

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Application of SOUTHERN CALIFORNIA  
GAS COMPANY (U 904 G) to Amend its  
Certificate of Public Convenience and  
Necessity for the Aliso Canyon Gas Storage  
Facility.

Application No. 09-09-  
(Filed September 28, 2009)

**APPLICATION OF  
SOUTHERN CALIFORNIA GAS COMPANY TO AMEND  
ITS CERTIFICATE OF PUBLIC CONVENIENCE AND  
NECESSITY FOR THE ALISO CANYON GAS STORAGE  
FACILITY**

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**I. INTRODUCTION**

Pursuant to sections 1001, 1002, 1003.5 and 1004 *et seq.* of the California Public Utilities Code (“P.U. Code”); the California Environmental Quality Act (“CEQA”) as set forth in sections 21000, *et seq.* of the California Public Resources Code; the CEQA Guidelines as set forth in Title 14 of the California Code of Regulations, sections 15000, *et seq.*; and Rules 2.4, 3.1, 3.2, 3.6, *et al.* of California Public Utilities Commission (“Commission”) Rules of Practice and Procedure; Southern California Gas Company (“SoCalGas”) respectfully requests that the Commission:

1. amend the SoCalGas Aliso Canyon Certificate of Public Convenience and Necessity (“CPCN”) in order to authorize replacement of the existing three obsolete gas turbine driven centrifugal compressors (“TDCs”) and associated equipment with a new electric compressor station and construction of other improvements at the Aliso Canyon Storage

Field (“Storage Field”) (hereinafter referred to as the “Project”<sup>1</sup>), as described in Section II, B below, the appended Aliso Canyon Turbine Replacement Project Design and Description (“Project Design and Description”) (Appendix A), and Proponent’s Environmental Assessment (“PEA”) (Appendix B); and implement the terms of a Commission-approved settlement agreement (“SA”) between SoCalGas and parties in Phase I of its 2009 Biennial Cost Allocation Proceeding (“2009 BCAP”) in A.08-02-001;

2. approve SoCalGas’ revenue requirement, rate treatment and regulatory accounting for the Project;
3. grant P.U. Code Section 851 (“Section 851”) approval related to the expansion of an easement necessary for completion of the Project;
4. adopt a Mitigated Negative Declaration (“MND”) and issue a Notice of Determination pursuant to CEQA; and
5. confirm that the Commission, in granting a previous CPCN and the requested amendment thereto, has preemptory authority over potentially conflicting city and county zoning regulations, ordinances, codes, or requirements, under a finding that the Project serves the public interest.

As shown in greater detail below and in the Project Design and Description (Appendix A) and PEA (Appendix B), the Project is wholly consistent with a gas utility’s obligation to serve its customers. Moreover, the Commission should give considerable weight to the fact that the parties to the SA, which include a diversity of interests, all support the Project as well as the expedited approval of this Application. The SA was a joint-party settlement that was approved

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<sup>1</sup> For purposes of this Application, the term “Project” includes only those non-electrical improvements and activities proposed within the Storage Field, including the proposed offices and guard house. Please note that for purposes of CEQA, the “Project” as described in Appendices A and B includes improvements and activities related to electric system modifications for which Southern California Edison Company (“SCE”) will seek separate authorization from the Commission.

by this Commission in D.08-12-020. The parties joining SoCalGas in the SA were the Division of Ratepayer Advocates, SCE, Indicated Producers, the Southern California Generation Coalition, the City of Long Beach, Southwest Gas Corporation, Watson Cogeneration Company, the California Cogeneration Council, and the California Manufacturers and Technology Association.<sup>2</sup> In fact, the uncontested settlement was executed by all parties representing SoCalGas end-use customers in that proceeding. Accordingly, SoCalGas contends that the SA creates a presumptive and actual need for the Project.

## **II. BACKGROUND AND GENERAL DESCRIPTION**

### **A. Background**

SoCalGas provides natural gas to approximately six million customers in Southern California. Part of this service includes operation of four underground natural gas storage facilities to help meet peak hourly, daily, and seasonal demands for all its customers. These storage fields play a critical role in SoCalGas' gas storage and distribution system, which generally withdraws gas from storage during the winter months (when prices are typically higher) and injects gas into storage during the spring and summer months (when prices are typically lower).

Currently, the Storage Field is SoCalGas' largest underground natural gas storage field and one of the largest in the United States. The Storage Field is located at 12801 Tampa Ave., Northridge, CA, north of Highway 118 and encompasses a surface area of approximately 3600 acres. Prior to its use as storage for natural gas, the Storage Field was owned and operated as an oil field. In the early 1970s, after the majority of its oil reserves were depleted, the Storage Field was acquired by a former affiliate of SoCalGas from various oil companies, including the Getty Oil Company and Standard Oil Company, and converted to a natural gas storage facility upon the

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<sup>2</sup> D.08-12-020 at p. 6.

granting of a CPCN by the Commission in 1972.<sup>3</sup> Currently, the Storage Field is directly owned and operated by SoCalGas.

The Storage Field has 84 billion cubic feet (“Bcf”) of working storage inventory, 1.875 billion cubic feet per day (“Bcf/d”) of withdrawal capacity, and a current end-of-cycle injection capacity of 300 million cubic feet per day (“MMcfd”). Approximately 45% of SoCalGas’ total firm injection capacity is located at the Storage Field. The majority of the injection capacity at the Storage Field is provided by three obsolete gas TDCs providing 15,000 International Organization for Standardization (“ISO”) horsepower each. These units were developed in the late 1960s as a derivative of aircraft turbines. The industrial version (“LM 1500”) is not completely interchangeable with the aircraft versions and less than 20 LM 1500s exist in the United States today. Since several parts are not interchangeable with the aircraft engines and there are few in existence, Original Equipment Manufacturer (“OEM”) parts are not produced. Parts must either be reworked or custom-built per OEM specifications. The only OEM repair facility is in Fort St. John, Canada. In sum, the scarcity of parts is making repairs more costly and time consuming.

Continued use of the obsolete TDCs is inconsistent with Southern California’s need for a reliable and efficient natural gas supply to support power generation and serve heating, cooking, and other energy needs of residential, commercial, and industrial users. The reliability and affordability of natural gas supply are directly related to the ability to purchase gas supplies during periods of low cost/low demand and to store it for withdrawal during high demand/high cost periods. This dynamic allows gas suppliers and customers to avoid having to make market purchases at typically higher prices and to ensure gas is available at times of peak demand.

As noted above, consistent with the need for efficient storage systems in California,

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<sup>3</sup> See D.79751.

SoCalGas entered into the SA with all of the parties to the proceeding representing SoCalGas customers (residential, commercial, industrial, electric generation and wholesale). The SA includes the following provisions directly relevant to this Application:

SoCalGas shall make commercially reasonable efforts to replace the existing three obsolete LM-1500 turbines used to compress up to 300 MMcf per day of natural gas for injection into storage at its Aliso Canyon storage facility. Production by the manufacturer of these obsolete turbines was halted in the late 1970s and replacement parts are extremely limited. SoCalGas shall, during the replacement of the existing turbines, expand overall injection capacity at Aliso Canyon to the extent feasible by approximately 145 MMcfd. The replacement of turbines and expansion of injection capacity at Aliso Canyon shall be undertaken as soon as possible.

...

The parties hereto agree to support expeditious approval of any CPCN application filed by SoCalGas with the Commission seeking authority to construct the storage injection facilities addressed in this paragraph.<sup>4</sup>

By approving this Application, the Commission will provide SoCalGas with the authority it needs to meet its obligations under the SA by installing a new, more dependable, and cleaner gas compression system at a reasonable cost and with mitigable impacts on the environment. Avoiding potential interruptions in the ability to inject purchased gas (e.g., due to breakdowns of equipment such as the obsolete TDC units) and increasing the ability to rapidly inject purchased gas (e.g., through increasing the injection capacity) represent efficiencies that provide significant benefits to SoCalGas' overall gas storage system, which in turn help keep rates affordable and protect ratepayers from price spikes.

## **B. General Description Of The Project<sup>5</sup>**

The Aliso Canyon Plant Station ("Station"), including the existing compressor station and office trailers, is located in the central portion of the property, approximately 0.8 miles north

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<sup>4</sup> D.08-12-020, Attachment 1 (Settlement Agreement) at parag. 8.

<sup>5</sup> This description provides a general summary of the details of the Project. A more detailed description is provided in the Project Design and Description (Appendix A).



of Sesnon Boulevard (access roads to the Station include Sesnon Boulevard, Porter Fee Road to the north and Limekiln Canyon Road to the south). The following is a list of the main objectives of the Project:

1. reduce the potential for interruptions in the ability to store gas in the Storage Field, by replacing the obsolete TDC compressor station;
2. meet the terms of the Commission-approved SA by replacing the TDCs and expanding the overall injection capacity at the field by approximately 145 MMcfd in a timely manner;
3. convert the TDC compression units within the Storage Field from natural gas to electric power;
4. design and construct a new electric compressor station and all necessary related infrastructure to increase the injection capacity at the Storage Field by approximately 145 MMcfd;
5. provide improved vehicle access and security to the Storage Field to facilitate project construction and operation of the new compressor station by building a new guard house; relocate and replace existing office trailers in close proximity to the current TDC station and Storage Field facilities; preserve other on-site facilities and minimize changes to Storage Field facilities where feasible and practicable;
6. ensure successful conversion to electric compression prior to decommissioning the existing TDCs to minimize the potential for gas supply service interruptions after construction of the Proposed Project; and
7. utilize recent engineering and technological advances.

With respect to the necessary electrical modifications required to power the Project, the existing electric service to the Storage Field includes a contiguous distribution line called the SCE Gavin 16 kV circuit, which originates at SCE's Newhall Substation. SCE has indicated that the SCE Gavin circuit, which currently provides electrical service to the field gathering plants, would not be able to meet the future energy requirements (50 megawatts) of the Project with the

addition of the three new variable frequency drive (“VFD”) motors; and that SCE’s adjacent 66 kV sub-transmission lines could provide an adequate electrical alternative for the gas plant’s energy needs. The Project would not impact the existing SCE 16 kV distribution circuit. The existing 16 kV primary metered service will be removed in accordance with SCE’s Commission-approved Tariff Rule 2.

To provide electrical service to the Project, the following activities by SCE are proposed:

- SCE will modify the existing two SCE 66 kV sub-transmission lines (the SCE Chatsworth-MacNeil-Newhall-San Fernando line and the SCE MacNeil-Newhall-San Fernando line) to provide electrical service to a new substation that will be called the SCE Natural Substation. The proposed SCE 66 kV sub-transmission line modifications, including re-conductoring, pole removal, H-frame removal, and tubular steel pole (“TSP”) installation, will be conducted on portions of the existing two SCE lines. The TSPs will primarily be set within existing right-of-ways and in the existing alignment.
- SCE will conduct off-site substation modifications (new relay systems and ancillary equipment will be installed within the substations) at three existing substations (Chatsworth, San Fernando, and Macneil) within the 66 kV transmission corridor. The relay systems will provide advanced electrical service protection from shortages.
- SCE will construct and operate the new on-site substation (the SCE Natural Substation) that will provide dedicated service to the new compressor plant.

Although this Application and the appended Project Design and Description (Appendix A) and PEA (Appendix B) include detailed discussion of the foregoing electrical modifications to comply with CEQA, SoCalGas is not seeking authority to complete these modifications itself. Rather, in conjunction with this Application, SCE will be seeking separate authority, as an electrical utility, to complete the electrical modifications, including any necessary filings with the Commission.

The SoCalGas activities, including the compressor station, Power Plant electric houseline (“PPL”), office trailers and guard house, are on SoCalGas’ privately owned land and entirely within the unincorporated Los Angeles County lands. The portion of SCE’s 66 kV sub-

transmission line relevant to this Project is located primarily within unincorporated Los Angeles County lands, with small portions within Newhall (a community within the City of Santa Clarita), Chatsworth, and Sylmar (communities within the City of Los Angeles). Land uses adjacent to the Project site consist of natural gas storage, residential, agricultural, recreational, open space, and an existing landfill. The overall region is characterized by canyons, hills, and mountain ranges, which provide an open space greenbelt around the perimeter of the Santa Clarita Valley. The Interstate 5 freeway north of Highway 14 bisects the sub-transmission portion of the Project area with open spaces such as the Santa Susana Mountains and associated park lands on the western side of Interstate 5.

### **III. CONFORMANCE WITH CALIFORNIA GAS STORAGE POLICY**

This Application presents the Commission with an important opportunity to implement the state's forward-looking gas storage policy. Specifically, the Commission and Legislature have sought to promote competition in gas storage services by encouraging the development of natural gas storage facilities that provide service to market storage customers. The Commission and California Energy Commission ("CEC") have continued to recognize the benefits of natural gas storage and reiterated their support for increased in-state natural gas storage. In the 2005 Energy Action Plan II, the Commission and CEC identified, under Natural Gas Supply, Demand, and Infrastructure, the following key actions:

- Provide that the natural gas delivery and storage system is sufficient to meet California's peak demand needs.
- Encourage the development of additional in-state natural gas storage to enhance reliability and mitigate price volatility.<sup>6</sup>

In its 2007 Integrated Energy Policy Report ("2007 IEPR"), the CEC affirmed that:

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<sup>6</sup> Energy Action Plan II, Natural Gas Supply, Demand, and Infrastructure, (September 21, 2005), Key Actions 3 and 4, p. 10.

The natural gas infrastructure system is critical to California's ability to provide a stable and reliable supply of gas since only 15 percent of our natural gas supplies are produced in state. Just as California looks for adequate supplies of natural gas, it must also ensure that its infrastructure can move and store supplies.<sup>7</sup>

The 2007 IEPR also recognized that "California's natural gas storage has been instrumental to help guard against interruptions or severe weather changes, ensuring adequate supplies and making some contributions to more stable prices."<sup>8</sup>

Expansion of the gas storage capacity at the Aliso Canyon facility is consistent with the goals articulated above, and will expand injection capacity in the State by approximately 145 MMcfd to meet the needs of the customers in the SoCalGas service territory, which currently serves 20 million end-use customers and transports natural gas to approximately 1,300 noncore customers.

#### **IV. SOCALGAS IS SEEKING AN AMENDED CPCN TO CONFIRM RATE RECOVERY AND THE COMMISSION'S PREEMPTORY AUTHORITY AND JURISDICTION OVER THE STORAGE FIELD.**

Natural gas utilities have lawfully expanded existing utility facilities without seeking approval via a CPCN application pursuant to P.U. Code Section 1001, which states in relevant part, "[t]his article shall not be construed to require any such [gas] corporation to secure such certificate for an extension within any city or city and county within which it has theretofore lawfully commenced operations. . . or for an extension within or to territory already served by it, necessary in the ordinary course of its business."<sup>9</sup> SoCalGas believes the Project would be an activity that would not require a second CPCN review from the Commission. Nevertheless, this Application is being filed to: (1) adjust SoCalGas' transportation rates to reflect the additional

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<sup>7</sup> 2007 IEPR, (November 2007), CEC-100-2007-008-CTF, p. 225.

<sup>8</sup> *Id.* at 227.

<sup>9</sup> *See, e.g.*, D.99-11-023, 1999 Cal. PUC LEXIS 856, 865 (granting WGRC a CPCN would open the door for "WGRC to expand later by building duplicate facilities [to PG&E's], without the need to seek explicit [CPUC] permission first."

costs allocated to the core storage and load balancing functions; (2) update the costs allocated to SoCalGas' unbundled storage program; and (3) confirm that the Commission has preemptory authority and jurisdiction over local zoning, construction, or other regulations, ordinances, codes, or requirements, pursuant to Article XII of the California Constitution, to the extent that they would deny, unduly burden, or significantly delay the Project.

With respect to the Commission's preemptory authority, it should be noted that Article XII, section 8, states, "[a] city, county, or other public body may not regulate matters over which the Legislature grants regulatory power to the Commission."<sup>10</sup> SoCalGas expects to obtain the necessary ministerial permits to construct and operate the Project (*e.g.*, any applicable ministerial grading or building permits). SoCalGas requests that the Commission express its intent to preempt local regulation of the Storage Field facilities and operations authorized by the CPCN to confirm SoCalGas' ability to construct the project and to operate the Storage Field subject to CPUC and other state and federal regulation. Specifically, SoCalGas requests that the CPUC preempt any discretionary grading or oak tree permits that may be required to implement the project.<sup>11</sup>

## **V. RULE 2.4 – CEQA COMPLIANCE**

Rule 2.4(b) of the Commissions Rules of Practice and Procedures requires that:

Any application for authority to undertake a project that is not statutorily or categorically exempt from CEQA requirements shall include a Proponent's Environmental Assessment (PEA). The PEA shall include all information and studies required under the Commission's Information and Criteria List adopted pursuant to Chapter 1200 of the Statutes of 1977 (Government Code Sections 65940 through 65942), which is published on the Commission's Internet website.

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<sup>10</sup> Section 8 continues, "[t]his section does not affect power of public utilities relating to the making and enforcement of police, sanitary, and other regulations concerning municipal affairs pursuant to a city charter existing on October 10, 1911, unless that power has been revoked by the city's electors, or the right of any city to grant franchises for public utilities or other businesses on terms, conditions, and in the manner prescribed by law."

<sup>11</sup> Based on SoCalGas' research and preliminary discussions with the County of Los Angeles, SoCalGas understands that these permits could take up to two years to obtain, and any ministerial permits could not be obtained until after the discretionary permitting process is complete.

Consistent with Rule 2.4, SoCalGas has prepared a PEA, which includes all of the information and studies required under the Commission's Information and Criteria List. The PEA is attached hereto as Appendix B.

SoCalGas retained a third-party environmental consultant, AECOM, to prepare the PEA. The PEA includes detailed analysis of the Project's potential environmental impacts on 16 environmental resource areas, in addition to potential cumulative and growth-inducing impacts. As noted above, because CEQA requires an evaluation of the impacts of the Project "as a whole," the PEA analyzes the potential impacts of the electrical modifications required to implement the Project, including off-site substation modifications, reconductoring and pole replacements, for which SCE will separately request Commission authorization.

The PEA supports the conclusion that the Commission should adopt a Mitigated Negative Declaration for the Project. With mitigation, the potential impacts of the Project will be reduced to a level that is less than significant. For these reasons, SoCalGas requests that the Commission adopt an MND in connection with its approval of the requests included in this Application.

## **VI. REQUEST FOR SECTION 851 APPROVAL**

As noted above, the location of the proposed SCE Natural Substation is on SoCalGas property and adjacent to the site proposed for the new central compressor station. In order to allow SCE to build and operate the proposed SCE Natural Substation equipment, the existing easement between SoCalGas and SCE needs to be widened from 50 feet to approximately 150 feet for approximately 300 feet in length (there will be a chain-link fence constructed 10 feet from the proposed SCE Natural Substation perimeter to provide appropriate protection and security).

Pursuant to Section 851, this expansion of an existing easement requires Commission approval. Accordingly, based on all the reasons set forth in this Application, SoCalGas contends that approval of expansion of the easement is in the public interest as a means to facilitating the construction of a substation necessary to complete the replacement of the old gas compressors with new, more efficient electrical compressors.

## **VII. REVENUE REQUIREMENT, RATE AND REGULATORY ACCOUNTING TREATMENT**

Pursuant to Commission Rules 3.1(h) and 3.2(a), SoCalGas provides the following description of its revenue requirement and rate treatment associated with the Project. The revenue requirement associated with the Project will be incorporated into rates when it is completed and placed in service. The revenue requirement for the subsequent year(s) will be included in rates in connection with SoCalGas' Consolidated Rate Filing, as described in Section VII, A, below. This process will continue until addressed in SoCalGas' next general rate case ("GRC") or other applicable proceeding.

### **A. Revenue Requirement**

The revenue requirement associated with the Project will be derived from the actual capitalized costs of the new electric compressor station, other related facilities, and estimates for capital benefits related to the replacement of the old gas compressor. In addition, the revenue requirement will also reflect estimates of O&M costs and benefits associated with increased charges from third parties, reduction in internal labor costs, and other associated fees.

The revenue requirement prepared in this Application separated the capitalized compressor station costs into two specific cost categories that correspond to specific FERC property accounts, book depreciable lives, and negative salvage components. A description of the accounts include Compressor Station Equipment (Acct. 354) with a depreciable life of 40

years and negative salvage component of 5%, and Structures and Improvements for Underground Storage (Acct. 351) with a depreciable life of 37 years and negative salvage component of 30%. The component for negative salvage represents additional costs included in the revenue requirement associated with future decommissioning, cost of removal and abandonment of the identified assets noted above. The depreciation lives and negative salvage components used in the revenue requirement reflect the most recently approved rates authorized by the Commission in SoCalGas' GRC decision (D.08-07-046). SoCalGas proposes to retire and recover the undepreciated remaining book value of the old compressors consistent with current ratemaking treatment adopted by the Commission, using the normal straight-line remaining life depreciation method. In addition, the revenue requirement prepared in this Application also utilizes the most recently approved weighted average cost of capital ("WACC") structure authorized by the Commission (in D.08-07-046) which includes a rate of return ("ROR") of 8.68% and an authorized return on equity ("ROE") of 10.82%.

The revenue requirement associated with the new electric compressor will be reduced by the revenue requirement of annual capitalized maintenance costs of \$0.5 million related to the old gas compressor. SoCalGas plans to reduce the revenue requirement for the Project accordingly, until the reduction in capital maintenance costs are incorporated in SoCalGas' next GRC.

Based on the operating efficiencies described in the Project Design and Description (Appendix A), SoCalGas estimates a net O&M savings of approximately \$0.4 million per year. SCE added facilities charges, offset by reduced third-party labor costs, reduced internal labor costs, and the elimination of emission fees associated with the use of electric-driven compressors, results in a net O&M saving of \$0.4 million. SoCalGas plans to reduce the revenue



requirement for the Project accordingly, until the O&M savings are incorporated in SoCalGas' next GRC. Estimated O&M costs and savings are summarized in Table 1, below.

<b>TABLE 1</b>					
<b>Summary of O&amp;M Costs/(Savings) - \$ thousands</b>					
	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
<b><u>3rd Party Labor Savings</u></b>					
Old Compressor - 3rd Party Charges	575	575	575	575	575
New Compressor - 3rd Party Charges	200	200	200	200	200
Labor Savings - 3rd Party Charges	(375)	(375)	(375)	(375)	(375)
<b><u>Internal Labor Savings</u></b>					
FTE reduction related to New Compressor	(220)	(220)	(220)	(220)	(220)
<b><u>Emission Fees Savings</u></b>					
Reduction in Emission Fees	(114)	(114)	(114)	(114)	(114)
<b><u>New Facility Charges</u></b>					
SCE Charges for New Facilities	266	266	266	266	266
<b>Total Net O&amp;M Costs/(Savings)</b>	<b>(443)</b>	<b>(443)</b>	<b>(443)</b>	<b>(443)</b>	<b>(443)</b>

The revenue requirements associated with the estimated capitalized compressor station and related facilities costs that will be collected in rates are shown in Table 2, below. The revenue requirements reflect reductions for the estimated O&M savings and capital benefits as previously discussed above.

<b>TABLE 2</b>					
<b>Revenue Requirement (\$ thousands)</b>					
	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Capital benefits - net	(59)	(156)	(229)	(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
<b>Revenue Requirement</b>	<b>22,756</b>	<b>29,630</b>	<b>28,611</b>	<b>27,439</b>	<b>26,344</b>

## **B. Rate Treatment**

SoCalGas will file an advice letter within 60 days after the assets are placed in service to incorporate the revenue requirements in rates on the first day of the next month following advice letter approval. The revenue requirement will be updated in subsequent years in connection with SoCalGas' Consolidated Rate Filing for rates effective January 1<sup>st</sup> of the following year. For example, if the Project is placed in service on March 31, 2013, then the revenue requirement in rates will be adjusted for the 9 months remaining in 2013; and, on January 1, 2014, the revenue requirement in rates will be adjusted for 12 months of revenue requirements. This process will continue until addressed in SoCalGas' next GRC or other applicable proceeding.

The revenue requirement associated with the Project is to be allocated to: (1) the Combined SoCalGas & SDG&E Core Storage, (2) Balancing, and (3) Unbundled Storage. This allocation will be based on the total injection capacity after the Project has been completed. These "post-replacement" injection capacities are shown in Table 3, below. Per the 2009 BCAP Phase 1 decision (D.08-12-020), incremental storage injection capacity will be allocated to core customers of SoCalGas and SDG&E proportionally to match the growth in core inventory capacity; the balancing function will remain at its current injection capacity; and remaining injection capacity will be allocated to the unbundled storage program.<sup>12</sup> Table 3 shows the allocation of injection capacity.

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<sup>12</sup> D.08-12-020 Appendix A, the Settlement Agreement, at paragraph 5 for core storage allocation, paragraph 9 for Balancing allocation, and paragraph 12 for unbundled storage allocation.

