This concludes my prepared direct testimony.

VI. APPENDIX A Selected SoCalGas Tables Table 1



SOUTHERN CALIFORNIA GAS COMPANY 2013 Utility Gas Plant in Service By FERC Account for FERC Form 2 (Thousands of Dollars)

| A Sempra Energy uti | | As o | f December 31, 2013 | | 12/31/13 | For the Year Ended 2013 | |
|---------------------|---------------------|---------------------|-------------------------|----------------------|---------------|-------------------------|---|
| | | | | NET BOOK | Book Value | Weighted Avg | DEPRECIATION |
| ACCOUNT | ACCT NO. | INVESTMENT | ACCUM DEP | VALUE | Allocator | Rate Base | EXPENSE |
| ntangible | | | | | | | |
| | 301 | 76 | - | 76 | | | - |
| Tatal latausible | 302 | 569 | | 569 | 0.00/ | 204 | - |
| Total Intangible | | 646 | <u> </u> | 646 | 0.0% | 324 | <u> </u> |
| Gas Production | | | | | | | |
| | 325 | 15 | - | 15 | | | |
| | 330 | 5,557 | (1) | 5,556 | | | - |
| | 331 332 | 455 1,731 | (0) | 455 1,731 | | | - |
| | 334 | 536 | - | 536 | | | - |
| | 336 | 485 | _ | 485 | | | _ |
| Total Gas Prod | | 8,780 | (1) | 8,778 | 0.1% | 4,408 | - |
| | | | | | | | |
| Inderground Storag | g e 117.1 | 58,549 | - | 58,549 | | | |
| | 350 | 22,501 | - | 22,501 | | | - |
| | 351 | 41,641 | (19,759) | 21,882 | | | 1,239 |
| | 352 | 279,338 | (167,005) | 112,333 | | | 6,987 |
| | 353 | 105,718 | (93,440) | 12,278 | | | 776 |
| | 354 | 137,678 | (63,501) | 74,177 | | | 1,444 |
| | 355 | 6,217 | (1,738) | 4,479 | | | 250 |
| | 356 | 129,485 | (66,034) | 63,451 | | | 3,111 |
| | 357 358 | 28,975 49,599 | (7,356) 39,431 | 21,619 89,030 | | | 1,528 |
| | Montebello | 45,555 | 39,431 | 89,030 | | | 2,005 |
| Total Underground | | 859,700 | (379,402) | 480,298 | 6.9% | 241,200 | 17,340 |
| | | | | | | | |
| ransmission | 365 | 24,528 | (15,077) | 9,451 | | | 446 |
| | 366 | 35,154 | (20,867) | 14,287 | | | 465 |
| | 367 | 1,361,164 | (578,873) | 782,292 | | | 30,174.71 |
| | 368 | 206,667 | (106,710) | 99,957 | | | 2,712 |
| | 369 | 63,176 | (26,635) | 36,541 | | | 1,332 |
| | 371 | 5,181 | (2,714) | 2,466 | | | 203 |
| Total Transmission | 372 | 43,448 1,739,319 | 121,081 (629,795) | 164,530 1,109,523 | 15.9% | 557,189 | 35,333 |
| Total Transmissic | , i | 1,730,010 | (023,733) | 1,109,020 | 13.970 | 557,109 | 30,300 |
| Distribution | | | | | | | |
| | 374 | 31,685 | (12) | 31,673 | | | - |
| | 375 | 243,599 | (68,529) | 175,070 | | | 6,810 |
| | 376 | 3,385,953 | (1,974,040) | 1,411,913 | | | 79,275 |
| | 378 380 | 87,964 2,210,344 | (59,343) (1,833,257) | 28,621 377,087 | | | 4,39 ₄ 71,45 ₄ |
| | 381 | 560,595 | (1,033,257) | 432,075 | | | 15,229 |
| | 382 | 341,940 | (146,975) | 194,965 | | | 5,906 |
| | 383 | 134,134 | (56,722) | 77,411 | | | 3,188 |
| | 387 | 31,642 | (21,024) | 10,618 | | | (180 |
| | 388 | 520,445 | 1,477,531 | 1,997,976 | | | |
| Total Distribution | | 7,548,301 | (2,810,891) | 4,737,410 | 67.8% | 2,379,069 | 186,076 |
| Seneral Plant | | | | | | | |
| 20110141114111 | 389 | 1,417 | - | 1,417 | | | - |
| | 390 | 182,426 | (153,701) | 28,725 | | | 22,547 |
| | 391 | 832,683 | (335,532) | 497,151 | | | 98,919 |
| | 392 | 574 | (6) | 568 | | | 8 |
| | 393 | 101 | (29) | 72 | | | |
| | 394 | 54,237 | (25,246) | 28,990 | | | 2,30 |
| | 395 | 5,469 | (3,360) | 2,109 | | | 25 |
| | 396 397 | 12 142,888 | 11 (51.404) | 23 | | | 10.47 |
| | 397 398 | 142,888 3,305 | (51,404) (148) | 91,485 3,157 | | | 19,47 46 |
| | 399.1 | 5,305 544 | (936) | (392) | | | 40: |
| Total General Plan | | 1,223,656 | (570,350) | 653,306 | 9.3% | 328,082 | 144,061 |
| | | | | | | | |
| Other Storage Pla | ant | | - | | - | | - |
| Total Utility Gas P | lant In Service | 11,380,401 | (4,390,440) | 6,989,961 | 100.0% | 3,510,272 | 382,810 |
| | 5556 | ,500,701 | (1,000,110) | 5,550,001 | .00.070 | 0,0.0,212 | 002,010 |