**TABLE 3**  
**Storage Injection Capacity (MMcfd)**

	<b>Current MMcfd</b>	<b>Current %</b>	<b>Proposed MMcfd (*)</b>	<b>Post Replacement MMcfd</b>	<b>Post Replacement %</b>
<b>Core Storage</b>	369	43.4%	19	388	39.0%
<b>Balancing</b>	200	23.5%	0	200	20.1%
<b>Unbundled Storage</b>	281	33.1%	126	407	40.9%
<b>Total</b>	850	100.0%	145	995	100.0%

\* Per D.08-12-020, core will be allocated an additional 4 Bcf of inventory capacity which is an increase of approximately 5%; and 5% of the core's current injection capacity is 19 MMcfd.

Applying the allocation of post-replacement injection capacities from Table 3 to the post-replacement storage injection revenue requirement, which includes the amounts from Table 2 as well as existing injection costs, results in the following cost increases to core, balancing and unbundled storage and the resulting rate impacts shown in Table 4, below.

**TABLE 4**  
**Allocation of Revenue Requirement and Rate Impact**

Millions and \$/therm  
Rate Impact is in comparison to current rates

<b>Year</b>	<b>Revenue Requirement (a)</b>	<b>Core Storage (b)</b>	<b>Load Balancing (b)</b>	<b>Unbundled Storage (b)</b>	<b>Core Rate Impact \$/therm (c)</b>	<b>NonCore Rate Impact (excl \$/therm (c)</b>
2013	\$22.8	\$7.8	\$3.8	\$11.2	\$0.00328	\$0.00051
2014	\$29.6	\$10.5	\$5.1	\$14.0	\$0.00331	\$0.00052
2015	\$28.6	\$10.1	\$4.9	\$13.6	\$0.00319	\$0.00050
2016	\$27.4	\$9.7	\$4.7	\$13.1	\$0.00304	\$0.00048
2017	\$26.3	\$9.2	\$4.5	\$12.6	\$0.00291	\$0.00046

(a) Amounts shown exclude FF&U.

(b) Allocation to storage functions based on "post-replacement capacity allocations" from Table 3 applied to the "total post-replacement storage costs." Amounts shown exclude FF&U.

(c) Amounts shown include FF&U; also, Year 1 Revenue Requirement is adjusted to reflect recovery over 9 months due to estimated in-service date of April 1, 2013.

The Core Storage costs in Table 4 will be allocated among SoCalGas' and SDG&E's

core customer classes based upon the allocation of core storage injection capacity that was approved in the BCAP Phase 1 Settlement decision (D.08-12-020).<sup>13</sup> The Balancing costs in Table 4 will be allocated among all customers classes using the Equal Cents per Therm method based upon the BCAP Phase 1 Settlement decision (D.08-12-020).<sup>14</sup>

The unbundled storage cost will be increased to reflect the higher costs in Table 4 above, which, in turn, will be reflected in the storage incentive mechanism approved in the BCAP Phase 1 Settlement decision (D.08-12-020).<sup>15</sup>

### **C. Regulatory Accounting Treatment – RECLAIM Trading Credits and O&M/Capital Benefits**

As discussed more fully in the Project Design and Description (Appendix A), based on historic operations at the Storage Field, the Project will reduce SoCalGas' demand for Regional Clean Air Incentives Market Trading Credits ("RTCs") to offset the emission of oxides of nitrogen ("NOx") by approximately 200 tons per year. The benefits that would result to storage customers depends on the market value of the RTCs, which is heavily driven by the South Coast Air Quality Management District's ("SCAQMD's") decisions on reducing the total pool of RTCs in existence. Therefore, the benefits to SoCalGas' storage customers resulting from the turbine replacement would be based on roughly 200 tons per year reduction in RTC demand times the market value of RTCs.

Since the value of the RTCs is difficult to forecast for the reasons described above, SoCalGas has not included a forecast of these benefits in the revenue requirements described in Section VII, A, above. In order to flow these RTC benefits through to customers, SoCalGas plans to establish the Aliso Canyon True-up Tracking Account ("ACTTA"). The ACTTA will

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<sup>13</sup> Workpapers of Mr. Emmrich's Embedded Cost Testimony in 2009 BCAP Phase 2 (A.08-02-001), updated for Phase 1 decision (D.08-12-020) at page 42.

<sup>14</sup> *Id.*

<sup>15</sup> D.08-12-020 Appendix A, the Settlement Agreement, at paragraph 8.

consist of two subaccounts: the RTC Subaccount and the O&M/Capital Benefits Subaccount. The RTC Subaccount will record the benefits from the RTCs generated by the Project. The benefits are the projected RTCs generated by the Project (200 tons/year) times a market value of the RTCs. The market value of the RTCs will be determined based on the average price per ton of RTCs that SoCalGas has either bought or sold in the marketplace during the year. Based on historical prices for RTCs bought or sold by SoCalGas over several years, SoCalGas estimates the value of the RTCs recorded to the RTC Subaccount could range from \$0.4 million to \$0.9 million per year, assuming a low market value of \$1,924/per ton and a high market value of \$4,472/per ton, respectively.

The O&M/Capital Benefits Subaccount will record the difference between the estimated benefits included in the Project revenue requirement and actual O&M and capital benefits realized. The combined balance in the ACTTA shall be allocated to core storage, load balancing and the Unbundled Storage Program, consistent with the “Post Replacement” injection capacity percentages detailed in Table 3, above. The portion allocated to the Unbundled Storage Program will be transferred to the Noncore Storage Balancing Account (“NSBA”) and be used to determine the allocation of storage earnings between ratepayers and shareholders for the applicable year under the Commission-adopted revenue-sharing mechanism. The remaining balance in the ACTTA will be amortized in the following year’s transportation rates in connection with SoCalGas’ annual regulatory account balance update filing, similar to the disposition of other regulatory account balances. This ACTTA mechanism will continue until the RTC and O&M/capital benefits are addressed in SoCalGas’ next GRC or other applicable proceeding.

#### **D. Electric Compressor Costs**

Under the current BCAP, SoCalGas uses an in-kind fuel charge to recover the non-core allocation of actual storage compressor fuel costs from non-core customers. Under Phase 2 of the BCAP, pending approval by the Commission, both core and non-core customers will be subject to an in-kind fuel charge for the recovery of storage compressor fuel costs. With the installation of these electric-driven compressor stations, the gas-driven storage compressor fuel at Aliso will be reduced and be replaced with electricity costs. For purposes of calculating the in-kind fuel rate charged to customers using storage injection, electricity costs will be converted to gas equivalents to determine the overall in-kind fuel rate after the electric motors are put in place. In determining the in-kind fuel rate, equivalent gas compressor fuel volumes (i.e., electricity costs divided by So. California Border gas prices = equivalent gas compressor fuel volume) will be added to actual gas compressor fuel used by SoCalGas' other compressors to develop the annually-adjusted total in-kind storage fuel factor. SoCalGas' system operator will sell this "equivalent gas" volume in the marketplace to pay for the electricity costs of the electric motors. The total storage fuel in-kind factor averaged 2.40% from 2005-2007. Assuming 9.2 cents/kwhr electricity costs and \$6/decatherm natural gas prices at the California border, the in-kind fuel factor would increase slightly (3%) to an estimated 2.48% when the current gas turbine units are replaced with the electric motors.<sup>16</sup>

#### **VIII. PUBLIC UTILITIES CODE SECTION 1002**

Public Utilities Code section 1002(a) provides that "[t]he Commission, as a basis for granting any certificate pursuant to section 1001 shall give consideration to the following factors:

1. Community values
2. Recreational and park areas

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<sup>16</sup> SoCalGas is not seeking to adjust the in-kind fuel charge in this Application.

3. Historical and aesthetic value
4. Influence on the environment . . .”

The Commission has observed that, independent of its obligations under CEQA, it must “include environmental influences and community values in [its] consideration of a request for a CPCN.”<sup>17</sup> SoCalGas addresses each of the factors below.

#### **A. Community Values**

The Project will protect and advance community values. The Project will reduce the potential for natural gas service interruptions, improve service reliability, and help protect ratepayers from price spikes. In addition, replacing the obsolete turbines will reduce air emissions at the site, and relocation of the guard house will reduce the potential for vehicular congestion on neighboring streets at the entrance to the Storage Field.

Moreover, the Project will not adversely affect community values. The existing Storage Field site is physically isolated from surrounding residential and commercial uses by topography and distance. SoCalGas has identified no impacts on the surrounding community that cannot be mitigated to a level below significant.

Furthermore, the Project will have a favorable socio-economic impact on the City of Los Angeles, City of Santa Clarita, community of Newhall and Los Angeles County. The Project will create temporary construction-related jobs over a 30-month period. The workforce may vary month-to-month. During the first 3 months of construction, the average daily workforce will be small. For the SoCalGas activities there will be up to 150 workers in the middle months and for SCE up to 42 workers. These numbers will gradually decline as the Project nears completion. (See PEA Section 3.) The increased employment may provide a temporary reduction in unemployment for the State. Furthermore, during the construction period, it is

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<sup>17</sup> Public Utilities Code section 1002.

anticipated that the local economy will experience a correlative increase in retail and sales tax revenue due to the workforce employed during the construction period.

SoCalGas has also prepared a bill insert that will notify ratepayers of this Application. SoCalGas' efforts to solicit public input, however, do not stop there. In support of community values, SoCalGas is implementing a robust public outreach plan to inform the community about the Project, and to solicit and facilitate community input. SoCalGas understands that the Project is a natural gas storage project and therefore not subject to the public notice requirements set forth in General Order ("G.O.") 131-D for electric projects. Nonetheless, because the Project includes an electric component, SoCalGas has voluntarily taken the same steps to notify the community about the Project and solicit community input in a manner consistent with G.O. 131-D. SoCalGas is working with SCE to implement its public outreach plan, which is described more fully below in Section IX.

#### **B. Recreational And Park Areas Not Impacted**

The Project will take place entirely on the existing facility, which is not openly accessible to the public, and has operated as a natural gas storage field for over 30 years. The location of nearby recreational open space and parks is shown in the PEA figure 4.14-1. No recreational or park land will be disturbed or otherwise affected. The Project will not increase or otherwise affect the use of the recreational/park areas. Ingress and egress of construction vehicles to the construction site within the Storage Field should likewise not impact any recreational or park areas. For these reasons, the Project will not impact recreational or park areas.

#### **C. Historical and Aesthetic Values Respected**

As stated in Section II, A, above, the Aliso Canyon facility has been in operation since



the early 1970's when it was converted from a depleted oil field. Much of the facility has been subject to disturbance due to the continual operations and maintenance of the natural gas wells. Based on a cultural resources study, there are no known archaeological sites within the Storage Field as detailed in the PEA chapters 4-5.

The Project will not have an aesthetic impact on the scenic vistas or aesthetic resources in the area. A detailed analysis of the potential aesthetics impacts is included in the PEA section 4-1.

For these reasons, the Project will not compromise the historical or aesthetic values of the community.

#### **D. Efforts To Minimize Influence On Environment**

As described above in Section V and the PEA (Appendix B), the potential environmental impacts associated with the Project will be reduced to a less than significant level with the incorporation of mitigation measures. SoCalGas will undertake all reasonable efforts to ensure that construction activities will be conducted safely and with minimal environmental impacts. The Project has been designed to include Applicant Proposed Measures (“APMs”) that will avoid and/or minimize impacts to aesthetics, air quality, cultural resources, geology, hazards, transportation and utilities. In addition, the PEA identifies additional mitigation measures that will further reduce the impacts associated with the Project. SoCalGas will retain a Mitigation Compliance Manager to ensure that all APMs and mitigation measures are implemented. In addition, to the extent feasible, the Project has been designed and located to avoid areas that have not been previously disturbed. This is consistent with SoCalGas’ strong track record on maintenance efforts at the Aliso Canyon facility.<sup>18</sup>

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<sup>18</sup> In June 2009, DOGGR awarded SoCalGas the “Outstanding Lease Maintenance Award” for the 25th consecutive year for the Aliso Canyon facility. Sites are nominated for the award by DOGGR field inspectors.

## **IX. PUBLIC OUTREACH**

As noted above, SoCalGas understands that public outreach is one of the most important parts of any project. With every project, the public outreach efforts focus on ensuring that the community is fully informed of the impacts and benefits and that, throughout each stage of a project, the community has a meaningful opportunity to be heard and to have its opinions responded to in a thoughtful way. With this in mind, SoCalGas established a public outreach team for the Project. Considering the fact that a significant part of the Project concerns modifications to SCE's electrical system, this team was established with the intent that it would work in partnership with a similar team at SCE. As described in detail below, after careful and extensive evaluation of the Project, including site visits and tours of all impacted areas, the public outreach team from both SoCalGas and SCE developed a strategic plan for community involvement. Using G.O. 131-D as a model, the outreach plan calls for a broad amount of notice to the public during three phases: pre-filing phase, filing phase and post-filing phase.<sup>19</sup>

As part of the pre-filing phase of the outreach plan, the public outreach teams have been reaching out to residents and community leaders in the Santa Clarita and San Fernando Valleys for the past several months. Specifically, they have briefed local elected officials in the City of Santa Clarita and in the City of Los Angeles. In addition, they have briefed the Office of Los Angeles County Supervisor Michael D. Antonovich and the offices of those state senators and state assembly members that represent the Project area. The responses to the briefing have been positive. Additionally, the teams have:

- conducted door-to-door outreach to those businesses and residents that are directly impacted by the Project;
- designed a website containing an overview of the Project and the anticipated

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<sup>19</sup> It should be noted that as a non-electrical utility, SoCalGas is not subject to the requirements of G.O. 131-D.

time-line (<http://www.socalgas.com/aliso/>);

- created a fact sheet (see Appendix C);
- mailed fact sheets directly to residents within 300 feet of the perimeter of the Storage Field, within 300 feet of SCE's right-of-way and within 300 feet of all electrical facilities to be modified;
- set up a toll free number specifically for the Project so that residents can easily receive more information and answers to their questions;
- held a community open house to introduce the Project to the community and to take input on the Project.

The community open house was held in the City of Santa Clarita at the Wiley Canyon Elementary School on September 10, 2009 from 4:30 PM to 7:30 PM. Invited to the community open house were those residents on the 300 foot lists and local elected officials and community leaders. An invitation was also placed in the Signal News on three separate occasions leading up to the community open house and on local community boards in the Santa Clarita and San Fernando Valleys. The community open house was well received, and, overall, the comments from those that attended were positive. No significant opposition to the Project was received. All of the comments have been addressed.

As part of the filing phase of the outreach plan, the public outreach teams will continue to brief local elected officials and community leaders and continue to answer questions from the public about the Project. Moreover, as described in more detail below, SoCalGas will satisfy all the Rule 3.2 noticing requirements associated with rate increase applications, including the use of a bill insert and newspaper publications. Additionally, again using G.O. 131-D as a model, residents within 300 feet of the outer perimeter of the Storage Field and the perimeter of SCE's

electrical modifications and relevant right-of-ways, will be notified of the filing of this Application via a notice approved by the Commission's Public Advisors Office. Local and state agencies will also be notified. Finally, notice of this Application will be published in newspapers of general circulation within Los Angeles County.

During the post-filing phase, the public outreach teams will continue all efforts undertaken during the second phase and they will proactively reach out to local stakeholders regarding the construction of the Project. More specifically, the teams will hold additional community open houses in the Santa Clarita Valley and in the San Fernando Valley and give presentations to several community groups, such as homeowners associations and neighborhood councils, to address concerns with construction impacts and to receive input.

The public outreach plan is fluid enough to change according to the facts and circumstances at hand during anyone of the foregoing phases.

## **X. OTHER STATUTORY AND PROCEDURAL REQUIREMENTS**

### **A. Rule 2.1 (a) – (c)**

In conformance with Rule 2.1 (a) – (c) of the Commission's Rules of Practice and Procedure, SoCalGas provides the following information.

#### **1. Rule 2.1 (a) - Legal Name**

Applicant's legal name is SOUTHERN CALIFORNIA GAS COMPANY, a public utility corporation organized and existing under the laws of the State of California, with its principal place of business at 555 West 5th Street, Los Angeles, California 90013..

#### **2. Rule 2.1 (b) - Correspondence**

All correspondence or communications regarding this Application should be addressed to:

Beth Musich  
Regulatory Case Manager  
Southern California Gas Company  
555 West Fifth Street, GT14D6  
Los Angeles, CA 90013-1034  
Phone: (213) 244-3697  
Fax: (213) 244-3201  
Email: bmusich@semprautilities.com

With a copy to:

David J. Gilmore  
Attorney  
Southern California Gas Company  
555 West Fifth Street, GT14E7  
Los Angeles, CA 90013-1034  
Phone: (213) 244-2945  
Fax: (213) 629-9620  
Email: dgilmore@sempra.com

John A. Pacheco  
Attorney  
Southern California Gas Company  
101 Ash Street, 12<sup>th</sup> Floor  
San Diego, CA 92101-3017  
Phone: (619) 699-5130  
Fax: (619) 699-5027  
Email: jpacheco@sempra.com

### **3. Rule 2.1 (c)**

#### **a. Proposed Category of Proceeding**

SoCalGas proposes to categorize this Application as a “ratesetting” proceeding within the meaning of Rule 1.3(e).

#### **b. Need for Hearings**

SoCalGas does not believe that approval of this Application will require hearings. SoCalGas has provided ample supporting analysis and documentation that provide the Commission with a sufficient record upon which to grant the relief requested on an ex parte basis. Ex parte grant

of the authorizations sought herein at the earliest achievable date will permit SoCalGas to proceed with the Project under the construction schedule set forth in the Project Design and Description (Appendix A). If the Commission finds that hearings are necessary, SoCalGas requests that such hearings be conducted as soon as practicable.

**c. Issues to be Considered**

The issues to be considered are described in this Application and the accompanying appendices.

**d. Proposed Schedule**

SoCalGas proposes the following schedule:

<u><b>ACTION</b></u>	<u><b>DATE</b></u>
Application filed	September 28, 2009
End of Response Period (including Applicant Reply)	Approximately November 9, 2009
Proposed Decision	March 29, 2010
Comments on Proposed Decision	April 19, 2010
Reply Comments on Proposed Decision	April 26, 2010
Commission Decision Adopted	May 2010

**B. Rule 2.2 – Articles of Incorporation**

A copy of SoCalGas’ Restated Articles of Incorporation, presently in effect and certified by the California Secretary of State, was filed with the Commission on October 1, 1998 in connection with A.98-10-012, and is incorporated herein by reference.

**C. Rule 2.3 – Financial Statement**

SoCalGas’ most recent financial statement is attached as part of Appendix D.

#### **D. Rule 3.1**

In conformance with Rule 3.1 (a) – (i) of the Commission’s Rules of Practice and Procedure, SoCalGas provides the following information.

##### **1. Rule 3.1(a) – Description of Proposed Construction**

A full description of the Project is provided in the detailed Project Design and Description (Appendix A), including various maps. For a general description, see Section II, B, above.

##### **2. Rule 3.1(b) – Competitors/Area of Service**

Below are the names and addresses of all entities which are or may be competitors to SoCalGas for storage services:

1. Pacific Gas and Electric Company  
Law Department  
Attn: Keith Sampson  
77 Beale Street  
San Francisco, CA 94105
2. Gill Ranch Storage, LLC  
c/o Ann Trowbridge  
Day Carter & Murphy LLP  
3620 American River Drive, Suite 205  
Sacramento, CA 95864
3. Sacramento Natural Gas Storage, LLC  
c/o Law Office of Alfred F. Jahns  
3436 American River Drive, Suite 12  
Sacramento, CA 95864
4. Lodi Gas Storage, LLC  
c/o James W. McTarnaghan  
Duane Morris, LLP  
One Market Street, Suite 2000  
San Francisco, CA 94105
5. Wild Goose Storage Inc.  
c/o Jeanne B. Armstrong

Goodin MacBride Squeri Day & Lamprey LLP  
505 Sansome Street, Suite 900  
San Francisco, CA 94105

6. Central Valley Gas Storage  
c/o Nicor, Inc.  
P.O. Box 3014  
Naperville, IL 60566-7014
7. Tricor Ten Section Hub, LLC  
c/o Chris Kunzi  
4675 Mac Arthur Court, Suite 670  
Newport Beach, CA 92660

Appendix E contains a map of the present and proposed storage facilities and a legend of the owners of those storage facilities. The Aliso Canyon facility will continue to perform its storage services in the unincorporated County of Los Angeles. Its address is:

County of Los Angeles  
Kenneth Hahn Hall of Administration  
500 W. Temple Street  
Los Angeles, CA 90012

### **3. Rule 3.1(c) – Map**

A map showing the location of the Project, including the affected portions of SCE's 66 kV sub-transmission line, is provided in the attached Project Design and Description (Appendix A). The Aliso Canyon facility is located at a significant distance from the entities listed in Section X, D, 2, above. A map depicting the Aliso Canyon facility, in relation to its closest possible competitors, is also included in Appendix E.

### **4. Rule 3.1(d) – Permits and Approvals**

The permits anticipated to be applicable to the Project include County building and grading permits. In addition, approvals may be necessary to comply with the federal Clean Water Act and the California Porter-Cologne Water Quality Act.



**5. Rule 3.1(e) – Facts Showing Public Convenience and Necessity**

The facts showing that public convenience and necessity require this Project are contained within this Application and the accompanying Project Design and Description (Appendix A).

**6. Rule 3.1(f) – Estimated Costs**

As discussed in greater detail in the Project Design and Description (Appendix A), SoCalGas estimates the total capital cost of the Project to be \$200.9 million. SoCalGas has also included this same project costs in support of its revenue requirement that will be charged to ratepayers as explained in more detail in Section VII, A, above. The revenue requirement also reflects a reduction associated with the elimination of capitalized maintenance costs related to the old gas compressors.. Lastly, the Project reflects O&M annual net savings to ratepayers (or reductions) of \$443 thousand. These savings are the net result of third-party charges to maintain the new compressors and facilities charges from SCE offset by the elimination of internal labor costs, reduction in emission fees and third-party charges associated with the old compressor (these savings are explained in more detail in Section VII, A, above).

**7. Rule 3.1(g) – Financial Ability**

SoCalGas hereby states that it filed a financing application (A.09-03-009) on March 5, 2009 to seek the authority to issue up to \$800 million in long-term debt to finance, among other things, the Project. This application was approved by the Commission on September 24, 2009. Furthermore, SoCalGas' ability to fund the Project is demonstrated through its financial statement, which is attached as part of Appendix D.

**8. Rule 3.1(h) – Proposed Rates**

A statement of proposed rate increases is attached as Appendix F. Also, details regarding

revenue requirement and regulatory accounting associated with the Project are included in Section VII, above.

**9. Rule 3.1 (i) – Proxy Statement**

A copy of SoCalGas' most recent proxy statement, dated April 17, 2009, was mailed to the Commission on April 23, 2009 and is incorporated herein by reference.

**E. Rule 3.2 (a) – (d) – Authority to Increase Rates<sup>20</sup>**

In conformance with Rule 3.2 (a) – (d) of the Commission's Rules of Practice and Procedure, SoCalGas provides the following information.

**1. Rule 3.2 (a) (1) – balance sheet and income statement**

SoCalGas' latest available balance sheet and income statement are included with this Application as part of Appendix D.

**2. Rule 3.2 (a) (2) – statement of effective rates**

A statement of all of SoCalGas' presently effective gas rates can be viewed electronically by accessing <http://www.socalgas.com/regulatory/tariffs/tariffBook.shtml>. Appendix G to this Application provides the table of contents from SoCalGas' gas tariffs on file with the Commission.

**3. Rule 3.2 (a) (3) – statement of proposed increases**

A statement of proposed rate increases is attached as Appendix F.

**4. Rule 3.2 (a) (4) – description of property and equipment**

A general description of SoCalGas' property and equipment was previously filed with the Commission on May 31, 2004, in connection with A.04-05-008 and is hereby incorporated by reference. SoCalGas' most recent original cost of utility plant, together with the relative reserves for depreciation and amortization, is attached hereto under Appendix H.

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<sup>20</sup> Note Rule 3.2(a) (9) is not applicable to this Application.

#### **5. Rule 3.2 (a) (5) and (6) – summary of earnings**

A summary of SoCalGas' earnings (for the total utility operations for the company) for the six month period ending June 30, 2009, is included as Appendix I.

#### **6. Rule 3.2 (a) (7) – statement re tax depreciation**

For financial statement purposes, depreciation of utility plant has been computed on a straight-line remaining life basis, at rates based on the estimated useful lives of plant properties. For federal income tax accrual purposes, SoCalGas generally computes depreciation using the straight-line method for tax property additions prior to 1954, and liberalized depreciation, which includes Class Life and Asset Depreciation Range Systems, on tax property additions after 1954 and prior to 1981. For financial reporting and rate-fixing purposes, “flow through accounting” has been adopted for such properties. For tax property additions in years 1981 through 1986, SoCalGas has computed its tax depreciation using the Accelerated Cost Recovery System. For years after 1986, tax depreciation has computed using the Modified Accelerated Cost Recovery Systems and, since 1982, has normalized the effects of the depreciation differences in accordance with the Economic Recovery Tax Act of 1981 and the Tax Reform Act of 1986.

#### **7. Rule 3.2 (a) (8) – proxy statement**

As noted above for Rule 3.1(i), a copy of SoCalGas' most recent proxy statement, dated April 17, 2009, was mailed to the Commission on April 23, 2009 and is incorporated herein by reference.

#### **8. Rule 3.2 (a) (10) – statement re pass through to customers**

The rate changes that SoCalGas seeks in this Application reflect costs to SoCalGas; and, SoCalGas proposes to pass through to customers only costs that SoCalGas incurs for the services and commodities it furnishes.

**9. Rule 3.2 (b) – notice to state, cities and counties**

SoCalGas will, within ten days after the filing this Application, mail a notice to the State of California and to the cities and counties in its service territory and to all those persons listed in Appendix J to this Application.

**10. Rule 3.2 (c) – newspaper publication**

SoCalGas will, within ten days after the filing of this Application, post in its offices and publish in newspapers of general circulation in each county in its service territory notice of this Application.

**11. Rule 3.2 (d) – bill insert notice**

SoCalGas will, within 45 days of the filing of this Application, provide notice of this Application to all of its customers along with the regular bills sent to those customers that will generally describe the proposed revenue requirement changes addressed in this Application.

**X. SERVICE**

Because this is a new application, no service list has been established for this proceeding. Accordingly, SoCalGas will serve this Application, including its Appendices, on parties to the service list for A.08-02-001 (2009 BCAP). Pursuant to Commission Rule 1.9(c), service will be accomplished via a Notice of Availability.

**XI. CONCLUSION**

For all the foregoing reasons, SoCalGas requests that the Commission:

1. amend SoCalGas' CPCN in order to authorize the Project;
2. find that the Project qualifies for a Mitigated Negative Declaration;
3. grant P.U. Code Section 851 approval related to the expansion of an easement necessary for completion of the Project;

4. approve SoCalGas' revenue requirement request and rate recovery for the Project; and
5. clarify that the Commission, in granting an amended CPCN, has preemptory authority over city and county zoning regulations, ordinances, codes, or requirements, under a finding that the Project serves the public interest.

Respectfully submitted this 28th day of September 2009.

By:     /s/ John A. Pacheco      
John A. Pacheco

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## VERIFICATION

I am an officer of Southern California Gas Company, the Applicant in the above-captioned matter, and am authorized to make this verification on its behalf. The statements in the foregoing document are true on my own knowledge, except as to matters which are stated therein on information or belief, and as to those matters, I believe them to be true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: September 28, 2009, at Los Angeles, California.

/s/ LEE M. STEWART

Lee M. Stewart  
Senior Vice President, Gas Operations

# **APPENDIX A**

## **PROJECT DESIGN AND DESCRIPTION**

# Aliso Canyon Turbine Replacement Project Design and Description



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## **PROJECT DESIGN and DESCRIPTION**

### **INTRODUCTION**

Southern California Gas Company (SoCalGas) provides natural gas to approximately six million customers in Southern California. SoCalGas operates four underground storage facilities to help meet peak hourly, daily, and seasonal demands for all its customers. Natural gas is generally withdrawn from storage during the winter months and injected into storage during the spring and summer months. However, there are cases where injection and withdrawal occur on the same day.

Aliso Canyon is SoCalGas' largest underground natural gas storage field and one of the largest in the United States. The field has 84 billion cubic feet (Bcf) of working storage inventory, 82 Bcf of cushion gas, 1.875 Bcf per day (Bcf/d) of withdrawal capacity, and current end-of-cycle turbine injection capacity of 300 million cubic feet per day (MMcfd). Approximately 45 percent of SoCalGas' total firm injection capacity is provided by the Aliso Canyon natural gas storage field (hereinafter referred to as "the Storage Field"). The majority of the injection capacity at the Storage Field is provided by three natural gas turbine-driven centrifugal compressors (TDCs) providing 15,000 International Organization for Standardization (ISO) horsepower each. These units were installed in the 1970s and have poor efficiency due to their use of older technology and require constant maintenance. As storage services are a critical part of SoCalGas' hourly, daily, and seasonal supply/demand balance equation, it is imperative that the Storage Field remains highly reliable and efficient. The Aliso Canyon Turbine Replacement (ACTR) project ("Project") will replace all existing obsolete TDC compression equipment, including the gas coolers.

### **BACKGROUND**

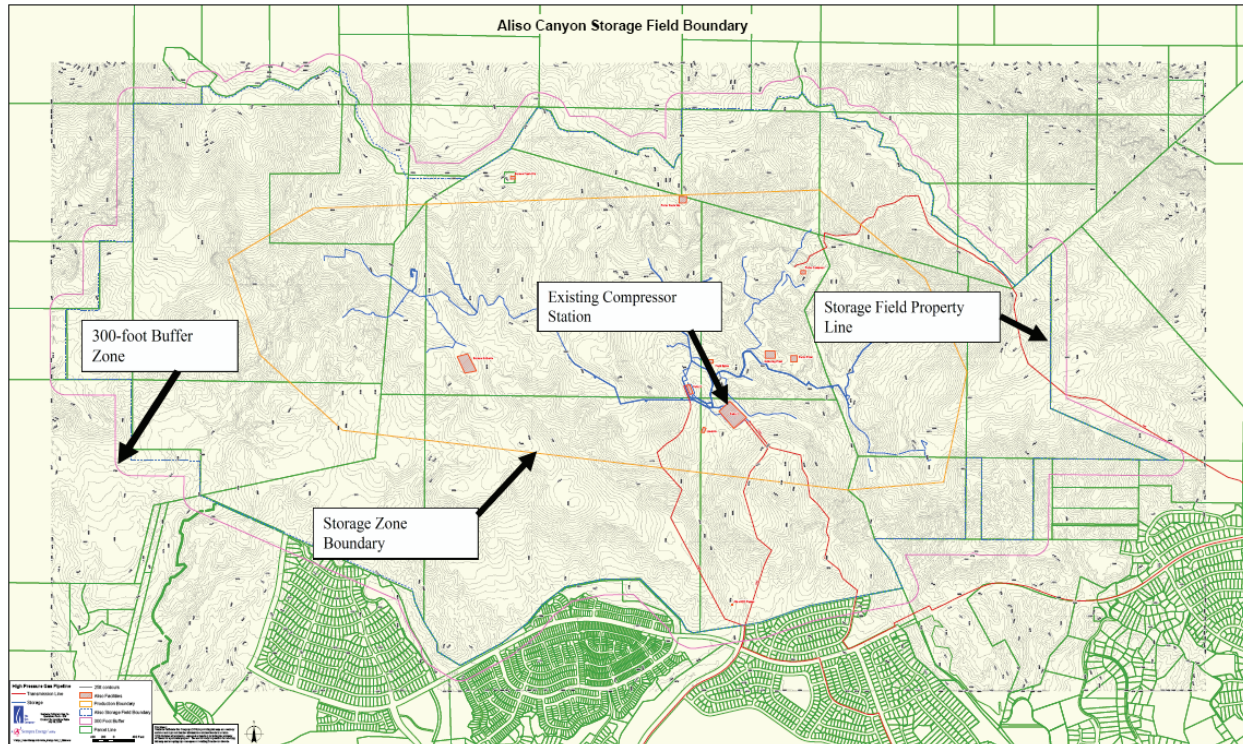
Figure 1 shows the location of the Storage Field including the property boundary and the location of the existing compressor station.

The existing natural gas system within the Project area is the Storage Field, owned and operated by SoCalGas. The Storage Field covers approximately 3,600 acres. The actual gas storage zone is approximately 550 acres and is entirely within the Storage Field's boundary (Figure 1a). Since the storage zone is a depleted oil field, in 2006, the

oil recovery rate was recorded at 201 barrels of oil per day (BOPD) and the water production rate was recorded at 299 barrels per day.

Figure 1 – Aliso Canyon Storage Field Boundary and Project Sites



**Figure 1a – Aliso Canyon Storage Field**

### History of Oil/Gas Field

The Storage Field was discovered in 1938 with the drilling of the Tidewater Association Oil Company (currently the Chevron-Texaco Oil Company) Porter No. 1 oil well. It was subsequently turned into a natural gas storage field in 1974. At the end of the first injection cycle (in 1974), the gas inventory was approximately 61 Bcf.

### Reservoir Injection/Withdrawal Wells

The Storage Field has 116 injection/withdrawal wells, two observation wells and two water disposal wells that discharge into a shallower zone. The depth of the storage zone ranges from 7,100 feet to 9,400 feet. The average depth of the wells is approximately 8,500 feet.

## **Obsolete Equipment**

The existing gas turbines are General Electric LM1500s. They were developed in the late 1960s as a derivative of the military J79 and the civilian CJ805 aircraft turbines. The industrial version (LM1500) is not completely interchangeable with the aircraft versions. Only 120 LM1500s were sold and currently less than 20 exist in the United States with many used as stand-by units. Since several parts are not interchangeable with the aircraft engines and there are few LM1500s still in existence, Original Equipment Manufacturer (OEM) parts for the LM1500 are not produced. Parts must either be reworked or custom-built per OEM specifications. The only OEM LM1500 repair facility is in Fort St. John, Canada.

The scarcity of parts is making any repairs costly with long lead times. The LM1500 is not the only component of the TDC train that is old, inefficient, less reliable and/or has unavailable parts. The power turbine, model DJ125, was also produced in limited quantities. Only 17 were made. They are nearing the end of their mechanical life and must be recertified or custom-built at great cost with long lead times. The gear box and compressor are equally old and inefficient. See Figures 2 and 3.

**Figure 2 –Complete TDC from left to right: Compressor, gear, exhaust stack, LM1500 housing, air inlet.**





**Figure 3 – The natural gas compressor end of a TDC.**



## **EFFICIENCY and RELIABILITY**

The technology available in the 70s has been drastically updated. Diffusion flame gas turbines like the LM1500s have been replaced by LoNOx designs with much better heat rates (Btu/hp). The approximate LM1500 heat rate is 12,000 to 14,000 Btu/hp in comparison to modern equipment with a heat rate of 8,000 Btu/hp for comparably sized machines. Efficiency gains for gears, power turbine and compressor have also improved.

Since the Storage Field is so critical to SoCalGas' operation, availability and reliability are paramount. Due to the limited parts and the fact that there is only one approved rebuild facility, SoCalGas has worked with S&S (the Canadian GE OEM Rebuild Shop) to maintain a "loaner" unit that can be exchanged while a SoCalGas unit is being refurbished/rebuilt. When the original rebuilt unit is returned to the Storage Field, pursuant to permit conditions, it must be placed back into its original position and the loaner must be returned. In this way, injection capacity is maintained. However, injection can and does occur at any time during the year. Also due to permit limitations,

no on-site spare units are allowed. SoCalGas has developed an aggressive annual preventative maintenance and inspection program. This includes spare parts, the “loaner” unit and Customer Service Agreement (CSA) to minimize downtime. Even with a thorough inspection after each injection season (an injection season consists of approximately 3,500 hours of run time) at least one combustor section repair per year is required, an average of one complete hot section rebuild is required every two years and a zero-hour rebuild is completed every six to eight years. Despite aggressive maintenance measures, over the last three years, unscheduled outages of the gas turbines have occurred during 6.8% of the summer injection season hours. That outage percentage for 2009 has already risen to 13.4%.

There are situations, however, where the “loaner” agreement needs to be exercised during the injection season. For example, during 2009, a unit needed major repairs after only 1200 hours of service. A turnaround in this instance takes at least a week for removal of the malfunctioning unit, trucking it to Canada, and travel time for the loaner unit from Canada to the Storage Field for installation. This is in stark contrast to newer turbines that run approximately 20,000 to 30,000 hours between major maintenance.

Similar operational procedures are in place for the compressors. For the three compressors, SoCalGas has four internal sections which allows for one internal section to be used as a spare. After each injection season, one internal section is removed and sent for refurbishing and replaced by the spare. Therefore, all internal sections are refurbished every few years whereas newer units can average 10 years between refurbishing.

## **PROJECT OBJECTIVES**

Southern California needs a reliable and efficient natural gas supply in order to support power generation and serve heating, cooking, and other energy needs of residential, commercial and industrial users. The reliability and efficiency of natural gas supply is directly related to the ability to purchase gas supplies during periods of low cost/low demand and to store it for withdrawal during high demand/high cost periods. This dynamic allows gas suppliers and customers to avoid making spot market purchases at typically higher prices and to ensure gas is available at times of peak demand. In its 2007 Integrated Energy Policy Report (2007 IEPR), the California Energy Commission stated that the natural gas infrastructure system is critical to California’s ability to provide a stable and reliable supply of gas since only 15 percent of California’s natural gas is produced in state. The 2007 IEPR further stated that “California’s natural gas

storage has been instrumental to help guard against interruptions or severe weather changes, ensuring adequate supplies and making some contributions to more stable prices.”

The overall need for natural gas is best met through an efficient storage system. Avoiding potential interruptions in the ability to inject purchased gas (e.g., due to breakdowns of equipment such as the obsolete TDC units) and increasing the ability to rapidly inject purchased gas (e.g., through increasing the injection capacity) represent efficiencies that can provide benefits to the overall gas storage system.

Consistent with the need for efficient storage systems in California, in SoCalGas’ 2009 Biennial Cost Allocation Proceeding (BCAP), SoCalGas entered into a settlement agreement (SA) with all of the parties representing SoCalGas customers (residential, commercial, industrial, electric generation, and wholesale). The SA was approved by the Commission in D.08-12-020 and provides as follows:

SoCalGas shall make commercially reasonable efforts to replace the existing three obsolete LM-1500 turbines used to compress up to 300 MMcf per day of natural gas for injection into storage at its Aliso Canyon storage facility. Production by the manufacturer of these obsolete turbines was halted in the late 1970s and replacement parts are extremely limited. SoCalGas shall, during the replacement of the existing turbines, expand overall injection capacity at Aliso Canyon to the extent feasible by approximately 145 MMcfd. The replacement of turbines and expansion of injection capacity at Aliso Canyon shall be undertaken as soon as possible.

...

The parties hereto agree to support expeditious approval of any CPCN application filed by SoCalGas with the Commission seeking authority to construct the storage injection facilities addressed in this paragraph.

Based on the above, the following are the Project’s objectives:

1. Reduce the potential for interruptions in the ability to store gas in the Storage Field, by replacing the obsolete TDC compressor station.

2. Meet the terms of the Commission-approved SA by replacing the TDCs and expanding the overall injection capacity at the field by approximately 145 MMcfd in a timely manner.
3. Convert the TDC compression units within the Storage Field from natural gas to electric power.
4. Design and construct a new electric compressor station and all necessary related infrastructure to increase the injection capacity at the Storage Field by approximately 145 MMcfd.
5. Provide improved vehicle access and security to the Storage Field by constructing a new guard house; relocate and replace existing office trailers in close proximity to the current TDC station and Storage Field facilities; preserve other on-site facilities and minimize changes to Storage Field facilities where feasible and practicable.
6. Ensure successful conversion to electric compression prior to decommissioning the existing TDCs to minimize the potential for gas supply service interruptions after construction of the Project.
7. Utilize recent engineering and technological advances.

The Project objectives support the overall need for a reliable, efficient, and cost-effective gas supply. The Project addresses these objectives by: 1) designing, constructing and operating a new, higher-capacity gas storage compressor station, and 2) powering the new compressor station with electric motor driven compressors and incorporating technologies such as variable frequency drives (VFD) into its design.

## **PROJECT DESIGN**

A pre-engineering study was commissioned in 2006. This study was to perform preliminary design for a new compression project that would increase injection capacity, use modern high-efficiency equipment and evaluate alternatives to the existing TDC systems. The main alternatives evaluated were driver replacement with gas turbines or electric motors. The analyses recommended electric drive compressors due to many factors: existing electric service, environmental/permit concerns, operability, reliability,

maintainability, cost, O&M, start/stop cycling, plot size, Selective Catalytic Reduction (SCR)/Continuous Emission Monitoring System (CEMS) requirements, start-up and shut-down procedures, etc. Unlike electric motors, gas turbines are designed and offered in given horsepower sizes. Therefore, when evaluating turbine requirements, consideration must be made for efficiency, elevation, temperature, and speed change. New turbines also require SCR and potential waste heat recovery. Another influencing factor was that Southern California Edison Company (SCE) has an existing 66 kilovolt (kV) line that traverses the Storage Field and, in fact, spans directly over the existing and proposed compressor station sites.

The cost of gas .vs. electric options was evaluated during the pre-engineering study. Gas and electric options were developed based on EPC estimates and other capital costs that are different between gas and electric, less O&M reductions for the replacement only option (300 MMcfd of injection capacity) and the expansion option (450 MMcfd of injection capacity). The electric option for 450 MMcfd was chosen based on cost and other considerations detailed above. Other costs that are similar for both gas and electric are not included such as the CPCN, PEA, environmental consultants, etc. The difference of cost between replacement and expansion for the electric option to meet the SA requirement was only \$24 million for an injection capacity increase of 145 MMcfd. See Table 1.

**Table 1 – Capital and O&M Cost Comparison for Gas .vs. Electric Options**

**Capital Costs in 2008 \$MM's**

	<b>Gas Replacement</b>	<b>Gas Expansion</b>	<b>Electric Replacement</b>	<b>Electric Expansion</b>
<b>Capital Costs</b>				
<i>EPC Contract</i>	\$141.50	\$175.90	\$133.20	\$156.20
<i>SCE 1-Time</i>	n/a	n/a	\$6.80	\$6.80
<i>Emission Offsets</i>	\$6.30	\$6.30	n/a	n/a
<i>Other</i>	\$2.20	\$2.20	\$4.70	\$4.70
<b>Annual O&amp;M Change (excl. fuel)</b>	<b>(\$0.50)</b>	<b>(\$0.50)</b>	<b>(\$0.94)</b>	<b>(\$0.94)</b>
<b>Total</b>	<b>\$149.50</b>	<b>\$183.90</b>	<b>\$143.76</b>	<b>\$166.76</b>

NOTE: EPC Contract cost includes EPC, additional on-site generation, preliminary engineering, and permits. "Other" includes extending power to the site, SoCalGas overhead, replacement of office trailers, oak tree offsets, soil work, and initial fills.

In order to continue the ability to inject gas at Aliso Canyon continuously during construction, the new electric-driven compressor station will be constructed and commissioned without affecting the existing TDCs. To attempt to replace the existing TDCs in the same location would require months of outage with no injection capacity or a staged construction replacing only one TDC at a time with an electric system. This construction process is more time-consuming, requires work within and around operating equipment and creates potential problems with compatible instrumentation and control.

### **Removal of the existing TDCs and associated equipment**

Due to the critical role the Storage Field plays in SoCalGas' gas storage and distribution system, the existing TDC system will remain on stand-by for at least one injection cycle after completion of the Project. If any unforeseen problem occurs with the new equipment and a lengthy delay in restart is contemplated, the stand-by equipment may be used for whatever injection capacity it can deliver. Once operational stability of the new equipment can be resumed, the existing TDC and associated equipment will be retired under the normal accounting process for utility retirement as in the past.

Prior to dismantling the TDC systems, the turbines, gears, compressors, coolers and ancillary equipment will be offered for sale as complete units or parts. The remaining structures, inlet plenum, exhaust stack, piping, controllers, valves, etc. will be sold as scrap metal to offset removal costs. Any piping, structures, fittings or scrap that is painted will be analyzed for lead content. Any material found with unacceptable lead concentrations will be disposed of via internal procedures for lead abatement. Foundations will be removed and the site will be leveled to grade. Dismantling will require the use of cranes, backhoes and dump trucks or flat beds. This activity will not be in combination with any other construction activities and emissions will be minor and not cumulative with any other construction activities. Future use of the site is unknown at this time.

## Well-Head Sites

The existing storage field injection/withdrawal wells will not be affected by this Project. There may be two wells that will be temporarily out-of-service during construction if that area is used as a temporary lay-down area. There will not be any new injection/withdrawal wells constructed. There are no abandoned wells on the Project site and there are no well abandonments planned for the Project. There will not be any additional monitoring or test wells constructed as part of the Project.

## Project Components

The Project will consist of four primary components:

### SoCalGas Components – See Figures 4 and 9

1. Construct a new Central Compressor Station and install new equipment including three 22,000 HP motors, compressors, piping, coolers, and other required equipment.
2. Replace existing office trailer facilities with new office trailers at a site in proximity to the new compressor station and relocate the guard house at the facility's entrance.
3. Construct a new 12 kV Plant Power Line (PPL) that will provide dedicated electric services to the new compressor station. The distribution line will be interconnected from the new electric substation to the new compressor station.

### SCE Components

4. Rebuild, modify, and re-conductor the existing 66 Kv SCE system to supply power to the electric compressor drives.
  - a. Construct a new substation (the "Natural Substation") including foundation and equipment pads, electrical equipment, installation of security perimeter wall/chain link fence, access road, and capacitor bank

(additional elements may be included in the Natural Substation construction). The Natural Substation will be 56 megavolt amperes (MVA), 66/12 kV with four (4) 12 kV circuit breakers.

- b. Conduct electric modifications to the existing 66 kV sub-transmission system in order to serve the new compressor station's electric load. The existing sub-transmission system includes two lines; both lines will be re-conducted from Newhall Substation to the new Natural Substation within the existing ROW. Modifications also include one-to-one tower-to-pole replacement.
  
- c. Conduct off-site substation modifications at three existing substations (Chatsworth, San Fernando, and MacNeil) within the 66 kV transmission corridor; new relay systems and ancillary equipment will be installed within the substation mechanical electrical and engineering room (MEER). The relay systems will provide advanced electrical service protection.



**Figure 4 - Aliso Plant Equipment Location Site Plan**

## SoCalGas Facilities

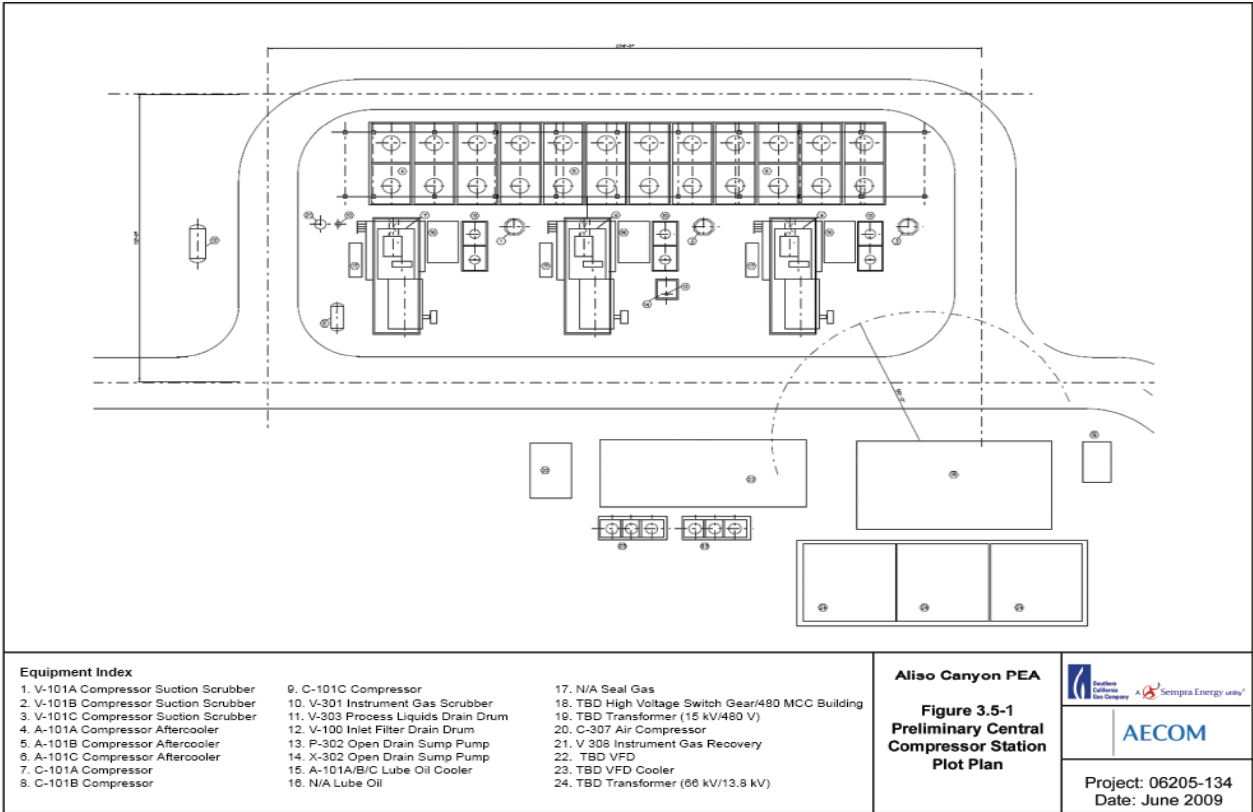
### New Electric Motor Driven Compressors

The three proposed electric-motor driven compressors will utilize conventional centrifugal compressors, each driven by one 22,000 HP electric motor. A plot plan can be seen in Figure 5 and a conceptual design for the compressor station in Figure 6.