APPENDIX A (cont'd)

Source: FERC Form 2

| Table 4 | | | | | | |
|---|--------|--|--|--|--|--|
| 2013 SoCalGas Storage O& M Expenses | | | | | | |
| Storage | (\$MM) | | | | | |
| 814 UndStr Op-Supervision & Engineering (Incl. Payroll Taxes) | 12.560 | | | | | |
| 815 UndStr Op-Maps & Records | 0.024 | | | | | |
| 816 UndStr Op-Wells Expenses | 5.483 | | | | | |
| 817 UndStr Op-Lines Expense | 0.488 | | | | | |
| 818 UndStr Op-Compressor Station Expense | 4.388 | | | | | |
| 819 UndStr Op-Compress Station Fuel & Power (Excluded from base margin) | 0.000 | | | | | |
| 820 UndStr Op-Meas & Reg Station Expenses | 0.005 | | | | | |
| 821 UndStr Op-Purification Expenses | 1.006 | | | | | |
| 823 UndStr Op-Gas Losses (Excluded from base margin) | 0.000 | | | | | |
| 824 UndStr Op-Other Expenses | 8.172 | | | | | |
| 825 UndStr Op-Storage Well Royalties | 1.352 | | | | | |
| 826 UndStr Op-Rents | 0.176 | | | | | |
| 830 Maintenance Supervision & Engineering | 0.003 | | | | | |
| 831 UndStr Mnt-Structures & Improvements | 0.539 | | | | | |
| 832 UndStr Mnt-Reservoirs & Wells | 4.813 | | | | | |
| 833 UndStr Mnt-Lines | 4.393 | | | | | |
| 834 UndStr Mnt-Compressor Station Equipment | 4.890 | | | | | |
| 835 UndStr Mnt-Meas & Reg Station Equipment | 0.751 | | | | | |
| 836 UndStr Mnt-Purification Equipment | 1.228 | | | | | |
| 837 UndStr Mnt-Other Equipment | 1.286 | | | | | |
| | 51.557 | | | | | |

Source: FERC Form 2

| Table 5 | |
|--|---------|
| 2013 SoCalGas A&G Expenses | |
| A&G FERC Account | (\$MM) |
| 920 AdmGen Op-Salaries (Incl. Payroll Taxes) | 51.447 |
| 921 AdmGen Op-Office Supplies & Expenses | 14.520 |
| 922 AdmGen Op-(Less) Administrative Exp Transferred | (6.349) |
| 923 AdmGen Op-Outside Services Employed – General | 72.630 |
| 924 AdmGen Op-Property Insurance | 3.256 |
| 925 AdmGen Op-Injuries & Damages | 34.068 |
| 926 AdmGen Op-Employee Pensions & Benefits | 142.537 |
| 927 AdmGen Op-Franchise Requirements | 0.000 |
| 928 AdmGen Op-Regulatory Commission Expenses | 5.205 |
| 930.2 A&G Op-MiscGen Exp(Exclude Public Purpose RDD) | 9.391 |
| 931 AdmGen Op-Rents | 17.483 |
| 932 AdmGen Mnt-General Plant | 21.243 |
| | 365.432 |