Electric motor driven compression is gaining in popularity in the gas transmission and storage industry. In fact, a recently planned storage field in Northern California also proposes to use this technology. The main parameter in the decision process using natural gas turbines vs. electric drivers is a reliable source of electricity at a reasonable cost. In Southern California, time-of-day service charges for distribution supplied power can be high. Therefore, low yearly usage and off-peak use can make the electric option

attractive. At the Storage Field, an SCE 66 kV subtransmission line traverses the field. This affords SoCalGas subtransmission rates. Another advantage is its use patterns during periods of high electric demands in the region. During region high electric energy demands, the storage field wells are typically on withdrawal to supply natural gas to the power plants, so the compressors are not typically operating during these periods.

**Figure 5** – Preliminary electric driven motor compressor station plot plan.



**Figure 6** – Conceptual design of the new electric motor driven compressor station.

For the initial feasibility study, design conditions at the end-of-cycle require an injection rate of 450 MMcfd with a suction pressure of 550 pounds per square inch gauge (psig) and a maximum discharge pressure of 3400 psig. For centrifugal compressors, a nominal 22,000 HP is needed to achieve the drive train power to the compressors. Exact horsepower requirements will be finalized during the detail design and engineering (to occur once the EPC contract is awarded). Variables to be evaluated during detailed design that can affect the horsepower requirement include the use of a high-speed VFD, a low speed VFD with gear, a Voith Vorecon variable speed gear, and motor compressor efficiencies. A typical large horsepower electric motor is shown in Figure 7.

**Figure 7 – Typical Synchronous Motor**

### **Plant Power Line (PPL)**

A proposed PPL will be constructed and interconnected to the proposed SCE Natural Substation to provide service to the proposed central compressor station. The proposed PPL will be connected to four 12 kV circuit breakers installed for dedicated service to the gas plant from the proposed SCE Natural Substation. The alignment of the PPL will be determined upon completion of final electrical and engineering evaluations of the proposed SCE Natural Substation location and is represented on Figure 8. The alignment, below grade or above grade, will be constructed pursuant to San Diego Gas & Electric Company (SDG&E) design considerations which include and exceed applicable State of California General Orders (GO) 95 and 128.

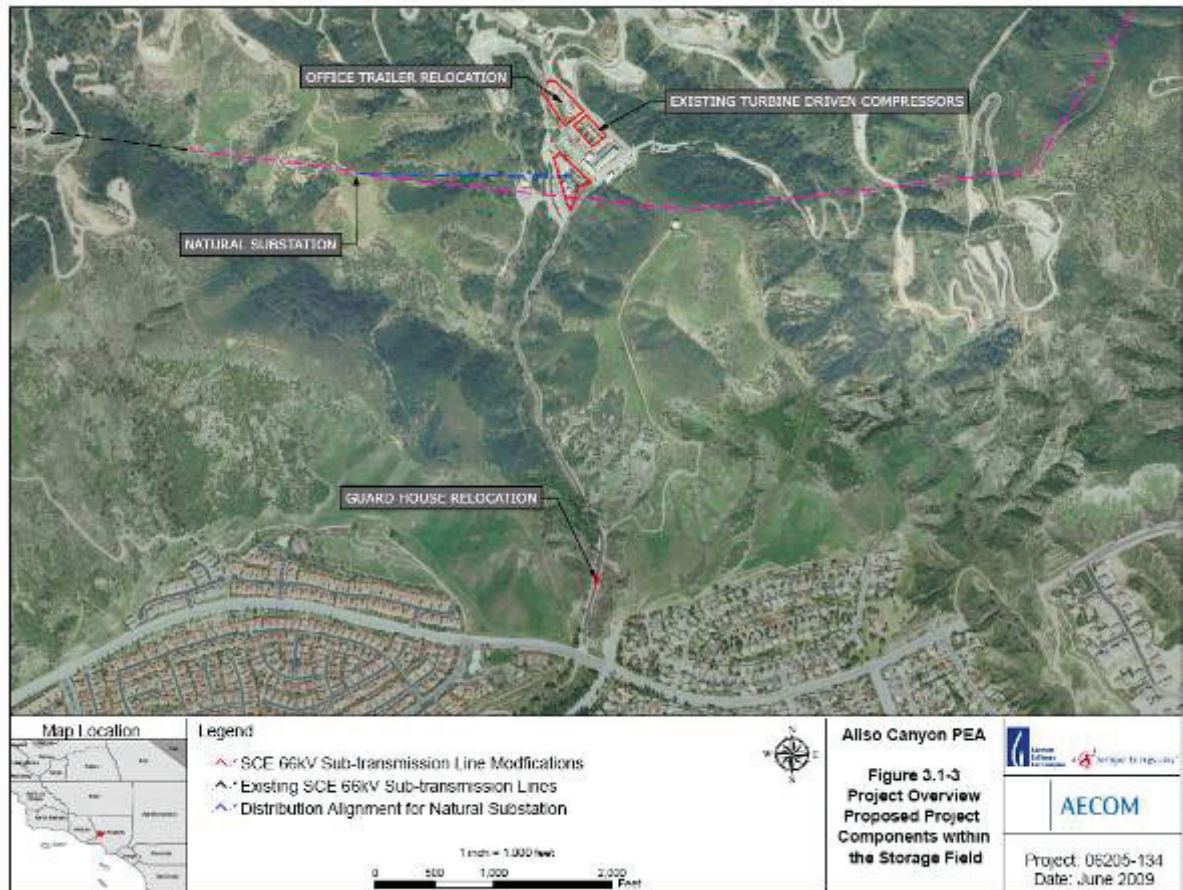
## **Office Relocation**

The proposed location of the new electric driven compressors and associated equipment is on a bluff just south of the existing TDCs (Figure 4). This site currently contains the office trailers utilized by the Storage Field staff. New office trailers will be placed to the north of the existing TDCs (Figure 4). The replacement of the trailers will be one of the first items of work. Once completed, the staff will occupy the new trailers as grading, drainage, etc. commences on the Project plant site.

The existing office trailers cover approximately 4,500 square feet (across multiple building structures) and cannot be re-used. These temporary facilities have been in service for over 25 years and require constant maintenance and repair for roof leaks, fixture replacements and a general run-down condition. The cost to move these existing trailers, to retrofit to current building standards and the down-time for the staff to temporarily relocate exceeds the cost of new trailers. A new location will be prepared and new office trailers will be placed at this location.

The site for the proposed new trailer facilities will be cleared, graded and paved during associated site preparation activities for the proposed central compressor station. Following proper soil compaction, the proposed new trailers will be delivered to the site and placed in the new location. The existing office trailers will be removed from service once the new trailers are in use. The old trailers are standardized, modular facilities and will be hauled to appropriate waste and recycle facilities. On-site demolition would only occur if the trailers are deemed unstable for removal. There is no asbestos in the existing office trailers and the walls are paneled, not painted.

**Figure 8** – Overall Project components within the Storage Field including plant, office location, plant power line route, guard house, sub-transmission route, and new Natural substation.



### Guard House Relocation

Similarly, the relocation of the guard house will occur early in the Project. See Figure 9. The Storage Field is a designated “critical infrastructure” facility by the Department of Homeland Security and the City of Los Angeles Archangel Program. Any traffic build-up at the existing entrance brings undue attention to the site. Relocating the guard house alleviates this condition and potential congestion at the facility entrance due to the construction activities (materials delivery, equipment delivery, construction workforce, etc.). A new guard house will need to be constructed approximately 200 to 500 feet north and will incorporate a second in-coming traffic lane where plant personnel and

workers can by-pass the large trucks and equipment that register with the guard prior to entering the facility.

The existing guard house will remain as a remote access monitoring station for security purposes and maintained as the location for the proper signage for the facility. The new guard house relocation will alleviate truck congestion at the Tampa/Sesnon intersection located adjacent to the facility entrance.

Figure 9 – Guard House Relocation





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## **SoCalGas CONSTRUCTION ACTIVITIES**

### **Central Compressor Station**

Construction activities will include clearing and grading; construction of building and equipment foundations; ground surface preparation at access points within the equipment area; erection of structures to house the compressors and associated control equipment; installation of equipment and piping; and cleanup and restoration of the site.

Construction activities associated with the proposed Central Compressor Station will typically occur Monday through Friday, and some Saturdays, depending on weather and material delivery. A preliminary construction schedule is shown on Figure 10.

Construction of the proposed Central Compressor Station and installation of the new compressors and auxiliary equipment is estimated to last 22 months; the total duration including engineering design and procurement is estimated to last 30 months.

The existing TDCs will remain in service for at least one field cycle after installation of the proposed central compressor station for several reasons. During commissioning and debugging unexpected situation may arise that affects injection delivery and the status of the Storage Field's inventory. The TDCs would be used to address injection demand during such a situation. In addition, if commissioning of the new electric motor-driven compressors occurs when the field is at low inventory, the compressors will be operating in parallel mode. Only when inventory rises to the level that requires series operation can the total system, including instrumentation and control, be verified at all operating pressures. The TDCs will be decommissioned and removed from service following tested, reliable service using the new electric-driven compressors. Current utility accounting asset retirement procedures will be followed.

**Figure 10 – Project Schedule**

Aliso Canyon Project Schedule		2009				2010				2011				2012			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>PEA</b>	4 Mos																
Project Award		■															
Environmental Resource Analysis		■	■														
Review Draft and Final			■														
<b>CPCN Submittal and Approval</b>	6 Mos			■	■												
<b>SoCalGas EPC RFP</b>	6 Mos																
RFP Compilation						■											
Job Walks/Bid Evaluations						■	■										
<b>SoCalGas EPC</b>	30 Mos																
Award EPC Contract																	
Engineering								■	■								
Procurement								■	■	■	■	■	■	■	■	■	■
Construction								■	■	■	■	■	■	■	■	■	■
Commissioning & Start-Up																	■
<b>SCEdison EPC 66kV Line &amp; Sub</b>	24 Mos																

**Site Preparation and Grading**

Site preparation and grading activities for the proposed central compressor station site, the proposed SCE Natural Substation site, the proposed office trailer site and proposed guard house site will be conducted by SoCalGas.

A geotechnical analysis was conducted to determine the impacts to the proposed central compressor station site drainage, ditches and culverts. The geotechnical analysis estimated that 100,000 cubic yards of unstable fill material must be removed from the proposed site. This soil will be hauled to the existing on-site soils processing site for re-engineering. The on-site soils processing site that will be utilized during construction is an existing site utilized for backfill and processing activities during plant

operations. Approximately 50,000 cubic yards of re-engineered soil will be used as fill to achieve grade for the proposed plant. An existing paved haul route will be utilized to transport excavated materials to the soils processing site. The haul route is approximately 1.5 miles roundtrip.

Excess excavated soil will be used on site or will be disposed of in an approved manner. The proposed central compressor station building construction will begin after the VFD motors are installed on concrete foundations. After completion of and start-up and testing of the equipment, the proposed central compressor station site will be final graded, and disturbed areas will be graveled or paved. Cleanup and restoration of various parts of the site will be graded and paved. Most piping associated with the compressor station will be spool fabricated off-site as part of the procurement contracts. The suction and discharge lines from the existing tie-in point to the proposed plant site are approximately 550 feet in length. These lines will be hydrotested. Approximately 15,000 gallons of water will be required. The source of the hydrotest water will be from on-site supply and will be potable water quality. After hydrotesting, the discharge water will be placed in Baker tanks and tested. If results are adequate, the water can be used for on-site uses such as road wetting/dust suppression. If not, disposal will be either into existing plant water treating facilities or off-site disposal depending on the analysis.

### **Access Roads and Staging Areas**

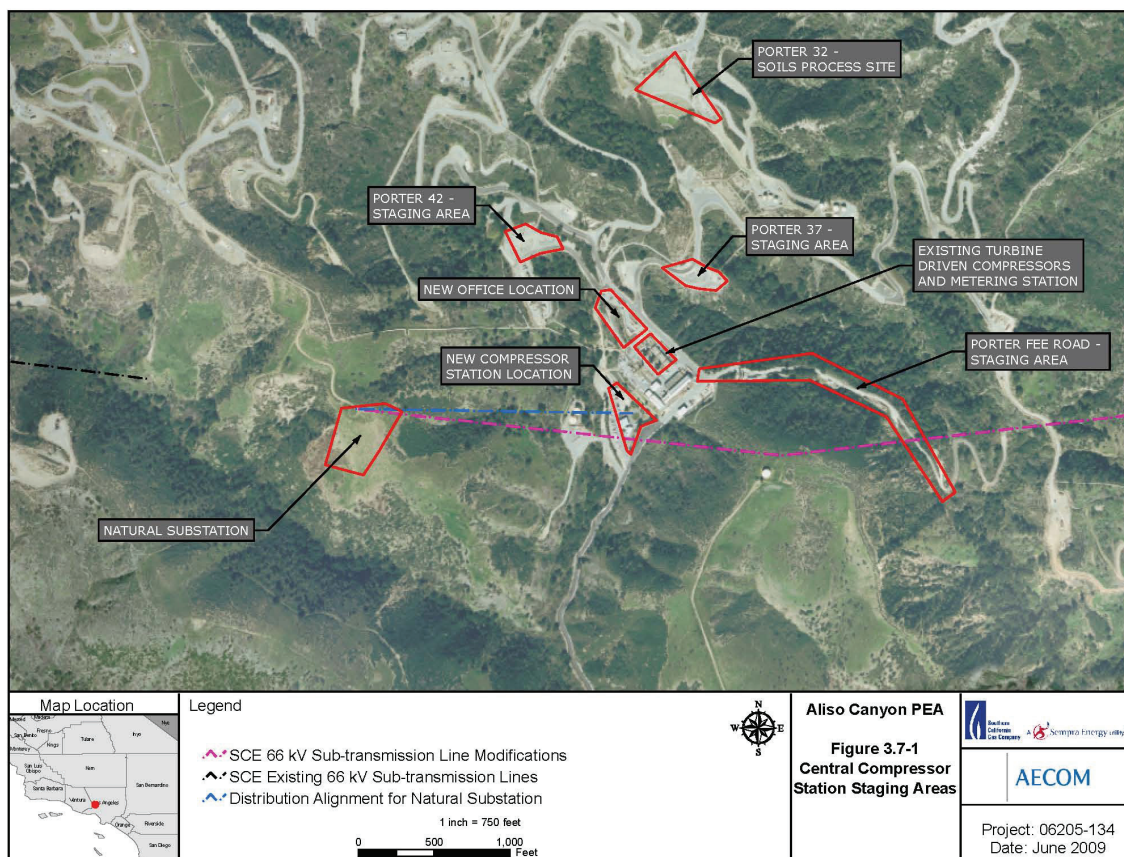
The proposed central compressor station site is within the existing plant station site. Existing well-maintained, paved roads will be used to access the site during construction and operation; additional access roads will not be required. Existing disturbed areas and wellhead sites will be utilized as staging areas to store equipment and materials during construction. See Figure 11. The primary uses at the staging areas will be material and equipment storage, pipe spool fabrication, and worker reporting that will be used during construction of the proposed central compressor station, proposed office trailer and guard house relocation, proposed PPL, and proposed SCE Natural Substation. The proposed staging areas will not require additional security fencing due to the additional security provided by the guarded facility entrance.

One of the proposed sites for staging/laydown is in close proximity to two existing wellhead sites. If this area is needed, the wells will be temporarily removed from service and plugged downhole during construction activities. The well laterals will be removed and steel cages will be placed over the wellheads for protection. These sites

will not require brush clearance or grading due to the existing site activity. The laterals, fencing, and downhole plugs will be reinstalled/removed and the wells will be put back in service after construction is complete. The third staging area may require minor grading and clearance due to the lack of activity at the site. Small portable generators (less than 50 HP) will be used as needed to provide power services to equipment in this staging area.

SoCalGas will conduct site clearing, grading, and paving activities at the proposed SCE Natural Substation location. In addition, 1500 feet of the existing unpaved access road will need to be re-habilitated including grading, widening, and paving.

**Figure 11 – Access Roads and Staging Areas**



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## **Trailer Facilities and Guard House**

The site for the proposed office trailers is represented on Figure 11. Prior to construction, site preparation including over excavation will be required to meet proper compaction requirements and will include an approximately 10-foot perimeter from the existing pad. The existing trailer facilities will be removed from service upon completion of site grading and installation of the proposed office trailers. The existing office trailers are standardized, modular facilities and will be removed and hauled off-site to a disposal and recycling facility.

The proposed guard house relocation site will require a portion of the existing road be widened, by approximately twelve feet, to provide two lanes for traffic flow. Construction will involve excavation, compaction, a retaining wall and utilities. The existing guard house will remain because of signage, security monitoring and security requirements. Associated construction activities will proceed early to allow ease of entry during construction and remedy future equipment staging and vehicle congestion at the facility entrance.

## **Aliso Canyon 12 kV Plant Power Line (PPL)**

The proposed PPL will be installed from the proposed SCE Natural Substation to the proposed central compressor station. The dedicated PPL may be constructed either underground or aboveground, depending upon the final engineering evaluation of the site and the final determination of the proposed SCE Natural substation location. If the aboveground alignment is chosen, the PPL will need three TSPs. Construction methods for both underground and aboveground distribution activities will meet SDG&E standards and comply with GO 95 and 128.

### **PPL above-grade alignment**

If an above-grade alignment is chosen based on final engineering evaluation, overhead lines would be conductored on approximately three tubular steel poles (TSPs). The TSPs would be mounted on engineered concrete foundations and, even though the operating voltage is 12 kV, 69 kV insulators would be installed to provide additional protection from the effects of pollution, fog and soot from wildfires. A visual simulation is shown in Figure 12.

**Figure 12** - Visual simulation of above-grade 12 kV Plant Power Line.



### **PPL below-grade alignment**

If a below-grade alignment is chosen based on final engineering evaluation, special trenching and backfill methods would be required due to the rocky and heavily sloped terrain. Underground construction would require multiple parallel lengths of cable. Cables would be installed in conduits terminating in manholes. Trench size, configuration, encasement and backfill would require a geotechnical survey and civil engineering due to the extreme slope and the prevalence of rock. Erosion control for the completed trench would be ongoing as it would tend to channel surface and subsurface water during periods of heavy rain. Access to manholes for construction and maintenance would require significant ground disturbance. Also, retaining walls would be required to prevent eroding soil from covering manhole covers and working space.

## **SoCalGas PLANT OPERATION and MAINTENANCE**

The actual operation of compressing natural gas to be injected into the storage field will remain very similar to the existing operation. The new compressors will be modern, efficient centrifugal compressors. They will be 2-stage bundles with intercooling and after-cooling. When the pressure ratio is low (the storage field is at low inventory) at 550 psig suction and 1250 psig discharge, any of the three compressors can achieve the ratio on their own and discharge to the storage field without additional pressure boost. This operational mode is called “parallel operation.” When the pressure ratio increases from 550 psig suction and 3400 psig discharge, individual compressors cannot produce that ratio. To increase the pressure ratio, “series operation” is required. In this mode, two compressors boost the suction pressure of 550 psig to an intermediate pressure, which is now the inlet pressure to the third compressor, and the third compressor boosts to the required pressure needed to input into the storage field as the inventory rises.

As noted above, power to drive the compressors will be electric motors rather than gas turbines. Electric motor drivers were chosen for a number of circumstances previously addressed, one being speed control. Speed control is required to maximize compressor efficiency as the discharge pressure requirements change.

VFD is presented as the variable speed method to run the compressors. As the name implies, varying the electric frequency varies the speed of the motor.

Normal maintenance of the new equipment will be performed via a Customer Service Agreement (CSA). Specialized engineers, technicians and equipment are needed to inspect, service and maintain this equipment. New centrifugal compressors in clean natural gas service operate for years without major cleaning as do electric motors. Other than the cost of electricity, operating costs for the electric motor-driven compressors will be less than the existing TDCs.

The net operating cost reduction stems from four major items: reduction in Capitalized Maintenance, reduction in Third Party O&M Expenses, reduction in SoCalGas Labor Expenses, reduction in Emission Fees paid to SCAQMD, partially offset by the addition of SCE’s Added Facilities Charges.

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Because of the advanced age of the existing turbines and the high periodic costs to rebuild these units, typical maintenance using only O&M expenses has not been deemed appropriate. As a result, it has been the practice of SoCalGas to capitalize the bulk of these expenses reflecting the work needed to continue using this vintage equipment. With the replacement of these turbines with the new electric motor-driven system, it is anticipated that future maintenance of the motor-driven system will be handled through normal O&M expenses. This will result in a reduction of future capitalized maintenance of roughly \$500,000 per year.

The more typically expensed operating costs at Aliso Canyon will also decline with the replacement of the turbines with motors. The historic Third Party O&M expenses incurred to maintain the existing turbines will decline from approximately \$575,000 per year to an estimated \$200,000 per year. With the elimination of the turbines, SoCalGas will be able to reduce labor expenses by roughly \$220,000 per year. This reduction stems from the elimination of two persons currently required to maintain and keep the existing turbines in compliance with air quality regulations. Another area of cost savings is the elimination of roughly \$115,000 in annual air emission fees paid to the SCAQMD to allow operation of the existing turbines. Offsetting these various O&M cost reductions is the addition of SCE's Added Facilities Charge of \$266,000<sup>1</sup> per year that is required by SCE to maintain the new electric substation to support the new motors. In total, the net reduction in anticipated O&M expenses resulting from replacing the turbines with motor-drive equipment is slightly over \$440,000 per year.

<sup>1</sup> Estimate from SCE based on its Method of Service (MOS) Study.

## **EMISSIONS**

Pollutant emissions from the electric motor-driven compressors will be greatly reduced from the existing TDCs. New turbines would have reduced some of these emissions via new source review (NSR) which would require Best Available Control Technology (BACT). The electric motor-driven compressors are virtually zero emissions. Emissions from the generation of electricity to supply the power to the motors need to be in compliance with those facilities permit allowance. Due to increased efficiency of the motor-driven compressors, the GHG reduction from the TDCs to electric-driven compressors, making the allowance for GHG to generate electricity required, is approximately 71,000 metric tons/year. Aliso Canyon is a SCAQMD RECLAIM (Regional Clean Air Incentive Market) facility for oxides of nitrogen (NOx) and a Title V facility. Other emissions are also regulated by permits. Reduction of NOx emissions



can generate RTCs (Reclaim Trading Credits) whereas other permit generated reductions can generate ERCs (Emission Reduction Credit). There may be ERCs generated for ROG, CO and PM, but any credits will be small since existing levels must be discounted to BACT. An exception may be PMs, especially PM<sub>2.5</sub> since no BACT levels currently exist. Installation of electric-driven compression does not trigger a modification of the Title V permit.

The replacement of the turbines with motors will reduce our demand for RTC to offset NOx emission at Aliso Canyon by approximately 200 tons per year based on historic average year usage of the turbines. While this reduction in RTC demand can be determined, the value of that reduction is not simple to forecast. The price of selling/buying RTCs changes year-to-year and depends on the market availability of RTCs and any reduction (shaves) required by SCAQMD. The average price to buy/sell RTCs over the past five years has fluctuated greatly as shown in Table 2. The value of RTCs in future years will be set equal to the average cost of SoCalGas' actual purchases or sales during the respective year.

**Table 2 - Average Prices for Discrete Year's RTCs**

**RTCs exist for either Cycle 1 or Cycle 2 Usage**

**Cycle 1 RTCs can be used to offset NOx Emission during Jan - Dec Period**

**Cycle 2 RTCs can be used to offset NOx Emission during Jul - Jun Period**

<b>Year</b>	<b>Cycle 1 RTCs expiring Dec \$/Ton</b>	<b>Cycle 2 RTCs expiring Jun \$/Ton</b>	<b>Ave. C1 / C1 RTC Price \$/Ton</b>
2004	\$1,359	\$2,633	\$1,996
2005	\$1,195	\$3,630	\$2,413
2006	\$2,353	\$4,282	\$3,318
2007	\$5,491	\$3,453	\$4,472
2008	\$2,800	\$1,047	\$1,924

## **COST and SCHEDULE**

The schedule begins with the issuance of a decision by the Commission approving this CPCN application. Upon this decision, it is anticipated that plant commissioning can occur within 36 months. The pre-engineering study proposed a 30-month EPC schedule upon EPC award. This allows 6 months for an RFP, award and successful contract issuance. The SCE electric schedule is similar for the 66 kV re-poling and re-conductoring and the dedicated substation. Power will be needed to start motors prior to completion of construction and commissioning.

Overall Project cost estimates include not only the EPC estimates from the Pre-engineering Study, but also from the permit applications, design and construction of the PPL, office trailers and guard house, forecasted AFUDC costs, and other miscellaneous costs.

The majority of costs are in the EPC. These costs were developed during the consultant's Pre-engineering Study of the gas versus electric options and existing capacity versus the 145 MMcf/d injection capacity expansion. These estimates were based on a preliminary design and non-binding quotes or factored estimates for equipment and engineering construction experience to forecast labor and construction estimates. Following CPCN approval, an EPC contractor will be selected by bid process. Detailed engineering will commence when final equipment will be chosen and vendor quotes received. This will then be the actual procurement cost.

The overall Project cost when placed into service is estimated to be \$200.9 million. The itemized breakdown follows:

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Preliminary Engineering/Permitting <sup>2</sup>	\$ 3.3 million
Engineering, Procurement, and Construction (EPC)	
Engineering	\$ 13.1 million
Procurement <sup>3</sup>	\$ 58.9 million
Construction	
Labor	\$ 36.7 million
Materials <sup>4</sup>	\$ 18.9 million
Related Fees <sup>5</sup>	\$ 36.3 million
SCEdison One-Time Cost <sup>6</sup>	\$ 7.0 million
Plant Power Line Design and Installation	\$ 3.2 million

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	ACTR Project Design and Description
SoCalGas Overhead	\$ .9 million
Replace Office Trailers	\$ .5 million
Other <sup>7</sup>	\$ .4 million
AFUDC	\$ 21.7 million
<b>Grand Total<sup>8</sup></b>	<b>\$ 200.9 million</b>

<sup>2</sup> *Prelim Eng/Permit* category includes Preliminary Engineering costs, Guard House relocation, CPCN, CEQA, PEA, and RFP.

<sup>3</sup> Major components of *Procurement* cost include Motors, Compressors, Variable Frequency Drives, Piping, and Coolers.

<sup>4</sup> *Materials* include Concrete, Insulation, Electrical Components, Instrumentation, etc.

<sup>5</sup> *Related Fees* include Taxes, Bonds, Freight, Contractor Fees, etc.

<sup>6</sup> Estimate from SCE Based on its Method of Service (MOS) Study.

<sup>7</sup> *Other* category includes oak tree offsets, road paving, and replacement of engineering fill.

<sup>8</sup> The total is greater than the amount estimated and discussed above at page 9 due to inflation, permit costs, overheads, trailer and guard house relocations, PPL and AFUDC are included here to estimate total Project cost.

## **DESIGN, CONSTRUCTION MANAGEMENT and COST CONTROL**

Once CPCN approval is granted, a request for proposal (RFP) will be prepared and sent to a list of qualified Engineering, Procurement, and Construction (EPC) firms or consortiums. The RFP will contain a scope of work, including engineering, optimizations and design, equipment selection, procurement and construction and bid criteria (including pricing). All bids will be evaluated by a qualified SoCalGas team pursuant to weighted criteria. An EPC contractor will be chosen based on this evaluation. Contract negotiations will commence and finalize with a signed contract. A portion of the contract will address the cost/payment schedule. Based on the type of contract (i.e., fixed price, T&M, cost-not-to-exceed, etc.) the payment schedule could be based on work completed, earned value, achieved milestones, or monthly invoices.

To ensure compliance with the final contract language, SoCalGas will have an internal team of contract specialists, field engineering personnel and administrative support to track all activities. On a project of this magnitude, SoCalGas will retain an independent third-party Construction Management (CM) firm to further ensure contract compliance, including a cost control plan. Since the contract will be for EPC, the EPC contractor will have total responsibility to coordinate all activities. With a single point of contract for EPC responsibilities and CM oversight, overruns and change orders should be minimal. The CM would alert SoCalGas if the cost or schedule is not on track to make timely corrections and resume on-time, on-budget. The CM will report to the Project director to ensure access to upper management and not be hampered by chain-of-command delays.

## **SCE FACILITIES**

To power the new motors, an existing 66 kV sub-transmission line will be modified. The line currently traverses the proposed site. A new dedicated 66/12Kv substation will be built near the plant site to provide service to the new motors.

### **Electric Distribution and Transmission System**

The Proponent's existing electric service to the Storage Field includes a contiguous distribution line called the SCE Gavin 16 kV circuit. Both the SCE Gavin circuit and two SCE 66 kV sub-transmission lines originate at SCE's Newhall Substation (Figure 1). SCE has indicated that the SCE Gavin circuit, which currently provides electrical service to the field gathering plants, would not be able to meet the future energy requirements (50 megawatts) of the proposed central compressor station with the addition of three new VFD motors; and, that the SCE 66 kV sub-transmission lines could provide an adequate electrical alternative for the gas plant's energy needs. The Project would not affect the existing SCE 16 kV distribution circuit. The existing SCE 66 kV sub-transmission facilities proposed for modification are represented on Figure 1.

### **Proposed On-site SCE "Natural Substation" and 66 kV Facilities**

Electric service provided via the proposed SCE Natural Substation will be 56 MVA, 66/12 kV customer dedicated substation. The proposed SCE Natural Substation will be unstaffed and automated; the equipment will be 66 kV low-profile which limits equipment heights to 17 feet. The proposed SCE Natural Substation equipment

includes a 66 kV switchrack, 12 kV switchrack, transformers, capacitor banks, a MEER (Mechanical Electrical Equipment Room), and metering facilities.

## **SCE CONSTRUCTION ACTIVITIES**

### Natural Substation and 66 kV Sub-transmission Facilities

Construction of the proposed SCE Natural Substation and proposed SCE 66 kV sub-transmission line modifications will include land surveys, substation site construction, replacement of existing poles, installation of new sub-transmission structures, telecommunication system installation, as well as construction support activities such as establishing a marshalling yard and rehabilitating existing access roads to TSP sites.

SCE is in the preliminary design phase for the Project and plans to design the final height and locations of the TSPs after SoCalGas receives final approval from the Commission. Following Project approval, SCE will establish marshalling yard locations and develop engineering drawings for the substation site grading permit application that will include perimeter fencing.

## **SCE ELECTRICAL SERVICE**

### Existing SCE Facilities

The existing electric service to the Storage Field's field gathering equipment is called the SCE Gavin 16 kV circuit. SCE has indicated that the SCE Gavin circuit would not be able to meet the future electric requirements of the proposed plant. The SCE 66 kV sub-transmission lines could provide an adequate electrical alternative for the gas plant's electric needs.

SCE installed a 66 kV subtransmission circuit in the early 1900's that initiated at the Newhall Substation (intersection of Lyons Avenue and Wiley Canyon Road). The 66 kV line proceeds south along Wiley Canyon Road and the I-5 Freeway. At the junction of I-5 and I-14 it crosses the I-5 Freeway and proceeds west along the L.A. County/City line and traverses the Storage Facility and continues on to Chatsworth in the west San Fernando Valley.

## **Proposed SCE Modifications**

The Project plans to modify the existing two SCE 66 kV sub-transmission lines, the SCE Chatsworth-MacNeil-Newhall-San Fernando line and the SCE MacNeil-Newhall-San Fernando line. The proposed SCE 66 kV sub-transmission line modifications, including re-conductoring, pole removal, H-frame removal, and TSP installation, will be conducted on portions of the existing two lines, as represented on the modified alignment on Figure 1. The proposed SCE Natural Substation will provide dedicated service to the proposed compressor plant.

The TSPs will primarily be set within existing ROWs and in the existing alignment. The approximate span length between the poles will be based on the current tower configuration. Based on known height above ground, the proposed poles and towers are not anticipated to require any angle guys. In locations where conductor or structure height is more than 200 feet, marker balls or lights may be installed on the TSPs and/or conductors.

### **On-site SCE Natural Substation**

Electric service provided via the proposed SCE Natural Substation will be 56 MVA, 66/12 kV customer dedicated substation.

The location of the proposed SCE Natural Substation is in close proximity to the site proposed for the proposed central compressor station. SoCalGas will grant SCE an expanded easement in order to build and operate the proposed SCE Natural Substation equipment. The existing easement will be widened from 100 feet to approximately 150 feet for approximately 300 feet in length. There will be a temporary chain-link fence constructed 10 feet from the proposed SCE Natural Substation perimeter to provide appropriate protection and security.

## **APPENDIX B**

### **PROPONENT'S ENVIRONMENTAL ASSESSMENT**

Due to size of document, the PEA is being sent by hard copy to the Commission. It is also available at the following weblink: <http://www.socalgas.com/regulatory/cpuc.shtml>



**APPENDIX C**

**PUBLIC OUTREACH  
(FACT SHEET)**



# Aliso Canyon Storage Facility Project

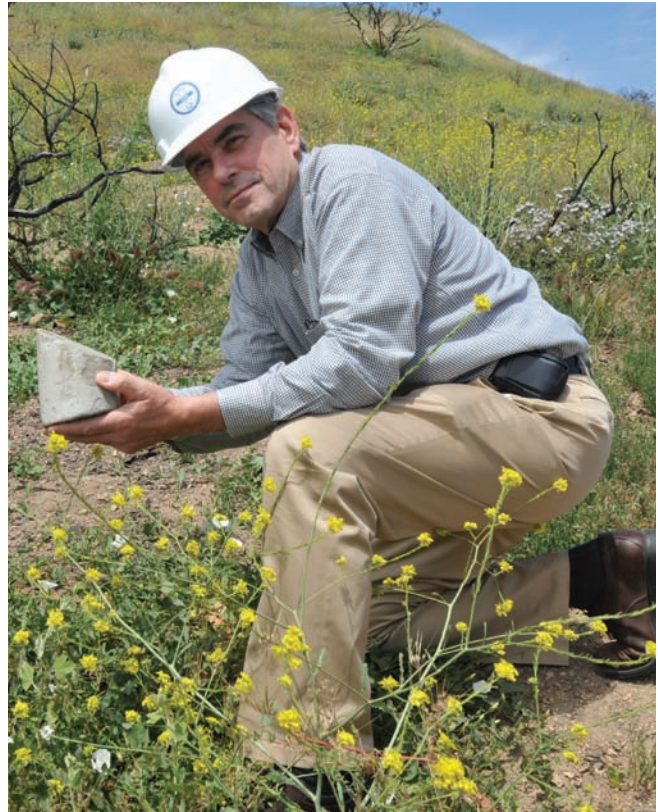
Southern California Gas Company (SoCalGas®) proposes to replace existing storage facility compressors with state-of-the-art technology to help meet the region's demand for natural gas. This project also will result in a significant reduction of emissions of air pollutants and greenhouse gases at the site.

## Meeting the Region's Natural Gas Needs

SoCalGas® delivers safe, reliable natural gas to more than 20 million customers throughout Central and Southern California. Most of the natural gas comes from the Rockies, the Southwest United States and California. To help keep costs low and meet higher demands in the winter, we buy gas from a variety of producers throughout the year, and we store it thousands of feet below the earth's surface in depleted oil fields, below impermeable layers of rock and geologic formations.

SoCalGas operates and maintains the Aliso Canyon natural gas storage facility, the largest of four such facilities. This natural underground reservoir allows us to safely inject and store natural gas when prices are lower, and withdraw the gas for our customers when prices and demand are high. This helps to protect customers against price spikes and helps to maintain reliable natural gas supplies.

Currently, three natural gas turbine-driven compressors are used to inject the gas deep into the ground. This equipment, installed in the 1970s, will not provide sufficient power to meet demand at the Aliso Canyon storage facility. To inject and withdraw the natural gas as needed, we are planning to install new, efficient electric motor-driven compressors.



To store it for later use, natural gas is injected into porous rock like the sample being held by Rudy Weibel, Director of Storage at SoCalGas.

In order to operate the new electric motor-driven compressors, new and modified electrical facilities will need to be installed by Southern California Edison (SCE).

The Aliso Canyon storage facility, located north of Porter Ranch and Northridge, sits on approximately 3600 acres of land, relatively unchanged from its natural state. The project area is about a half mile beyond the Sesnon Boulevard entrance and will be located in the valley of the property. The project will reduce greenhouse gas and other air emissions from the storage field site.

*(Continued)*

## Project Description

1. Construct a new building and install new equipment including three 22,000-horsepower (HP) motors, compressors, piping, coolers, and other additional equipment required for the storage operations.
2. Relocate existing office facilities and relocate the facility's guard house to help improve traffic flow on Sesnon Boulevard.
3. Working with SCE, SoCalGas will construct a new 12-kV power line that will provide dedicated electric service to the upgraded Aliso Canyon storage facility.
4. SCE will construct a customer-dedicated substation at the Aliso Canyon storage facility and will modify an existing 66-kilovolt (kV) subtransmission line from SCE's Newhall Substation in Santa Clarita to the new substation at Aliso Canyon to supply power to the facility.
5. SCE will make modifications to three existing SCE substations (Newhall, Chatsworth, and San Fernando Substations) to accommodate the 66-kV service to the Aliso Canyon storage facility.

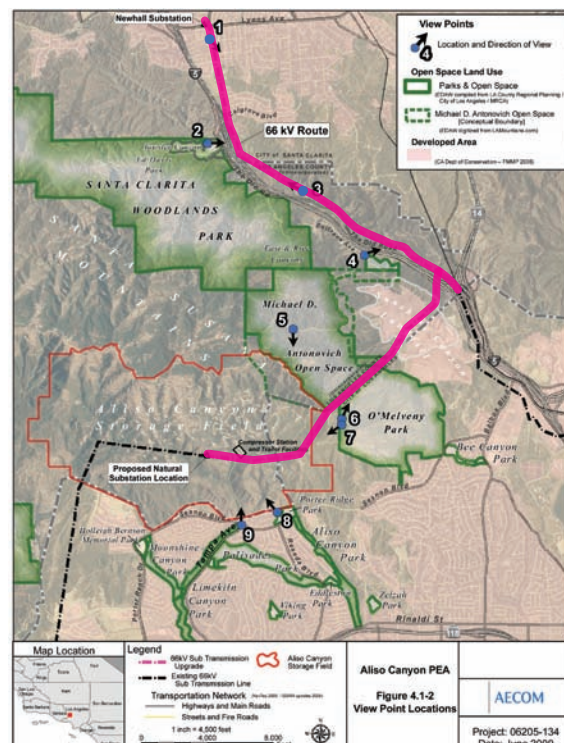
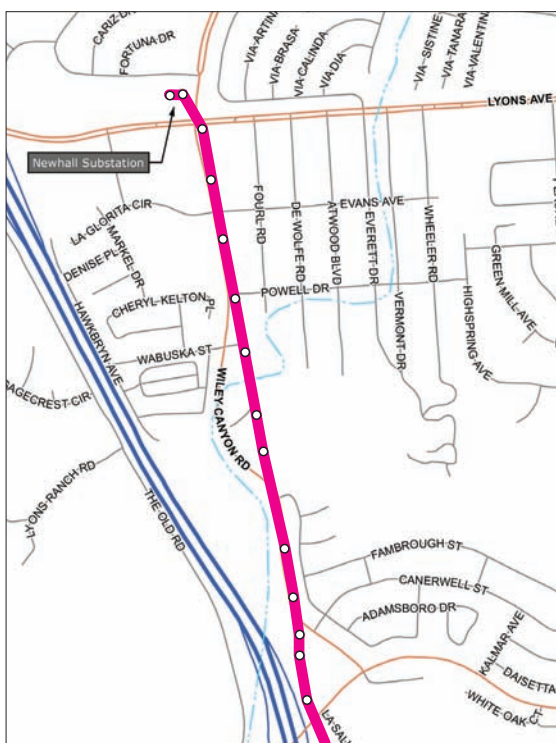
## Project Approval

The project will be subject to approval by the California Public Utilities Commission (CPUC). The CPUC is the state regulatory agency that issues permits for construction of certain natural gas and electrical facilities. Before construction can begin:

- SoCalGas will submit an application to the CPUC requesting approval to construct the project. SoCalGas' application will include a Proponent's Environmental Assessment (PEA), which will evaluate the environmental impacts of the project.
- The CPUC will review the application in accordance with the California Environmental Quality Act and either approve the project as filed, approve the project with modification, or deny the project.
- For more information on the CPUC's regulatory process, please visit the CPUC's website at [www.cpuc.ca.gov](http://www.cpuc.ca.gov).

## Project Map

The first map shows the location of where the new electric line will start in Santa Clarita. The second map shows an overview of the electric line modification, from Santa Clarita to the Aliso Canyon storage facility in Northridge.

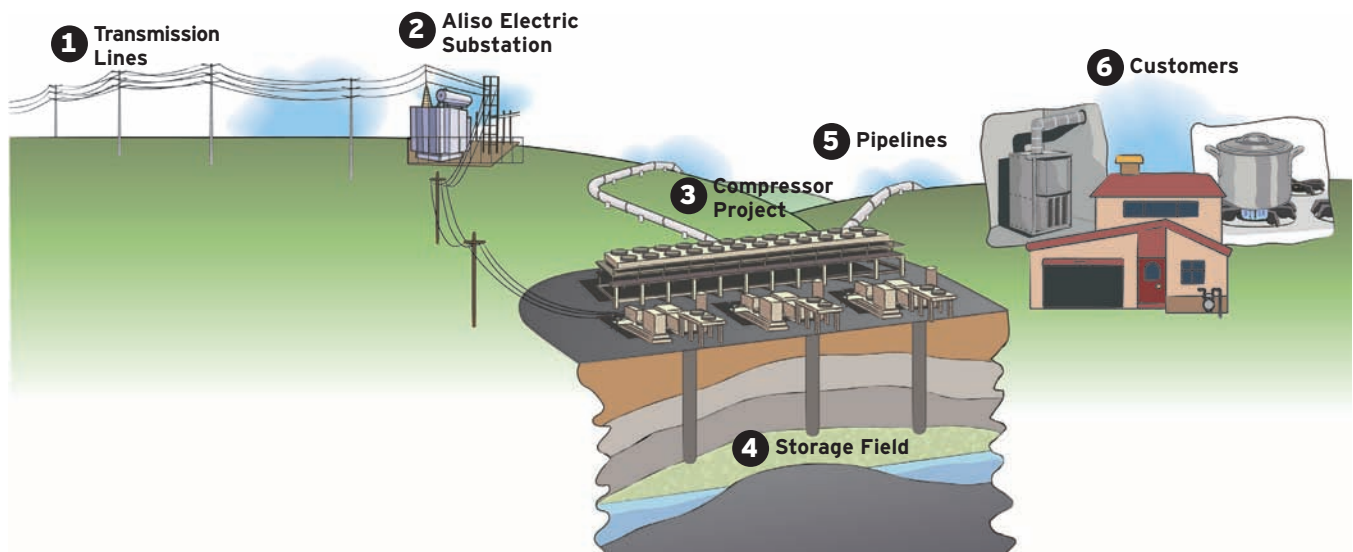


## Anticipated Project Schedule

September 10	3rd/4th Quarter 2009	2010	1st/2nd Quarter 2013
Public Open House	File project application with the CPUC	CPUC decision is expected and, if approved, the engineering and construction phases of the project will begin	Project is expected to be operational

## Bigger Picture

The information below illustrates the flow of electricity (figures 1 and 2) to our underground natural gas storage facility (figures 3 and 4) where the gas is stored deep underground. When needed, natural gas is withdrawn from the storage field and delivered through our pipelines (figure 5) to homes and businesses (figure 6).



## About SoCalGas

Southern California Gas Company has been delivering clean, safe and reliable natural gas to its customers for more than 140 years. It is the nation's largest natural gas distribution utility, providing safe and reliable energy to 20.5 million consumers through 5.7 million meters in more than 500 communities. The company's service territory encompasses approximately 20,000 square miles in diverse terrain throughout Central and Southern California, from Visalia to the Mexican border. SoCalGas is a regulated subsidiary of Sempra Energy (NYSE: SRE). Sempra Energy,® based in San Diego, is a Fortune 500 energy services holding company.

## For More Information

If you have questions or comments about the project, or would like to be added to the project mailing list, please contact:

Joe Mosca  
 Southern California Gas Company  
 Public Affairs Manager  
**1-877-830-2669**

[www.socalgas.com/aliso](http://www.socalgas.com/aliso)



## **APPENDIX D**

### **BALANCE SHEET, INCOME STATEMENT AND FINANCIAL STATEMENT**

**SOUTHERN CALIFORNIA GAS COMPANY  
BALANCE SHEET  
ASSETS AND OTHER DEBITS  
JUNE 30, 2009**

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<b>1. UTILITY PLANT</b>		<u>2009</u>
101	UTILITY PLANT IN SERVICE	\$8,577,723,396
102	UTILITY PLANT PURCHASED OR SOLD	-
105	PLANT HELD FOR FUTURE USE	-
106	COMPLETED CONSTRUCTION NOT CLASSIFIED	-
107	CONSTRUCTION WORK IN PROGRESS	210,380,776
108	ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(3,579,390,332)
111	ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(16,608,551)
117	GAS STORED-UNDERGROUND	<u>55,520,014</u>
	TOTAL NET UTILITY PLANT	<u>5,247,625,303</u>
 <b>2. OTHER PROPERTY AND INVESTMENTS</b>		
121	NONUTILITY PROPERTY	125,139,609
122	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NONUTILITY PROPERTY	(98,236,085)
123	INVESTMENTS IN SUBSIDIARY COMPANIES	-
124	OTHER INVESTMENTS	18,122
125	SINKING FUNDS	-
128	OTHER SPECIAL FUNDS	<u>1,000,000</u>
	TOTAL OTHER PROPERTY AND INVESTMENTS	<u>27,921,646</u>

Data from SPL as of July 30, 2009

**SOUTHERN CALIFORNIA GAS COMPANY**  
**BALANCE SHEET**  
**ASSETS AND OTHER DEBITS**  
**JUNE 30, 2009**

<b>3. CURRENT AND ACCRUED ASSETS</b>		<b>2009</b>
131	CASH	13,923,494
132	INTEREST SPECIAL DEPOSITS	-
134	OTHER SPECIAL DEPOSITS	-
135	WORKING FUNDS	93,075
136	TEMPORARY CASH INVESTMENTS	523,594,033
141	NOTES RECEIVABLE	81,858
142	CUSTOMER ACCOUNTS RECEIVABLE	307,401,832
143	OTHER ACCOUNTS RECEIVABLE	3,100,123
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS	(6,693,930)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	-
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES	838,689
151	FUEL STOCK	-
152	FUEL STOCK EXPENSE UNDISTRIBUTED	-
154	PLANT MATERIALS AND OPERATING SUPPLIES	27,328,592
155	MERCHANDISE	186
156	OTHER MATERIALS AND SUPPLIES	-
163	STORES EXPENSE UNDISTRIBUTED	(580,347)
164	GAS STORED	31,977,439
165	PREPAYMENTS	17,939,750
171	INTEREST AND DIVIDENDS RECEIVABLE	260,160
173	ACCRUED UTILITY REVENUES	-
174	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	25,811,023
175	DERIVATIVE INSTRUMENT ASSETS	10,787,811
176	LONG TERM PORTION OF DERIVATIVE ASSETS - HEDGES	8,696,732
TOTAL CURRENT AND ACCRUED ASSETS		964,560,520
 <b>4. DEFERRED DEBITS</b>		
181	UNAMORTIZED DEBT EXPENSE	5,842,778
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS	1,081,162,628
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES	13,749
184	CLEARING ACCOUNTS	603,515
185	TEMPORARY FACILITIES	-
186	MISCELLANEOUS DEFERRED DEBITS	54,965,790
188	RESEARCH AND DEVELOPMENT	-
189	UNAMORTIZED LOSS ON REACQUIRED DEBT	28,468,050
190	ACCUMULATED DEFERRED INCOME TAXES	348,347,307
191	UNRECOVERED PURCHASED GAS COSTS	-
TOTAL DEFERRED DEBITS		1,519,403,817
 TOTAL ASSETS AND OTHER DEBITS		 <b>\$ 7,759,511,286</b>

Data from SPL as of July 30, 2009



**SOUTHERN CALIFORNIA GAS COMPANY  
BALANCE SHEET  
LIABILITIES AND OTHER CREDITS  
JUNE 30, 2009**

<b>5. PROPRIETARY CAPITAL</b>		2009
201	COMMON STOCK ISSUED	834,888,907
204	PREFERRED STOCK ISSUED	21,551,075
207	PREMIUM ON CAPITAL STOCK	-
208	OTHER PAID-IN CAPITAL	-
210	GAIN ON RETIRED CAPITAL STOCK	9,722
211	MISCELLANEOUS PAID-IN CAPITAL	31,306,680
214	CAPITAL STOCK EXPENSE	(143,261)
216	UNAPPROPRIATED RETAINED EARNINGS	751,377,433
219	ACCUMULATED OTHER COMPREHENSIVE INCOME	(26,385,840)
TOTAL PROPRIETARY CAPITAL		1,612,604,716
<b>6. LONG-TERM DEBT</b>		
221	BONDS	1,350,000,000
224	OTHER LONG-TERM DEBT	12,475,533
225	UNAMORTIZED PREMIUM ON LONG-TERM DEBT	-
226	UNAMORTIZED DISCOUNT ON LONG-TERM DEBT	(2,111,186)
TOTAL LONG-TERM DEBT		1,360,364,347
<b>7. OTHER NONCURRENT LIABILITIES</b>		
227	OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	-
228.2	ACCUMULATED PROVISION FOR INJURIES AND DAMAGES	100,066,133
228.3	ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS	314,994,869
228.4	ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS	-
230	ASSET RETIREMENT OBLIGATIONS	612,993,836
TOTAL OTHER NONCURRENT LIABILITIES		1,028,054,838