Source: FERC Form 2

APPENDIX A (cont'd) Table 10

SOUTHERN CALIFORNIA GAS COMPANY HONOR RANCHO STORAGE MEMORANDUM ACCOUNT (HRSMA) SUMMARY OF PCR AND O&M SUBACCOUNTS

Over) / Under Collection

| | | | | | (Over) / Un | der Collection | | | | | | | |
|-------------------------------------|------------|------------|------------|-------------|-------------|----------------|-------------|-------------|-------------|------------|------------|---------------|--------------|
| | | | | | | | | | | | S | AP Account Nu | mber 1150557 |
| | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Total |
| | fcst | fcst | fcst | fcst | fcst | fcst | fcst | fcst | fcst | fcst | fcst | fcst | |
| Beginning Balance | 12,240,161 | 12,266,844 | 12,293,536 | 12,320,237 | 12,346,947 | 12,373,667 | 12,400,396 | 12,428,570 | 12,456,754 | 12,484,947 | 12,520,200 | 12,562,516 | 12,240,161 |
| Prior Period Adjustment | | - | - | - | - | - | | - | - | - | - | - | - |
| Adjusted Beginning Balance | 12,240,161 | 12,266,844 | 12,293,536 | 12,320,237 | 12,346,947 | 12,373,667 | 12,400,396 | 12,428,570 | 12,456,754 | 12,484,947 | 12,520,200 | 12,562,516 | 12,240,161 |
| | | | | | | | | | | | | | |
| Costs: | | | | | | | | | | | | | |
| O&M Costs | | | | | | | | | | | | | - |
| Capital-related costs - Cushion Gas | 52,058 | 52,058 | 52,058 | 52,058 | 52,058 | 52,058 | 53,494 | 53,494 | 53,494 | 60,543 | 67,593 | 67,593 | 668,559 |
| Transfer to NSBA | | | | | | | | | | | | | - |
| Other Capital Costs: Depreciation | | | | | | | | | | | | | |
| Property Taxes | | | | | | | | | | | | | - |
| Income Taxes | | | | | | | | | | | | | |
| Return | | | | | | | | | | | | | |
| Total Costs | 52,058 | 52,058 | 52,058 | 52,058 | 52,058 | 52,058 | 53,494 | 53,494 | 53,494 | 60,543 | 67,593 | 67,593 | 668,559 |
| | , | , | , | , | , | , | , | , | , | , | , | , | , |
| Revenues: | | | | | | | | | | | | | |
| Cushion Gas Revenue Requirement | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 354,732 |
| Incremental Oil Revenues | | | | | | | | | | | | | - |
| Amortization | | | | | | | | | | | | | - |
| Total Revenues | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 29,561 | 354,732 |
| | | | | | | | | | | | | | |
| Net Cost / (Revenue) | 22,497 | 22,497 | 22,497 | 22,497 | 22,497 | 22,497 | 23,933 | 23,933 | 23,933 | 30,982 | 38,032 | 38,032 | 313,827 |
| | | | | | | | | | | | | | |
| Current Month Interest**: | 4,186 | 4,195 | 4,204 | 4,213 | 4,223 | 4,232 | 4,241 | 4,251 | 4,260 | 4,271 | 4,284 | 4,299 | 50,859 |
| Comment Manufic Anti-ite | 00.000 | 00.000 | 00.704 | 00.740 | 00.700 | 00.700 | 00.474 | 00.404 | 00.400 | 05.050 | 40.040 | 40.004 | 004.000 |
| Current Month Activity | 26,683 | 26,692 | 26,701 | 26,710 | 26,720 | 26,729 | 28,174 | 28,184 | 28,193 | 35,253 | 42,316 | 42,331 | 364,686 |
| Ending Balance | 12.266.844 | 12.293.536 | 12,320,237 | 12.346.947 | 12,373,667 | 12,400,396 | 12,428,570 | 12.456.754 | 12.484.947 | 12.520.200 | 12.562.516 | 12,604,847 | 12,604,847 |
| Enang Balanco | .2,200,044 | .2,230,330 | .2,020,201 | .2,0 70,047 | .2,0.0,007 | .2, .50,550 | .2, .20,070 | 12, 130,734 | .2, .54,547 | 12,020,200 | 12,002,010 | 12,004,041 | 12,004,047 |

^{**} Interest applied to average monthly balance as follows: ((Beg. Bal.+(Current Month Adjustment/2))*(Int.Rate/12))*

Interest rate: 0.41%

Table 11

| TABLE 2 (D.13-11-023) | | | | | | | | | |
|------------------------------------|--------|--------|--------|--------|--------|--|--|--|--|
| Revenue Requirement (\$ thousands) | | | | | | | | | |
| | 2013 | 2014 | 2015 | 2016 | 2017 | | | | |
| Capital benefits – net | (59) | (156) | (299) | (299) | (367) | | | | |
| O&M benefits – net | (443) | (443) | (443) | (443) | (443) | | | | |
| Property Taxes | 1,695 | 2,300 | 2,185 | 2,077 | 1,976 | | | | |
| Preferred Equity Interest | 432 | 587 | 557 | 530 | 504 | | | | |
| Interest Expense | 4,447 | 6,033 | 5,732 | 5,450 | 5,185 | | | | |
| Depreciation Expense | 3,978 | 5,304 | 5,304 | 5,304 | 5,304 | | | | |
| Federal Tax Expense | 4,674 | 5,642 | 5,549 | 5,271 | 5,020 | | | | |
| State Tax Expense | 757 | 493 | 576 | 632 | 682 | | | | |
| Return on Equity | 7,275 | 9,871 | 9,379 | 8,917 | 8,483 | | | | |
| Revenue Requirement | 22,756 | 29,630 | 28,611 | 27,439 | 26,344 | | | | |

VII. APPENDIX B Selected SoCalGas Footnotes

Footnotes:

General/Common Plant are primarily comprised of office furniture & equipment, structures & improvement, tools and communication equipment, all of which are directly linked to labor. As such, allocation of general/common plant costs is consistent with that of administrative and general (A&G) expenses described in Section IV.B.4.

| Footnote | | 50% General Plant Depreciation (\$MM) | % of Labor | Allocated General Plant Depreciation (\$MM) |
|----------|-------------|--|------------|---|
| 1 | SCG Storage | \$72 | 4 | \$3 |

| Footnote | 50% General Plant Return(\$MM) | | % Labor | Allocated General Plant Return(\$MM) |
|----------|-----------------------------------|--------|---------|---|
| 2 | SCG Storage | \$13.4 | 4 | \$0.5 |