Data from SPL as of July 30, 2009

**SOUTHERN CALIFORNIA GAS COMPANY  
BALANCE SHEET  
LIABILITIES AND OTHER CREDITS  
JUNE 30, 2009**

<b>8. CURRENT AND ACCRUED LIABILITES</b>		2009
231	NOTES PAYABLE	-
232	ACCOUNTS PAYABLE	215,043,653
233	NOTES PAYABLE TO ASSOCIATED COMPANIES	-
234	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	20,946,660
235	CUSTOMER DEPOSITS	93,515,614
236	TAXES ACCRUED	1,902,469
237	INTEREST ACCRUED	17,236,904
238	DIVIDENDS DECLARED	323,265
241	TAX COLLECTIONS PAYABLE	15,724,726
242	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	138,275,704
243	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT	-
244	DERIVATIVE INSTRUMENT LIABILITIES	116,129
245	DERIVATIVE INSTRUMENT LIABILITIES - HEDGES	-
TOTAL CURRENT AND ACCRUED LIABILITIES		503,085,124
<b>9. DEFERRED CREDITS</b>		
252	CUSTOMER ADVANCES FOR CONSTRUCTION	98,438,092
253	OTHER DEFERRED CREDITS	774,512,116
254	OTHER REGULATORY LIABILITIES	1,788,911,418
255	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	29,041,026
257	UNAMORTIZED GAIN ON REACQUIRED DEBT	-
281	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED	-
282	ACCUMULATED DEFERRED INCOME TAXES - PROPERTY	216,631,552
283	ACCUMULATED DEFERRED INCOME TAXES - OTHER	347,868,057
TOTAL DEFERRED CREDITS		3,255,402,261
TOTAL LIABILITIES AND OTHER CREDITS		\$ 7,759,511,286

Data from SPL as of July 30, 2009

**SOUTHERN CALIFORNIA GAS COMPANY**  
**STATEMENT OF INCOME AND RETAINED EARNINGS**  
**SIX MONTHS ENDED JUNE 30, 2009**

**1. UTILITY OPERATING INCOME**

400	OPERATING REVENUES		\$1,616,983,317
401	OPERATING EXPENSES	\$1,151,870,082	
402	MAINTENANCE EXPENSES	60,941,931	
403-7	DEPRECIATION AND AMORTIZATION EXPENSES	146,550,175	
408.1	TAXES OTHER THAN INCOME TAXES	34,846,571	
409.1	INCOME TAXES	53,972,465	
410.1	PROVISION FOR DEFERRED INCOME TAXES	30,324,633	
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(5,185,361)	
411.4	INVESTMENT TAX CREDIT ADJUSTMENTS	(1,306,321)	
411.6	GAIN FROM DISPOSITION OF UTILITY PLANT	(868)	
411.7	LOSS FROM DISPOSITION OF UTILITY PLANT	-	
	TOTAL OPERATING REVENUE DEDUCTIONS		1,472,013,307
	NET OPERATING INCOME		144,970,010

**2. OTHER INCOME AND DEDUCTIONS**

415	REVENUE FROM MERCHANDISING, JOBBING AND CONTRACT WORK	-	
417	REVENUES FROM NONUTILITY OPERATIONS	-	
417.1	EXPENSES OF NONUTILITY OPERATIONS	49,657	
418	NONOPERATING RENTAL INCOME	(198,102)	
418.1	EQUITY IN EARNINGS OF SUBSIDIARIES	-	
419	INTEREST AND DIVIDEND INCOME	(2,246,433)	
419.1	ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION	(5,111,470)	
421	MISCELLANEOUS NONOPERATING INCOME	(471,494)	
421.1	GAIN ON DISPOSITION OF PROPERTY	-	
	TOTAL OTHER INCOME	(7,977,842)	
425	MISCELLANEOUS AMORTIZATION	-	
426	MISCELLANEOUS OTHER INCOME DEDUCTIONS	1,533,617	
		1,533,617	
408.2	TAXES OTHER THAN INCOME TAXES	49,084	
409.2	INCOME TAXES	(431,732)	
410.2	PROVISION FOR DEFERRED INCOME TAXES	(4,116,600)	
411.2	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(40,774)	
420	INVESTMENT TAX CREDITS	-	
	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS	(4,540,022)	
	TOTAL OTHER INCOME AND DEDUCTIONS		(10,984,247)
	INCOME BEFORE INTEREST CHARGES		155,954,257
	NET INTEREST CHARGES*		34,563,293
	NET INCOME		\$121,390,964

\*NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION. (\$1,248,533)

Data from SPL as of July 30, 2009

**SOUTHERN CALIFORNIA GAS COMPANY  
STATEMENT OF INCOME AND RETAINED EARNINGS  
SIX MONTHS ENDED JUNE 30, 2009**

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**3. RETAINED EARNINGS**

RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	\$690,021,779
NET INCOME (FROM PRECEDING PAGE)	121,390,964
DIVIDEND TO PARENT COMPANY	-
DIVIDENDS DECLARED - PREFERRED STOCK	(646,532)
OTHER RETAINED EARNINGS ADJUSTMENT	-
RETAINED EARNINGS AT END OF PERIOD	<u>\$810,766,211</u>

**SOUTHERN CALIFORNIA GAS COMPANY**  
**FINANCIAL STATEMENT**  
**JUNE 30, 2009**

(a) Amounts and Kinds of Stock Authorized:

Preferred Stock	160,000	shares	Par Value \$4,000,000
Preferred Stock	840,000	shares	Par Value \$21,000,000
Preferred Stock	5,000,000	shares	Without Par Value
Preference Stock	5,000,000	shares	Without Par Value
Common Stock	100,000,000	shares	Without Par Value

Amounts and Kinds of Stock Outstanding:

**PREFERRED STOCK**

6.0%	79,011	shares	\$1,975,275
6.0%	783,032	shares	19,575,800

**COMMON STOCK**

91,300,000	shares	834,888,907
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(b) Terms of Preferred Stock:

Full information as to this item is given in connection with Application Nos. 96-09-036 and 06-07-012, to which references are hereby made.

(c) Brief Description of Mortgage:

Full information as to this item is given in Application Nos. 03-07-008 and 06-07-012 to which references are hereby made.

(d) Number and Amount of Bonds Authorized and Issued:

	Nominal Date of Issue	Par Value		Interest Paid in 2008
		Authorized and Issued	Outstanding	
<u>First Mortgage Bonds:</u>				
4.80% Series GG, due 2012	10-02-02	250,000,000	250,000,000	12,000,000
5.45% Series HH, due 2018	10-14-03	250,000,000	250,000,000	13,625,000
Var % Series II, due 2011	12-15-03	250,000,000	250,000,000	10,937,500
Var% Series JJ, due 2009	12-10-04	100,000,000	100,000,000	3,649,673
5.75% Series KK, due 2035	11-18-05	250,000,000	250,000,000	14,375,000
5.50% Series LL, due 2014	11-21-08	250,000,000	250,000,000	0
<u>Other Long-Term Debt</u>				
4.750% SFr. Foreign Interest Payment Securities	05-14-06	7,877,038	7,475,533	355,091
5.67% Medium-Term Note, due 2028	01-15-98	5,000,000	5,000,000	283,500

**SOUTHERN CALIFORNIA GAS COMPANY  
FINANCIAL STATEMENT  
JUNE 30, 2009**

<u>Other Indebtedness:</u>	<u>Date of Issue</u>	<u>Date of Maturity</u>	<u>Interest Rate</u>	<u>Outstanding</u>	<u>Interest Paid in 2008</u>
Commercial Paper & ST Bank Loans	11/01/04	08/15/11	Various	0	\$306,048

Amounts and Rates of Dividends Declared:

The amounts and rates of dividends during the past five fiscal years are as follows:

<u>Preferred Stock</u>	<u>Shares Outstanding @ 12-31-08</u>	<u>Dividends Declared</u>				
	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	
6.0%	79,011	\$118,516	\$118,516	\$118,516	\$118,516	\$118,516
6.0%	783,032	1,174,548	1,174,548	1,174,548	1,174,548	1,174,548
	<u>862,043</u>	<u>\$1,293,064</u>	<u>\$1,293,064</u>	<u>\$1,293,064</u>	<u>\$1,293,064</u>	<u>\$1,293,064</u>

Common Stock

Amount                                    \$200,000,000    \$200,000,000    \$150,000,000    \$250,000,000    \$250,000,000 [1]

A balance sheet and a statement of income and retained earnings of Applicant for the six months ended June 30, 2009, are attached hereto.

[1] [Southern California Gas Company dividend to parent company, Sempra Energy.](#)

## **APPENDIX E**

### **GAS STORAGE COMPETITORS**

# California Storage Fields

- Existing Utility Storage Field
- Existing Third Party Storage Field
- Proposed Third Party Storage Field





LEGEND TO MAP OF NATURAL GAS STORAGE SITES IN CALIFORNIA

**Owners of California Storage Fields**

<b><u>Existing Utility Storage</u></b>	<b><u>Owner</u></b>
Aliso Canyon	Southern California Gas Co.
Honor Rancho	Southern California Gas Co.
Goleta	Southern California Gas Co.
Playa Del Rey	Southern California Gas Co.
McDonald Island	Pacific Gas and Electric Co.
Pleasant Creek	Pacific Gas and Electric Co.
Los Medanos	Pacific Gas and Electric Co.
<b><u>Existing Third Party Storage</u></b>	<b><u>Owner</u></b>
Lodi	Lodi Gas Storage, LLC
Kirby Hills	Lodi Gas Storage, LLC
Wild Goose	Wild Goose Storage, LLC
<b><u>Proposed Third Party Storage</u></b>	<b><u>Owner(s)</u></b>
Gill Ranch	Gill Ranch Storage, LLC (75%) and Pacific Gas and Electric Co. (25%)
Sacramento Natural Gas	Sacramento Natural Gas Storage, LLC
Central Valley	Central Valley Gas Storage, LLC
Ten Section	Tricor Ten Section Hub, LLC

## **APPENDIX F**

### **STATEMENT OF PROPOSED INCREASES**

**STATEMENT OF PROPOSED INCREASES ASSOCIATED WITH SOUTHERN CALIFORNIA GAS COMPANY'S APPLICATION TO AMEND ITS CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR THE ALISO CANYON GAS STORAGE FACILITY**

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If this Application is approved, upon full completion of the Project, the impact on a residential customer's monthly summer bill for 32 therms of gas will increase by 12 cents/month, from \$29.12 to \$29.24/month. Based on a 12-month period, a residential customer's average monthly bill will increase by 17 cents. The impact on each customer and customer class will vary depending on individual usage and the final decision.

If approved, the proposed costs allocated to each core customer class, and the increase over current costs, is as follows:

<b>Customer Class</b>	<b>Annual \$ (million)</b>	<b>% increase</b>
Residential	\$9.7	0.8%
Commercial/Industrial	\$1.6	0.8%
Other Core	\$0.01	0.05%
<b>Total*</b>	<b>\$11.3</b>	<b>0.8%</b>

\*The actual number approved will include fees paid to cities and local governments.

## **APPENDIX G**

### **STATEMENT OF EFFECTIVE RATES**

TARIFF SCHEDULES

Applicable to

G A S S E R V I C E

Of

SOUTHERN CALIFORNIA GAS COMPANY

555 West Fifth Street  
Los Angeles, California 90013-1011

(Mailing Address: P. O. Box 513249,  
Los Angeles, California 90051-1249)

Operating in

Fresno, Imperial, Kern, Kings, Los Angeles, Orange,  
Riverside, Santa Barbara, San Bernardino, San Luis Obispo,  
Tulare and Ventura Counties

These tariff schedules have been regularly filed with the Public Utilities Commission of the State of California and include the effective rates and rules of this Utility.

Service will be furnished in accordance with these tariff schedules and no officer, employee or representative of the Utility has any authority to waive, alter or amend these tariff schedules of any part thereof in any respect.

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. 3653  
DECISION NO.

1C15

ISSUED BY

**Lee Schavrien**  
Vice President  
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)

DATE FILED Aug 15, 2006  
EFFECTIVE Sep 14, 2006  
RESOLUTION NO. \_\_\_\_\_

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The following listed sheets contain all effective Schedules of Rates and Rules affecting service and information relating thereto in effect on the date indicated thereon.

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(Continued)

(TO BE INSERTED BY UTILITY)  
 ADVICE LETTER NO. 4017  
 DECISION NO. 09-09-011

ISSUED BY  
**Lee Schavrien**  
 Senior Vice President  
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)  
 DATE FILED Sep 21, 2009  
 EFFECTIVE Sep 21, 2009  
 RESOLUTION NO. \_\_\_\_\_

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(TO BE INSERTED BY UTILITY)  
 ADVICE LETTER NO. 4014  
 DECISION NO. 09-08-029

ISSUED BY  
**Lee Schavrien**  
 Senior Vice President  
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)  
 DATE FILED Sep 2, 2009  
 EFFECTIVE Aug 20, 2009  
 RESOLUTION NO. \_\_\_\_\_

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(TO BE INSERTED BY UTILITY)  
 ADVICE LETTER NO. 3993  
 DECISION NO. 06-10-029

ISSUED BY  
**Lee Schavrien**  
 Senior Vice President  
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)  
 DATE FILED Jun 5, 2009  
 EFFECTIVE Jul 31, 2009  
 RESOLUTION NO. \_\_\_\_\_



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(TO BE INSERTED BY UTILITY)  
 ADVICE LETTER NO. 3750  
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ISSUED BY  
**Lee Schavrien**  
 Senior Vice President  
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)  
 DATE FILED Jun 6, 2007  
 EFFECTIVE Jul 6, 2007  
 RESOLUTION NO. G-3197

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(TO BE INSERTED BY UTILITY)  
 ADVICE LETTER NO. 4015  
 DECISION NO.  
 105

ISSUED BY  
**Lee Schavrien**  
 Senior Vice President  
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)  
 DATE FILED Sep 9, 2009  
 EFFECTIVE Sep 10, 2009  
 RESOLUTION NO. G-3351

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 ADVICE LETTER NO. 4015  
 DECISION NO.  
 2C5

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**Lee Schavrien**  
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 DATE FILED Sep 9, 2009  
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 RESOLUTION NO. G-3351

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 DECISION NO. 08-12-020  
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 ADVICE LETTER NO. 3585  
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 ADVICE LETTER NO. 3948  
 DECISION NO. 06-12-031, 07-12-019

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**Lee Schavrien**  
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**Lee Schavrien**  
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(TO BE INSERTED BY CAL. PUC)  
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 EFFECTIVE Mar 15, 2009  
 RESOLUTION NO. \_\_\_\_\_

## **APPENDIX H**

### **STATEMENT OF ORIGINAL COST AND DEPRECIATION RESERVE**

**SOUTHERN CALIFORNIA GAS COMPANY**

Plant Investment and Accumulated Depreciation  
As of June 30, 2009

ACCOUNT NUMBER	DESCRIPTION	ORIGINAL COSTS	ACCUMULATED RESERVE
<b>INTANGIBLE ASSETS</b>			
301	Organization	\$ 76,457	\$ -
302	Franchise and Consents	545,693	-
	Total Intangible Assets	<u>\$ 622,150</u>	<u>\$ -</u>
<b>UNDERGROUND STORAGE:</b>			
350	Land	\$ 4,539,484	\$ -
350	Storage Rights	17,740,334	16,596,288
350	Rights-of-Way	25,354	12,555
351	Structures and Improvements	33,212,992	17,234,589
352	Wells	199,313,052	132,912,441
353	Lines	81,573,476	90,919,935
354	Compressor Station and Equipment	108,240,357	64,687,959
355	Measuring And Regulator Equipment	5,198,068	1,620,221
356	Purification Equipment	79,850,519	57,253,787
357	Other Equipment	15,978,684	2,749,558
	Total Underground Storage	<u>\$ 545,672,320</u>	<u>\$ 383,987,333</u>
<b>TRANSMISSION PLANT- OTHER:</b>			
365	Land	\$ 2,786,000	\$ -
365	Land Rights	20,456,148	13,103,120
366	Structures and Improvements	29,628,894	20,098,536
367	Mains	1,012,494,291	491,202,580
368	Compressor Station and Equipment	175,808,237	95,752,122
369	Measuring And Regulator Equipment	45,303,485	25,002,319
371	Other Equipment	4,062,592	2,047,628
	Total Transmission Plant	<u>\$ 1,290,539,647</u>	<u>\$ 647,206,305</u>
<b>DISTRIBUTION PLANT:</b>			
374	Land	\$ 28,254,507	\$ -
374	Land Rights	2,646,609	12,264
375	Structures and Improvements	197,994,981	50,481,601
376	Mains	2,852,230,360	1,624,325,365
378	Measuring And Regulator Equipment	62,254,695	43,146,782
380	Services	1,971,982,114	1,577,829,103
381	Meters	413,320,369	119,445,317
382	Meter Installation	249,707,033	146,372,060
383	House Regulators	111,080,531	45,560,800
387	Other Equipment	22,865,386	18,538,238
	Total Distribution Plant	<u>\$ 5,912,336,585</u>	<u>\$ 3,625,711,530</u>
<b>GENERAL PLANT:</b>			
389	Land	\$ 1,243,021	\$ -
389	Land Rights	74,300	-
390	Structures and Improvements	114,176,644	97,947,900
391	Office Furniture and Equipment	360,438,644	209,346,371
392	Transportation Equipment	497,239	(144,329)
393	Stores Equipment	16,686	16,157
394	Shop and Garage Equipment	51,086,665	22,194,339
395	Laboratory Equipment	6,415,114	3,837,409
396	Construction Equipment	94,507	68,556
397	Communication Equipments	46,673,459	17,492,176
398	Miscellaneous Equipment	3,744,074	(1,576,489)
	Total General Plant	<u>\$ 584,460,353</u>	<u>\$ 349,182,090</u>
	Grand Total	<u>\$ 8,333,631,055</u>	<u>\$ 5,006,087,258</u>

## **APPENDIX I**

### **SUMMARY OF EARNINGS**

**SOUTHERN CALIFORNIA GAS COMPANY  
SUMMARY OF EARNINGS  
SIX MONTHS ENDED JUNE 30, 2009  
(DOLLARS IN MILLIONS)**

<u>Line No.</u>	<u>Item</u>	<u>Amount</u>
1	Operating Revenue	\$1,617
2	Operating Expenses	<u>1,472</u>
3	Net Operating Income	<u><u>\$145</u></u>
4	Weighted Average Rate Base	\$2,747
5	Rate of Return*	8.68%

\*Authorized Cost of Capital



**APPENDIX J**

**SERVICE LIST OF CITY, COUNTY AND STATE  
OFFICIALS**

ATTORNEY GENERAL  
STATE OF CALIFORNIA  
1300 "I" STREET  
SACRAMENTO, CA 95814

DEPARTMENT OF GENERAL SERVICES  
STATE OF CALIFORNIA  
915 CAPITOL MALL  
SACRAMENTO, CA 95814

COUNTY CLERK  
FRESNO COUNTY  
2221 KERN ST.  
FRESNO, CA 93721

COUNTY COUNSEL  
FRESNO COUNTY  
2220 TULARE ST., 5TH FLOOR  
FRESNO, CA 93721

COUNTY CLERK  
IMPERIAL COUNTY  
EL CENTRO, CA 92243

DISTRICT ATTORNEY  
IMPERIAL COUNTY  
940 W. MAIN ST., STE. 101  
EL CENTRO, CA 92243

COUNTY COUNSEL  
KERN COUNTY  
1415 TRUXTUN  
BAKERSFIELD, CA 93301

CLERK OF THE BOARD  
KERN COUNTY  
1115 TRUXTUN  
BAKERSFIELD, CA 93301

DISTRICT ATTORNEY  
KINGS COUNTY  
1400 W. LACEY BLVD.  
HANFORD, CA 93230

COUNTY CLERK  
KINGS COUNTY  
1400 W. LACEY BLVD.  
HANFORD, CA 93230

DISTRICT ATTORNEY  
LOS ANGELES COUNTY  
111 NO. HILL STREET  
LOS ANGELES, CA 90012

COUNTY CLERK  
LOS ANGELES COUNTY  
12400 E. IMPERIAL HIGHWAY  
NORWALK, CA 90650

DISTRICT ATTORNEY  
ORANGE COUNTY  
700 CIVIC CENTER DRIVE WEST  
SANTA ANA, CA 92701

COUNTY CLERK  
ORANGE COUNTY  
700 CIVIC CENTER DR. RM D100  
SANTA ANA, CA 92701

DISTRICT ATTORNEY  
RIVERSIDE COUNTY  
2041 IOWA AVE.  
RIVERSIDE, CA 92501

COUNTY CLERK  
RIVERSIDE COUNTY  
4080 LEMON STREET  
RIVERSIDE, CA 92501

COUNTY CLERK  
SAN BERNARDINO COUNTY  
175 W. 5TH ST  
SAN BERNARDINO, CA 92415

DISTRICT ATTORNEY  
SAN BERNARDINO COUNTY  
175 W. 5TH ST.  
SAN BERNARDINO, CA 92415

COUNTY CLERK  
SAN LUIS OBISPO COUNTY  
COURT HOUSE ANNEX  
SAN LUIS OBISPO, CA 93408

DISTRICT ATTORNEY  
SAN LUIS OBISPO COUNTY  
COURT HOUSE ANNEX  
SAN LUIS OBISPO, CA 93408

COUNTY CLERK  
SANTA BARBARA COUNTY  
105 E. ANAPUMA ST.  
SANTA BARBARA, CA 93102

DISTRICT ATTORNEY  
SANTA BARBARA COUNTY  
105 E. ANAPUMA ST.  
SANTA BARBARA, CA 93102

COUNTY CLERK  
TULARE COUNTY  
CIVIC CENTER  
VISALIA, CA 93277

DISTRICT ATTORNEY  
TULARE COUNTY  
CIVIC CENTER  
VISALIA, CA 93277

DISTRICT ATTORNEY  
VENTURA COUNTY  
800 SO. VICTORIA AVE.  
VENTURA, CA 93009

COUNTY CLERK  
VENTURA COUNTY  
800 SO. VICTORIA AVE.  
VENTURA, CA 93009

CITY CLERK  
YUCAIPA CITY  
34272 YUCAIPA BLVD.  
YUCAIPA, CA 92399

CITY ATTORNEY  
ADELANTO CITY HALL  
P.O. BOX 10  
ADELANTO, CA 92301

CITY CLERK  
ADELANTO CITY HALL  
P. O. BOX 10  
ADELANTO, CA 92301

CITY ATTORNEY  
AGOURA HILLS CITY HALL  
30101 AGOURA CT., #102  
AGOURA HILLS, CA 91301

CITY CLERK  
AGOURA HILLS CITY HALL  
30101 AGOURA CT., #102  
AGOURA HILLS, CA 91301

CITY ATTORNEY  
ALHAMBRA CITY HALL  
111 S. FIRST ST  
ALHAMBRA, CA 91801

CITY CLERK  
ALHAMBRA CITY HALL  
111 S. FIRST ST.  
ALHAMBRA, CA 91801

CITY ATTORNEY  
ANAHEIM CITY HALL  
P.O. BOX 3222  
ANAHEIM, CA 92803

CITY CLERK  
ANAHEIM CITY HALL  
P.O. BOX 3222  
ANAHEIM, CA 92803

CITY CLERK  
ARCADIA CITY HALL  
240 W. HUNTINGTON DR.  
ARCADIA, CA 91006

CITY ATTORNEY  
ARCADIA CITY HALL  
240 W. HUNTINGTON DR  
ARCADIA, CA 91006

CITY ATTORNEY  
ARROYO GRANDE CITY HALL  
214 E. BRANCH ST  
ARROYO GRANDE, CA 93420

CITY CLERK  
ARROYO GRANDE CITY HALL  
214 E. BRANCH ST.  
ARROYO GRANDE, CA 93420

CITY ATTORNEY  
ARTESIA CITY HALL  
18747 CLARKDALE AVE.  
ARTESIA, CA 90701

CITY CLERK  
ARTESIA CITY HALL  
18747 CLARKDALE AVE.  
ARTESIA, CA 90701

CITY ATTORNEY  
ARVIN CITY HALL  
200 CAMPUS DR.  
ARVIN, CA 93203

CITY CLERK  
ARVIN CITY HALL  
200 CAMPUS DR.  
ARVIN, CA 93203

CITY ATTORNEY  
ATASCADERO CITY HALL  
6500 PALMA AVE.  
ATASCADERO, CA 93422

CITY CLERK  
ATASCADERO CITY HALL  
6500 PALMA AVE.  
ATASCADERO, CA 93422

CITY ATTORNEY  
AVENAL CITY HALL  
919 SKYLINE AVE.  
AVENAL, CA 93204

CITY CLERK  
AVENAL CITY HALL  
919 SKYLINE AVE.  
AVENAL, CA 93204

CITY ATTORNEY  
AZUSA CITY HALL  
213 E. FOOTHILL BLVD.  
AZUSA, CA 91702

CITY CLERK  
AZUSA CITY HALL  
213 E. FOOTHILL BLVD.  
AZUSA, CA 91702

CITY ATTORNEY  
BAKERSFIELD CITY HALL  
1501 TRUXTUN AVE.  
BAKERSFIELD, CA 93301

CITY CLERK  
BAKERSFIELD CITY HALL  
1501 TRUXTUN AVE.  
BAKERSFIELD, CA 93301

CITY ATTORNEY  
BALDWIN PARK CITY HALL  
14403 E. PACIFIC AVE.  
BALDWIN PARK, CA 91706

CITY CLERK  
BALDWIN PARK CITY HALL  
14403 E. PACIFIC AVE.  
BALDWIN PARK, CA 91706

CITY ATTORNEY  
BANNING CITY HALL  
99 EAST RAMSEY ST.  
BANNING, CA 92220

CITY CLERK  
BANNING CITY HALL  
99 EAST RAMSEY ST.  
BANNING, CA 92220

CITY ATTORNEY  
BEAUMONT CITY HALL  
550 6TH AVE.  
BEAUMONT, CA 92223

CITY CLERK  
BEAUMONT CITY HALL  
550 6TH AVE.  
BEAUMONT, CA 92223

CITY ATTORNEY  
BELL CITY HALL  
6330 PINE AVE.  
BELL, CA 90201

CITY CLERK  
BELL CITY HALL  
6330 PINE AVE.  
BELL, CA 90201

CITY ATTORNEY  
BELL GARDENS CITY HALL  
7100 SO. GARFIELD AVE.  
BELL GARDENS, CA 90201

CITY CLERK  
BELL GARDENS CITY HALL  
7100 SO. GARFIELD AVE.  
BELL GARDENS, CA 90201

CITY ATTORNEY  
BELLFLOWER CITY HALL  
16600 E. CIVIC CENTER DR.  
BELLFLOWER, CA 90706

CITY CLERK  
BELLFLOWER CITY HALL  
16600 E. CIVIC CENTER DR.  
BELLFLOWER, CA 90706

CITY ATTORNEY  
BEVERLY HILLS CITY HALL  
450 NO. CRESCENT DR.  
BEVERLY HILLS, CA 90210

CITY CLERK  
BEVERLY HILLS CITY HALL  
450 NO. CRESCENT DR.  
BEVERLY HILLS, CA 90210

CITY ATTORNEY  
BIG BEAR LAKE CITY  
P. O. BOX 2800  
BIG BEAR LAKE, CA 92315

CITY CLERK  
BIG BEAR LAKE CITY  
P. O. BOX 2800  
BIG BEAR LAKE, CA 92315

CITY CLERK  
BLYTHE CITY HALL  
200 NO. SPRING ST.  
CITY OF BLYTHE, CA 92225

CITY ATTORNEY  
BLYTHE CITY HALL  
200 NO. SPRING ST.  
CITY OF BLYTHE, CA 92225

CITY ATTORNEY  
BRADBURY CITY HALL  
600 WINSTON AVE.  
BRADBURY, CA 91010

CITY CLERK  
BRADBURY CITY HALL  
600 WINSTON AVE.  
BRADBURY, CA 91010

CITY ATTORNEY  
BRAWLEY CITY HALL  
400 MAIN ST.  
BRAWLEY, CA 92227

CITY CLERK  
BRAWLEY CITY HALL  
400 MAIN STREET  
BRAWLEY, CA 92227

CITY ATTORNEY  
BREA CITY HALL  
1 CIVIC CENTER CIRCLE  
BREA, CA 92621

CITY CLERK  
BREA CITY HALL  
1 CIVIC CENTER CIRCLE  
BREA, CA 92621

CITY ATTORNEY  
BUENA PARK CITY HALL  
6650 BEACH BLVD.  
BUENA PARK, CA 90620

CITY CLERK  
BUENA PARK CITY HALL  
6650 BEACH BLVD.  
BUENA PARK, CA 90620

CITY ATTORNEY  
BURBANK CITY HALL  
275 E. OLIVE AVE.  
BURBANK, CA 91502

CITY CLERK  
BURBANK CITY HALL  
275 E. OLIVE AVE.  
BURBANK, CA 91502

CITY CLERK  
CALEXICO CITY HALL  
408 HEBER AVE.  
CALEXICO, CA 92231

CITY ATTORNEY  
CALIFORNIA CITY CITY HALL  
21000 HACIENDA BLVD.  
CALIFORNIA CITY, CA 93505

CITY CLERK  
CALIFORNIA CITY CITY HALL  
21000 HACIENDA BLVD.  
CALIFORNIA CITY, CA 93505

CITY ATTORNEY  
CALIPATRIA CITY HALL  
101 NO. LAKE AVE.  
CALIPATRIA, CA 92233

CITY CLERK  
CALIPATRIA CITY HALL  
101 NO. LAKE AVE.  
CALIPATRIA, CA 92233

CITY ATTORNEY  
CAMARILLO CITY HALL  
601 CARMEN DRIVE  
CAMARILLO, CA 93010

CITY CLERK  
CAMARILLO CITY HALL  
601 CARMEN DRIVE  
CAMARILLO, CA 93010

CITY ATTORNEY  
CANYON LAKE CITY  
31532 RAILROAD CANYON RD, #101  
CANYON LAKE, CA 92587

CITY CLERK  
CANYON LAKE CITY  
31532 RAILROAD CANYON RD, #101  
CANYON LAKE, CA 92587

CITY ATTORNEY  
CARPINTERIA CITY HALL  
5775 CARPINTERIA AVE.  
CARPINTERIA, CA 93013

CITY CLERK  
CARPINTERIA CITY HALL  
5775 CARPINTERIA AVE.  
CARPINTERIA, CA 93013

CITY ATTORNEY  
CARSON CITY HALL  
701 E. CARSON ST.  
CARSON, CA 90745

CITY CLERK  
CARSON CITY HALL  
701 E. CARSON ST.  
CARSON, CA 90745

CITY ATTORNEY  
CATHEDRAL CITY CITY HALL  
68625 PEREZ ROAD  
CATHEDRAL CITY, CA 92234

CITY CLERK  
CATHEDRAL CITY CITY HALL  
68625 PEREZ ROAD  
CATHEDRAL CITY, CA 92234

CITY ATTORNEY  
CERRITOS CITY HALL  
BLOOMFIELD AND 183RD ST.  
CERRITOS, CA 90701

CITY CLERK  
CERRITOS CITY HALL  
BLOOMFIELD AND 183RD ST.  
CERRITOS, CA 90701

CITY ATTORNEY  
CHINO CITY HALL  
13220 CENTRAL AVE.  
CHINO, CA 91710

CITY CLERK  
CHINO CITY HALL  
13220 CENTRAL AVE.  
CHINO, CA 91710

CITY CLERK  
CLAREMONT CITY HALL  
207 HARVARD AVE.  
CLAREMONT, CA 91711

CITY ATTORNEY  
CLAREMONT CITY HALL  
207 HARVARD AVE.  
CLAREMONT, CA 91711

CITY ATTORNEY  
COACHELLA CITY HALL  
1515 SIXTH ST.  
COACHELLA, CA 92236

CITY CLERK  
COACHELLA CITY HALL  
1515 SIXTH ST.  
COACHELLA, CA 92236

CITY ATTORNEY  
COLTON CITY HALL  
650 N. LACADENA DR.  
COLTON, CA 92324

CITY CLERK  
COLTON CITY HALL  
650 N. LACADENA DR.  
COLTON, CA 92324

CITY ATTORNEY  
COMMERCE CITY HALL  
5655 JILSON ST.  
COMMERCE, CA 90040

CITY CLERK  
COMMERCE CITY HALL  
5655 JILSON ST.  
COMMERCE, CA 90040

CITY ATTORNEY  
COMPTON CITY HALL  
205 SO. WILLOWBROOK AVE.  
COMPTON, CA 90220

CITY CLERK  
COMPTON CITY HALL  
205 SO. WILLOWBROOK AVE.  
COMPTON, CA 90220

CITY ATTORNEY  
CORCORAN CITY HALL  
1033 CHITTENDEN AVE.  
CORCORAN, CA 93212

CITY CLERK  
CORCORAN CITY HALL  
1033 CHITTENDEN AVE.  
CORCORAN, CA 93212

CITY ATTORNEY  
CORONA CITY HALL  
815 W. SIXTH ST.  
CORONA, CA 91720

CITY CLERK  
CORONA CITY HALL  
815 W. SIXTH ST.  
CORONA, CA 91720

CITY ATTORNEY  
COSTA MESA CITY HALL  
77 FAIR DRIVE  
COSTA MESA, CA 92626

CITY CLERK  
COSTA MESA CITY HALL  
77 FAIR DRIVE  
COSTA MESA, CA 92626

CITY ATTORNEY  
COVINA CITY HALL  
125 E. COLLEGE ST.  
COVINA, CA 91723

CITY CLERK  
COVINA CITY HALL  
125 E. COLLEGE ST.  
COVINA, CA 91723

CITY ATTORNEY  
CUDAHY CITY HALL  
5240 SANTA ANA ST.  
CUDAHY, CA 90201

CITY CLERK  
CUDAHY CITY HALL  
5240 SANTA ANA ST.  
CUDAHY, CA 90201

CITY ATTORNEY  
CULVER CITY CITY HALL  
9770 CULVER BLVD.  
CULVER CITY, CA 90230

CITY CLERK  
CULVER CITY CITY HALL  
9770 CULVER BLVD.  
CULVER CITY, CA 90230

CITY ATTORNEY  
CYPRESS CITY HALL  
5275 ORANGE AVE.  
CYPRESS, CA 90630

CITY CLERK  
CYPRESS CITY HALL  
5275 ORANGE AVE.  
CYPRESS, CA 90630

CITY ATTORNEY  
DANA POINT CITY  
33282 GOLDEN LANTERN ST.  
DANA POINT, CA 92629

CITY CLERK  
DANA POINT CITY  
33282 GOLDEN LANTERN ST.  
DANA POINT, CA 92629

CITY ATTORNEY  
DELANO CITY HALL  
1015 11TH AVE.  
DELANO, CA 93215

CITY CLERK  
DELANO CITY HALL  
1015 11TH AVE.  
DELANO, CA 93215

CITY ATTORNEY  
DESERT HOT SPRINGS CITY HALL  
65950 PIERSON BL.  
DESERT HOT SPRINGS, CA 92240

CITY CLERK  
DESERT HOT SPRINGS CITY HALL  
65950 PIERSON BL.  
DESERT HOT SPRINGS, CA 92240

CITY ATTORNEY  
DIAMOND BAR CITY  
21660 E. COPLEY DR. #100  
DIAMOND BAR, CA 91765

CITY CLERK  
DIAMOND BAR CITY  
21660 E. COPLEY DR., #100  
DIAMOND BAR, CA 91765

CITY ATTORNEY  
DINUBA CITY HALL  
1390 E. ELIZABETH WAY  
DINUBA, CA 93618

CITY CLERK  
DINUBA CITY HALL  
1390 E. ELIZABETH WAY  
DINUBA, CA 93618

CITY ATTORNEY  
DOWNEY CITY HALL  
8425 2ND ST.  
DOWNEY, CA 90241

CITY CLERK  
DOWNEY CITY HALL  
8425 2ND ST.  
DOWNEY, CA 90241

CITY CLERK  
DUARTE CITY HALL  
1600 HUNTINGTON DR.  
DUARTE, CA 91010

CITY ATTORNEY  
DUARTE CITY HALL  
1600 HUNTINGTON DR.  
DUARTE, CA 91010

CITY ATTORNEY  
EL CENTRO CITY HALL  
1275 MAIN ST.  
EL CENTRO, CA 92243

CITY CLERK  
EL CENTRO CITY HALL  
1275 MAIN ST.  
EL CENTRO, CA 92243

CITY ATTORNEY  
EL MONTE CITY HALL  
11333 VALLEY BLVD.  
EL MONTE, CA 91734

CITY CLERK  
EL MONTE CITY HALL  
11333 VALLEY BLVD.  
EL MONTE, CA 91734

CITY ATTORNEY  
EL SEGUNDO CITY HALL  
350 MAIN ST.  
EL SEGUNTO, CA 90245

CITY CLERK  
EL SEGUNDO CITY HALL  
350 MAIN ST.  
EL SEGUNDO, CA 90245

CITY ATTORNEY  
EXETER CITY HALL  
P. O. BOX 237  
EXETER, CA 93221

CITY CLERK  
EXETER CITY HALL  
P. O. BOX 237  
EXETER, CA 93221

CITY ATTORNEY  
FARMERSVILLE CITY HALL  
147 E. FRONT ST.  
FARMERSVILLE, CA 93223

CITY CLERK  
FARMERSVILLE CITY HALL  
147 E. FRONT ST.  
FARMERSVILLE, CA 93223

CITY ATTORNEY  
FILLMORE CITY HALL  
524 SESPE AVE.  
FILLMORE, CA 93015

CITY CLERK  
FILLMORE CITY HALL  
524 SESPE AVE.  
FILLMORE, CA 93015

DEP. CITY CLERK  
FONTANA CITY  
8353 SIERRA AVE.  
FONTANA, CA 92335

CITY ATTORNEY  
FONTANA CITY HALL  
8353 SIERRA AVE.  
FONTANA, CA 92335

CITY ATTORNEY  
FOUNTAIN VALLEY CITY HALL  
10200 SLATER AVE.  
FOUNTAIN VALLEY, CA 92708

CITY CLERK  
FOUNTAIN VALLEY CITY HALL  
10200 SLATER AVE.  
FOUNTAIN VALLEY, CA 92708

CITY ATTORNEY  
FOWLER CITY  
128 SOUTH FIFTH  
FOWLER, CA 23625

CITY CLERK  
FOWLER CITY  
128 SOUTH FIFTH  
FOWLER, CA 93625

CITY ATTORNEY  
FULLERTON CITY HALL  
303 W. COMMONWEALTH  
FULLERTON, CA 92632

CITY CLERK  
FULLERTON CITY HALL  
303 W. COMMONWEALTH  
FULLERTON, CA 92632

CITY ATTORNEY  
GARDEN GROVE CITY HALL  
11300 STANFORD AVE.  
GARDEN GROVE, CA 92640

CITY CLERK  
GARDEN GROVE CITY HALL  
11300 STANFORD AVE.  
GARDEN GROVE, CA 92640

CITY ATTORNEY  
GARDENA CITY HALL  
1700 W 162ND ST.  
GARDENA, CA 90247

CITY CLERK  
GARDENA CITY HALL  
1700 W 162ND ST.  
GARDENA, CA 90247

CITY ATTORNEY  
GLENDALE CITY HALL  
613 E. BROADWAY  
GLENDALE, CA 91205

CITY CLERK  
GLENDALE CITY HALL  
613 E. BROADWAY  
GLENDALE, CA 91205

CITY ATTORNEY  
GLENDORA CITY HALL  
116 E. FOOTHILL BLVD.  
GLENDORA, CA 91740

CITY CLERK  
GLENDORA CITY HALL  
116 E. FOOTHILL BLVD.  
GLENDORA, CA 91740

CITY ATTORNEY  
GRAND TERRACE CITY HALL  
22795 BARTON ROAD  
GRAND TERRACE, CA 92324

CITY CLERK  
GRAND TERRACE CITY HALL  
22795 BARTON ROAD  
GRAND TERRACE, CA 92324

CITY ATTORNEY  
GROVER CITY CITY HALL  
154 SO. 8TH ST.  
GROVER CITY, CA 93433

CITY CLERK  
GROVER CITY CITY HALL  
154 SO. 8TH ST.  
GROVER CITY, CA 93433

CITY ATTORNEY  
GUADALUPE CITY HALL  
918 OBISPO ST.  
GUADALUPE, CA 93434

CITY CLERK  
GUADALUPE CITY HALL  
918 OBISPO ST.  
GUADALUPE, CA 93434

CITY ATTORNEY  
HANFORD CITY HALL  
400 NO. DOUTY  
HANFORD, CA 93230

CITY CLERK  
HANFORD CITY HALL  
400 NO. DOUTY  
HANFORD, CA 93230

CITY ATTORNEY  
HAWAIIAN GARDENS CITY HALL  
21815 PIONEER BLVD.  
HAWAIIAN GARDENS, CA 90716

CITY CLERK  
HAWAIIAN GARDENS CITY HALL  
21815 PIONEER BLVD.  
HAWAIIAN GARDENS, CA 90716

CITY ATTORNEY  
HAWTHORNE CITY HALL  
4455 W. 126TH ST.  
HAWTHORNE, CA 90250

CITY CLERK  
HAWTHORNE CITY HALL  
4455 W. 126TH ST.  
HAWTHORNE, CA 90250

CITY ATTORNEY  
HEMET CITY HALL  
450 E. LATHAN AVE.  
HEMET, CA 92343

CITY CLERK  
HEMET CITY HALL  
450 E. LATHAN AVE.  
HEMET, CA 92343

CITY ATTORNEY  
HERMOSA BEACH CITY HALL  
1315 VALLEY DR.  
HERMOSA BEACH, CA 90254

CITY CLERK  
HERMOSA BEACH CITY HALL  
1315 VALLEY DR.  
HERMOSA BEACH, CA 90254

CITY ATTORNEY  
HESPERIA CITY  
15776 MAIN STREET  
HESPERIA, CA 92345

CITY CLERK  
HESPERIA CITY  
15776 MAIN STREET  
HESPERIA, CA 92345

CITY ATTORNEY  
HIDDEN HILLS CITY HALL  
6165 SPRING VALLEY RD.  
HIDDEN HILLS, CA 91302

CITY CLERK  
HIDDEN HILLS CITY HALL  
6165 SPRING VALLEY RD.  
HIDDEN HILLS, CA 91302

CITY ATTORNEY  
HIGHLAND CITY  
26985 BASE LINE  
HIGHLAND, CA 92346

CITY CLERK  
HIGHLAND CITY  
26985 BASE LINE  
HIGHLAND, CA 92346

CITY ATTORNEY  
HOLTVILLE CITY HALL  
121 W. 5TH ST.  
HOLTVILLE, CA 92250

CITY CLERK  
HOLTVILLE CITY HALL  
121 W. 5TH ST.  
HOLTVILLE, CA 92250

CITY ATTORNEY  
HUNTINGTON BEACH CITY HALL  
2000 MAIN ST.  
HUNTINGTON BEACH, CA 92648

CITY CLERK  
HUNTINGTON BEACH CITY HALL  
2000 MAIN ST.  
HUNTINGTON BEACH, CA 92648

CITY ATTORNEY  
HUNTINGTON PARK CITY HALL  
6550 MILES AVE.  
HUNTINGTON PARK, CA 90255



CITY CLERK  
HUNTINGTON PARK CITY HALL  
6550 MILES AVE.  
HUNTINGTON PARK, CA 90255

CITY ATTORNEY  
IMPERIAL CITY HALL  
420 SO. IMPERIAL AVE.  
IMPERIAL, CA 92251

CITY CLERK  
IMPERIAL CITY HALL  
420 SO. IMPERIAL AVE.  
IMPERIAL, CA 92251

CITY ATTORNEY  
INDIAN WELLS CITY HALL  
44-950 EL DORADO DR.  
INDIAN WELLS, CA 92210

CITY CLERK  
INDIAN WELLS CITY HALL  
44-950 EL DORADO DR.  
INDIAN WELLS, CA 92210

CITY ATTORNEY  
INDIO CITY HALL  
150 CIVIC CENTER MALL  
INDIO, CA 92202

CITY CLERK  
INDIO CITY HALL  
150 CIVIC CENTER MALL  
INDIO, CA 92202

CITY ATTORNEY  
INDUSTRY CITY HALL  
15651 STANFORD ST.  
CITY OF INDUSTRY, CA 91744

CITY CLERK  
INDUSTRY CITY HALL  
15651 STANFORD ST.  
CITY OF INDUSTRY, CA 91744

CITY ATTORNEY  
INGLEWOOD CITY HALL  
1 MANCHESTER BLVD.  
INGLEWOOD, CA 90301

CITY CLERK  
INGLEWOOD CITY HALL  
1 MANCHESTER BLVD.  
INGLEWOOD, CA 90301

CITY ATTORNEY  
IRVINE CITY HALL  
P. O. BOX 19575  
IRVINE, CA 92713

CITY CLERK  
IRVINE CITY HALL  
P. O. BOX 19575  
IRVINE, CA 92713

CITY ATTORNEY  
IRWINDALE CITY HALL  
5050 NO. IRWINDALE AVE.  
IRWINDALE, CA 91706

CITY CLERK  
IRWINDALE CITY HALL  
5050 NO. IRWINDALE AVE.  
IRWINDALE, CA 91706

CITY ATTORNEY  
KINGSBURG CITY HALL  
1401 DRAPER ST.  
KINGSBURG, CA 93631

CITY CLERK  
KINGSBURG CITY HALL  
1401 DRAPER ST.  
KINGSBURG, CA 93631

CITY ATTORNEY  
LA CANADA FLINTRIDGE  
300 SOUTH GRAND SUITE 1500  
LOS ANGELES, CA 90071

CITY CLERK  
LA CANADA FLINTRIDGE CITY HALL  
1327 FOOTHILL BLVD.  
LA CANADA FLINTRIDGE, CA 91011

CITY ATTORNEY  
LA HABRA CITY HALL  
CIVIC CENTER  
LA HABRA, CA 90631

CITY CLERK  
LA HABRA CITY HALL  
CIVIC CENTER  
LA HABRA, CA 90631

CITY ATTORNEY  
LA HABRA HEIGHTS CITY HALL  
1245 NO. HACIENDA BLVD.  
LA HABRA HEIGHTS, CA 90631

CITY CLERK  
LA HABRA HEIGHTS CITY HALL  
1245 NO. HACIENDA BLVD.  
LA HABRA HEIGHTS, CA 90631

CITY ATTORNEY  
LA MIRADA CITY HALL  
13700 SO. LA MIRADA BLVD.  
LA MIRADA, CA 90638

CITY CLERK  
LA MIRADA CITY HALL  
13700 SO. LA MIRADA BLVD.  
LA MIRADA, CA 90638

CITY ATTORNEY  
LA PALMA CITY HALL  
7822 WALKER ST.  
LA PALMA, CA 90623

CITY CLERK  
LA PALMA CITY HALL  
7822 WALKER ST.  
LA PALMA, CA 90623

CITY ATTORNEY  
LA PUENTE CITY HALL  
15900 E. MAIN ST.  
LA PUENTE, CA 91744

CITY CLERK  
LA PUENTE CITY HALL  
15900 E. MAIN ST.  
LA PUENTE, CA 91744

CITY ATTORNEY  
LA QUINTA CITY HALL  
P. O. BOX 1504  
LA QUINTA, CA 92253

CITY CLERK  
LA QUINTA CITY HALL  
P. O. BOX 1504  
LA QUINTA, CA 92253

CITY ATTORNEY  
LA VERNE CITY HALL  
3660 D STREET  
LA VERNE, CA 91750

CITY CLERK  
LA VERNE CITY HALL  
3660 D STREET  
LA VERNE, CA 91750

CITY ATTORNEY  
LAGUNA BEACH CITY HALL  
505 FOREST AVE.  
LAGUNA BEACH, CA 92651

CITY CLERK  
LAGUNA BEACH CITY HALL  
505 FOREST AVE.  
LAGUNA BEACH, CA 92651

CITY ATTORNEY  
LAGUNA NIGUEL CITY  
27821 LA PAZ ROAD  
LAGUNA NIGUEL, CA 92656

CITY CLERK  
LAGUNA NIGUEL CITY  
27821 LA PAZ ROAD  
LAGUNA NIGUEL, CA 92656

CITY ATTORNEY  
LAKE ELSINORE CITY HALL  
130 S. MAIN ST.  
LAKE ELSINORE, CA 92330

CITY CLERK  
LAKE ELSINORE CITY HALL  
130 S. MAIN ST.  
LAKE ELSINORE, CA 92330

CITY ATTORNEY  
LAKEWOOD CITY HALL  
5050 CLARK AVE.  
LAKEWOOD, CA 90714

CITY CLERK  
LAKEWOOD CITY HALL  
5050 CLARK AVE.  
LAKEWOOD, CA 90714

CITY ATTORNEY  
LANCASTER CITY HALL  
44933 N. FERN AVE.  
LANCASTER, CA 93534

CITY CLERK  
LANCASTER CITY HALL  
44933 N. FERN AVE.  
LANCASTER, CA 93534

CITY ATTORNEY  
LAWNDALE CITY  
611 ANTON BL., SUITE 1400  
COSTA MESA, CA 92628

CITY CLERK  
LAWNDALE CITY HALL  
14717 BURIN AVE.  
LAWNDALE, CA 90260

CITY ATTORNEY  
LEMOORE CITY HALL  
119 FOX ST.  
LEMOORE, CA 93245

CITY CLERK  
LEMOORE CITY HALL  
119 FOX ST.  
LEMOORE, CA 93245

CITY ATTORNEY  
LINDSAY CITY HALL  
251 E. HONOLULU ST.  
LINDSAY, CA 93247

CITY CLERK  
LINDSAY CITY HALL  
251 E. HONOLULU ST.  
LINDSAY, CA 93247

CITY ATTORNEY  
LOMA LINDA CITY  
11800 Central Ave, Suite 125  
CHINO, CA 91710

CITY CLERK  
LOMA LINDA CITY HALL  
25541 BARTON RD.  
LOMA LINDA, CA 92354

CITY ATTORNEY  
LOMITA CITY HALL  
24300 NARBONNE AVE.  
LOMITA, CA 90717

CITY CLERK  
LOMITA CITY HALL  
24300 NARBONNE AVE.  
LOMITA, CA 90717

CITY ATTORNEY  
LOMPOC CITY HALL  
100 CIVIC CENTER PLAZA  
LOMPOC, CA 93438

CITY CLERK  
LOMPOC CITY HALL  
100 CIVIC CENTER PLAZA  
LOMPOC, CA 93438

CITY ATTORNEY  
LONG BEACH CITY HALL  
333 W. OCEAN BLVD.  
LONG BEACH, CA 90802

CITY CLERK  
LONG BEACH CITY HALL  
333 W. OCEAN BLVD.  
LONG BEACH, CA 90802

CITY ATTORNEY  
LOS ALAMITOS CITY HALL  
3191 KATELLA  
LOS ALAMITOS, CA 90720

CITY CLERK  
LOS ALAMITOS CITY HALL  
3191 KATELLA  
LOS ALAMITOS, CA 90720

CITY ATTORNEY  
LOS ANGELES CITY HALL  
200 NO. SPRING ST.  
LOS ANGELES, CA 90012

CITY CLERK  
LOS ANGELES CITY HALL  
200 NO. Main St., Ste 1216.  
LOS ANGELES, CA 90012-4125

CITY ATTORNEY  
LYNWOOD CITY HALL  
11330 BULLIS RD.  
LYNWOOD, CA 90262

CITY CLERK  
LYNWOOD CITY HALL  
11330 BULLIS RD.  
LYNWOOD, CA 90262

CITY ATTORNEY  
MANHATTAN BEACH CITY HALL  
1400 HIGHLAND AVE.  
MANHATTAN BEACH, CA 90266

CITY CLERK  
MANHATTAN BEACH CITY HALL  
1400 HIGHLAND AVE.  
MANHATTAN BEACH, CA 90266

CITY ATTORNEY  
MARICOPA CITY HALL  
P. O. BOX 548  
MARICOPA, CA 93252

CITY CLERK  
MARICOPA CITY HALL  
P. O. BOX 548  
MARICOPA, CA 93252

CITY ATTORNEY  
MAYWOOD CITY HALL  
4319 E. SLAUSON AVE.  
MAYWOOD, CA 90270

CITY CLERK  
MAYWOOD CITY HALL  
4319 E. SLAUSON AVE.  
MAYWOOD, CA 90270

CITY ATTORNEY  
MCFARLAND CITY HALL  
401 W. KERN  
MCFARLAND, CA 93250

CITY CLERK  
MCFARLAND CITY HALL  
401 W. KERN  
MCFARLAND, CA 93250

CITY ATTORNEY  
MISSION VIEJO CITY  
25909 PALA, STE. 150  
MISSION VIEJO, CA 92691

CITY CLERK  
MISSION VIEJO CITY  
25909 PALA, STE. 150  
MISSION VIEJO, CA 92691

CITY ATTORNEY  
MONROVIA CITY HALL  
415 SO. IVY AVE.  
MONROVIA, CA 91016

CITY CLERK  
MONROVIA CITY HALL  
415 SO. IVY AVE.  
MONROVIA, CA 91016

CITY ATTORNEY  
MONTCLAIR CITY HALL  
5111 BENITO ST.  
MONTCLAIR, CA 91763

CITY CLERK  
MONTCLAIR CITY HALL  
5111 BENITO ST.  
MONTCLAIR, CA 91763

CITY ATTORNEY  
MONTEBELLO CITY HALL  
1600 BEVERLY BLVD.  
MONTEBELLO, CA 90640

CITY CLERK  
MONTEBELLO CITY HALL  
1600 BEVERLY BLVD.  
MONTEBELLO, CA 90640

CITY ATTORNEY  
MONTEREY PARK CITY HALL  
320 W. NEWMARK AVE.  
MONTEREY PARK, CA 91754

CITY CLERK  
MONTEREY PARK CITY HALL  
320 W. NEWMARK AVE.  
MONTEREY PARK, CA 91754

CITY ATTORNEY  
MOORPARK CITY HALL  
799 MOORPARK AVE.  
MOORPARK, CA 93021

CITY CLERK  
MOORPARK CITY HALL  
799 MOORPARK AVE.  
MOORPARK, CA 93021

CITY ATTORNEY  
MORENO VALLEY CITY HALL  
P. O. BOX 1440  
MORENO VALLEY, CA 92556

CITY CLERK  
MORENO VALLEY CITY HALL  
P. O. BOX 1440  
MORENO VALLEY, CA 92556

CITY ATTORNEY  
MORRO BAY CITY HALL  
DUNES ST. & SHASTA AVE.  
MORRO BAY, CA 93442

CITY CLERK  
MORRO BAY CITY HALL  
DUNES ST. & SHASTA AVE.  
MORRO BAY, CA 93442

CITY ATTORNEY  
MURIETA CITY HALL  
26442 BECKMAN CT.  
MURIETA, CA 92562

CITY CLERK  
MURIETA CITY HALL  
26442 BECKMAN CT.  
MURIETA, CA 92562

CITY ATTORNEY  
NEEDLES CITY  
817 3<sup>rd</sup> Street  
NEEDLES, CA 92363

CITY CLERK  
NEEDLES CITY  
1111 BAILEY AVE.  
NEEDLES, CA 92363

CITY ATTORNEY  
NEWPORT BEACH CITY HALL  
3300 NEWPORT BLVD.  
NEWPORT BEACH, CA 92660

CITY CLERK  
NEWPORT BEACH CITY HALL  
3300 NEWPORT BLVD.  
NEWPORT BEACH, CA 92660

CITY ATTORNEY  
NORCO CITY HALL  
3954 OLD HAMNER AVE.  
NORCO, CA 91760

CITY CLERK  
NORCO CITY HALL  
3954 OLD HAMNER AVE.  
NORCO, CA 91760

CITY ATTORNEY  
NORWALK CITY HALL  
12700 NORWALK BLVD.  
NORWALK, CA 90650

CITY CLERK  
NORWALK CITY HALL  
12700 NORWALK BLVD.  
NORWALK, CA 90650

CITY ATTORNEY  
OJAI CITY HALL  
401 SO. VENTURA ST.  
OJAI, CA 93023

CITY CLERK  
OJAI CITY HALL  
401 SO. VENTURA ST.  
OJAI, CA 93023

CITY ATTORNEY  
ONTARIO CITY HALL  
303 "B" ST.  
ONTARIO, CA 91764

CITY CLERK  
ONTARIO CITY HALL  
303 "B" ST.  
ONTARIO, CA 91764

CITY ATTORNEY  
ORANGE CITY HALL  
300 E. CHAPMAN AVE.  
ORANGE, CA 92666

CITY CLERK  
ORANGE CITY HALL  
300 E. CHAPMAN AVE.  
ORANGE, CA 92666

CITY ATTORNEY  
ORANGE COVE CITY HALL  
555 SIXTH ST.  
ORANGE COVE, CA 93646

CITY CLERK  
ORANGE COVE CITY HALL  
555 SIXTH ST.  
ORANGE COVE, CA 93646

CITY ATTORNEY  
OXNARD CITY HALL  
305 W. THIRD ST.  
OXNARD, CA 93030

CITY CLERK  
OXNARD CITY HALL  
305 W. THIRD ST.  
OXNARD, CA 93030

CITY ATTORNEY  
PALM DESERT CITY HALL  
73510 FRED WARING DR.  
PALM DESERT, CA 92260

CITY CLERK  
PALM DESERT CITY HALL  
73510 FRED WARING DR.  
PALM DESERT, CA 92260

CITY ATTORNEY  
PALM SPRINGS CITY HALL  
P. O. BOX 2743  
PALM SPRINGS, CA 92263

CITY CLERK  
PALM SPRINGS CITY HALL  
P. O. BOX 2743  
PALM SPRINGS, CA 92263

CITY ATTORNEY  
PALMDALE CITY HALL  
708 EAST PALMDALE BLVD.  
PALMDALE, CA 93550

CITY CLERK  
PALMDALE CITY HALL  
708 EAST PALMDALE BLVD.  
PALMDALE, CA 93550

CITY CLERK  
PALOS VERDES ESTATES  
340 PALOS VERDES DRIVE W.  
PALOS VERDES ESTATES, CA 90274

CITY ATTORNEY  
PALOS VERDES ESTATES CITY  
300 SO. GRAND AVE., STE. 1500  
LOS ANGELES, CA 90071

CITY ATTORNEY  
PARAMOUNT CITY HALL  
16400 SO. COLORADO ST.  
PARAMOUNT, CA 90274

CITY CLERK  
PARAMOUNT CITY HALL  
16400 SO. COLORADO ST.  
PARAMOUNT, CA 90274

CITY ATTORNEY  
PARLIER CITY HALL  
1100 E. PARLIER AVE.  
PARLIER, CA 93648

CITY CLERK  
PARLIER CITY HALL  
1100 E. PARLIER AVE.  
PARLIER, CA 93648

CITY ATTORNEY  
PASADENA CITY HALL  
100 NO. GARFIELD AVE.  
PASADENA, CA 91109

CITY CLERK  
PASADENA CITY HALL  
100 NO. GARFIELD AVE.  
PASADENA, CA 91109

CITY ATTORNEY  
PASO ROBLES CITY HALL  
801 4TH ST.  
PASO ROBLES, CA 93446

CITY CLERK  
PASO ROBLES CITY HALL  
801 4TH ST.  
PASO ROBLES, CA 93446

CITY ATTORNEY  
PERRIS CITY HALL  
101 NO. "D" ST.  
PERRIS, CA 92370

CITY CLERK  
PERRIS CITY HALL  
101 NO. "D" ST.  
PERRIS, CA 92370

CITY ATTORNEY  
PICO RIVERA CITY HALL  
6615 PASSONS BLVD.  
PICO RIVERA, CA 90660

CITY CLERK  
PICO RIVERA CITY HALL  
6615 PASSONS  
PICO RIVERA, CA 90660

CITY ATTORNEY  
PISMO BEACH CITY HALL  
1000 BELLO ST.  
PISMO BEACH, CA 93449

CITY CLERK  
PISMO BEACH CITY HALL  
1000 BELLO ST.  
PISMO BEACH, CA 93449

CITY ATTORNEY  
PLACENTIA CITY HALL  
401 E. CHAPMAN AVE.  
PLACENTIA, CA 92670

CITY CLERK  
PLACENTIA CITY HALL  
401 E. CHAPMAN AVE  
PLACENTIA, CA 92670.

CITY ATTORNEY  
POMONA CITY HALL  
505 SO. GAREY  
POMONA, CA 91769

CITY CLERK  
POMONA CITY HALL  
505 SO. GAREY  
POMONA, CA 91769

CITY ATTORNEY  
PORT HUENEME CITY HALL  
250 NO. VENTURA RD.  
PORT HUENEME, CA 93041

CITY CLERK  
PORT HUENEME CITY HALL  
250 NO. VENTURA RD.  
PORT HUENEME, CA 93041

CITY ATTORNEY  
PORTERVILLE CITY HALL  
291 NO. MAIN ST.  
PORTERVILLE, CA 93257

CITY CLERK  
PORTERVILLE CITY HALL  
291 NO. MAIN ST.  
PORTERVILLE, CA 93257

CITY ATTORNEY  
RANCHO CUCAMONGA CITY HALL  
P. O. Box 807  
RANCHO CUCAMONGA, CA 91729

CITY CLERK  
RANCHO CUCAMONGA CITY HALL  
P. O. Box 807  
RANCHO CUCAMONGA, CA 91729

CITY ATTORNEY  
RANCHO MIRAGE CITY  
RANCHO MIRAGE CITY HALL  
RANCHO MIRAGE, CA 92270

CITY CLERK  
RANCHO MIRAGE CITY  
RANCHO MIRAGE CITY HALL  
RANCHO MIRAGE, CA 92270

CITY CLERK  
RANCHO PALOS VERDES  
30940 HAWTHORNE BLVD.  
RANCHO PALOS VERDES, CA 90275

CITY ATTORNEY  
RANCHO PALOS VERDES  
30940 HAWTHORNE BLVD.  
RANCHO PALOS VERDES, CA 90275

CITY ATTORNEY  
REDLANDS CITY HALL  
P. O. BOX 280  
REDLANDS, CA 92373

CITY CLERK  
REDLANDS CITY HALL  
P. O. BOX 280  
REDLANDS, CA 92373

CITY ATTORNEY  
REDONDO BEACH CITY HALL  
415 DIAMOND ST.  
REDONDO BEACH, CA 90277

CITY CLERK  
REDONDO BEACH CITY HALL  
415 DIAMOND ST.  
REDONDO BEACH, CA 90277

CITY ATTORNEY  
REEDLEY CITY HALL  
845 "G" ST.  
REEDLEY, CA 93654

CITY CLERK  
REEDLEY CITY HALL  
845 "G" ST.  
REEDLEY, CA 93654

CITY ATTORNEY  
RIALTO CITY HALL  
150 SO. PALM AVE.  
RIALTO, CA 92376

CITY CLERK  
RIALTO CITY HALL  
150 SO. PALM AVE.  
RIALTO, CA 92376

CITY ATTORNEY  
RIVERSIDE CITY HALL  
3900 MAIN ST.  
RIVERSIDE, CA 92522

CITY CLERK  
RIVERSIDE CITY HALL  
3900 MAIN ST.  
RIVERSIDE, CA 92522

CITY ATTORNEY  
ROLLING HILLS CITY HALL  
#2 PORTUGUESE BEND RD.  
ROLLING HILLS, CA 90274

CITY CLERK  
ROLLING HILLS CITY HALL  
#2 PORTUGUESE BEND RD.  
ROLLING HILLS, CA 90274

CITY ATTORNEY  
ROLLING HILLS ESTS. CITY HALL  
4045 PALOS VERDES DR.  
ROLLING HILLS ESTS., CA 90274

CITY CLERK  
ROLLING HILLS ESTS. CITY HALL  
4045 PALOS VERDES DR.  
ROLLING HILLS ESTS., CA 90274

CITY ATTORNEY  
ROSEMEAD CITY HALL  
8838 E. VALLEY BLVD.  
ROSEMEAD, CA 91770

CITY CLERK  
ROSEMEAD CITY HALL  
8838 E. VALLEY BLVD.  
ROSEMEAD, CA 91770

CITY CLERK  
SAN BERNARDINO CITY HALL  
300 NO. "D" STREET  
SAN BERNARDINO, CA 92418

CITY ATTORNEY  
SAN BERNARDINO CITY HALL  
300 NO. "D" STREET  
SAN BERNARDINO, CA 92418

CITY ATTORNEY  
SAN CLEMENTE CITY HALL  
100 AVENIDA PRESIDIO  
SAN CLEMENTE, CA 92672

CITY CLERK  
SAN CLEMENTE CITY HALL  
100 AVENIDA PRESIDIO  
SAN CLEMENTE, CA 92672

CITY ATTORNEY  
SAN DIMAS CITY HALL  
245 E. BONITA AVE.  
SAN DIMAS, CA 91773

CITY CLERK  
SAN DIMAS CITY HALL  
245 E. BONITA AVE.  
SAN DIMAS, CA 91773

CITY ATTORNEY  
SAN FERNANDO CITY HALL  
117 MACNEIL ST.  
SAN FERNANDO, CA 91340

CITY CLERK  
SAN FERNANDO CITY HALL  
117 MACNEIL ST.  
SAN FERNANDO, CA 91340

CITY CLERK  
SAN GABRIEL CITY HALL  
425 S. MISSION DRIVE  
SAN GABRIEL, CA 91776

CITY CLERK  
SAN GABRIEL CITY HALL  
425 S. MISSION DRIVE  
SAN GABRIEL, CA 91776

CITY ATTORNEY  
SAN JACINTO CITY HALL  
209 E. MAIN ST.  
SAN JACINTO, CA 92383

CITY CLERK  
SAN JACINTO CITY HALL  
209 E. MAIN ST.  
SAN JACINTO, CA 92383

CITY ATTORNEY  
SAN JUAN CAPISTRANO CITY HALL  
32400 PASEO ADELANTO  
SAN JUAN CAPISTRANO, CA 92675

CITY CLERK  
SAN JUAN CAPISTRANO CITY HALL  
32400 PASEO ADELANTO  
SAN JUAN CAPISTRANO, CA 92675

CITY ATTORNEY  
SAN LUIS OBISPO CITY HALL  
990 PALM STREET  
SAN LUIS OBISPO, CA 93401

CITY CLERK  
SAN LUIS OBISPO CITY HALL  
990 PALM ST.  
SAN LUIS OBISPO, CA 93401

CITY ATTORNEY  
SAN MARINO CITY HALL  
2200 HUNTINGTON DR.  
SAN MARINO, CA 91108

CITY CLERK  
SAN MARINO CITY HALL  
2200 HUNTINGTON DR.  
SAN MARINO, CA 91108

CITY ATTORNEY  
SANGER CITY  
1700 7TH STREET  
SANGER, CA 93657

CITY CLERK  
SANGER CITY  
1700 7TH STREET  
SANGER, CA 93657

CITY ATTORNEY  
SANTA ANA CITY HALL  
22 CIVIC CENTER PLAZA  
SANTA ANA, CA 92701

CITY CLERK  
SANTA ANA CITY HALL  
22 CIVIC CENTER PLAZA  
SANTA ANA, CA 92701

CITY ATTORNEY  
SANTA BARBARA CITY HALL  
DE LA GUERRA PLAZA  
SANTA BARBARA, CA 93102

CITY CLERK  
SANTA BARBARA CITY HALL  
DE LA GUERRA PLAZA  
SANTA BARBARA, CA 93102

CITY ATTORNEY  
SANTA CLARITA CITY  
23920 VALENCIA BLVD., #300  
SANTA CLARITA, CA 91355

CITY CLERK  
SANTA CLARITA CITY  
23920 VALENCIA BLVD., #300  
SANTA CLARITA, CA 91355

CITY ATTORNEY  
SANTA FE SPRINGS CITY HALL  
11710 TELEGRAPH RD.  
SANTA FE SPRINGS, CA 90670

CITY CLERK  
SANTA FE SPRINGS CITY HALL  
11710 TELEGRAPH RD.  
SANTA FE SPRINGS, CA 90670

CITY ATTORNEY  
SANTA MARIA CITY HALL  
110 EAST COOK ST.  
SANTA MARIA, CA 93454

CITY CLERK  
SANTA MARIA CITY HALL  
110 EAST COOK ST.  
SANTA MARIA, CA 93454

CITY ATTORNEY  
SANTA MONICA CITY HALL  
1685 MAIN ST.  
SANTA MONICA, CA 90401

CITY CLERK  
SANTA MONICA CITY HALL  
1685 MAIN ST.  
SANTA MONICA, CA 90401

CITY ATTORNEY  
SANTA PAULA CITY HALL  
970 VENTURA ST.  
SANTA PAULA, CA 93060

CITY CLERK  
SANTA PAULA CITY HALL  
970 VENTURA ST.  
SANTA PAULA, CA 93060

CITY ATTORNEY  
SEAL BEACH CITY HALL  
211 8TH ST.  
SEAL BEACH, CA 90740

CITY CLERK  
SEAL BEACH CITY HALL  
211 8TH ST.  
SEAL BEACH, CA 90740

CITY ATTORNEY  
SELMA CITY HALL  
1814 TUCKER ST.  
SELMA, CA 93662

CITY CLERK  
SELMA CITY HALL  
1814 TUCKER ST.  
SELMA, CA 93662

CITY ATTORNEY  
SHAFTER CITY HALL  
336 PACIFIC AVE.  
SHAFTER, CA 93263

CITY CLERK  
SHAFTER CITY HALL  
336 PACIFIC AVE.  
SHAFTER, CA 93263

CITY ATTORNEY  
SIERRA MADRE CITY HALL  
232 W. SIERRA MADRE BLVD.  
SIERRA MADRE, CA 91024

CITY CLERK  
SIERRA MADRE CITY HALL  
232 W. SIERRA MADRE BLVD.  
SIERRA MADRE, CA 91024

CITY ATTORNEY  
SIGNAL HILL CITY HALL  
2175 CHERRY AVE.  
SIGNAL HILL, CA 90806

CITY CLERK  
SIGNAL HILL CITY HALL  
2175 CHERRY AVE.  
SIGNAL HILL, CA 90806

CITY ATTORNEY  
SIMI VALLEY CITY HALL  
3200 COCHRAN ST.  
SIMI VALLEY, CA 93065

CITY CLERK  
SIMI VALLEY CITY HALL  
3200 COCHRAN ST.  
SIMI VALLEY, CA 93065

CITY ATTORNEY  
SOLVANG CITY HALL  
P. O. BOX 107  
SOLVANG, CA 93464

CITY CLERK  
SOLVANG CITY HALL  
P. O. BOX 107  
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**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Application of SOUTHERN CALIFORNIA  
GAS COMPANY (U 904 G) to amend its  
Certificate of Public Convenience and  
Necessity for the Aliso Canyon Gas Storage  
Facility.

Application No. 09-09-  
(Filed September 28, 2009)

**NOTICE OF AVAILABILITY**

**APPLICATION OF  
SOUTHERN CALIFORNIA GAS COMPANY TO AMEND  
ITS CERTIFICATE OF PUBLIC CONVENIENCE AND  
NECESSITY FOR THE ALISO CANYON GAS STORAGE  
FACILITY**

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September 28, 2009

**BEFORE THE PUBLIC UTILITIES COMMISSION  
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**APPLICATION OF  
SOUTHERN CALIFORNIA GAS COMPANY TO AMEND  
ITS CERTIFICATE OF PUBLIC CONVENIENCE AND  
NECESSITY FOR THE ALISO CANYON GAS STORAGE  
FACILITY**

TO: All Parties of Record in A.08-02-001

Please be advised that on September 28, 2009, Southern California Gas Company (“SoCalGas”) filed with the California Public Utilities Commission (“Commission”) its Application of Southern California Gas Company to Amend its Certificate of Public Convenience and Necessity for the Aliso Canyon Gas Storage Facility, as captioned above. Pursuant to Rule 1.9(c) of the Commission’s Rules of Practice and Procedure, you may receive a copy of the Application by directing your request in writing to:

Beth Musich, Regulatory Case Manager  
SOUTHERN CALIFORNIA GAS COMPANY  
California Regulatory Affairs  
555 West Fifth Street, GT-14D6  
Los Angeles, California 90013  
Telephone: (213) 244-3697  
Facsimile: 213-244-4957  
E-mail: BMusich@semprautilities.com

This application is also available for viewing and printing on the SoCalGas web-site at:

<http://www.socalgas.com/regulatory/cpuc.shtml>.

DATED at San Diego, California, on this 28<sup>th</sup> day of September, 2009.

Respectfully submitted,

/s/ John A. Pacheco  
By John A. Pacheco

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[jpacheco@sempra.com](mailto:jpacheco@sempra.com)

Dated: September 28, 2009

**CERTIFICATE OF SERVICE**

Pursuant to Rule 3.2 of the Commission's Rules, I hereby certify that I have this day served a copy of the foregoing **NOTICE OF AVAILABILITY OF THE APPLICATION OF SOUTHERN CALIFORNIA GAS COMPANY TO AMEND ITS CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR THE ALISO CANYON STORAGE FACILITY** on all parties of record in A.08-02-001 by electronic mail and by U.S. mail to those parties who have not provided an electronic address to the Commission.

Dated at San Diego, California, this 28<sup>th</sup> day of September, 2009.

*/s/ Lisa Fucci-Ortiz*  
\_\_\_\_\_  
LISA FUCCI-ORTIZ



California Public  
Utilities Commission

CPUC Home

## CALIFORNIA PUBLIC UTILITIES COMMISSION Service Lists

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**PROCEEDING: A0802001 - SDG&E AND SOCAL GAS**  
**filer: SAN DIEGO GAS & ELECTRIC COMPANY**  
**LIST NAME: LIST**  
**LAST CHANGED: SEPTEMBER 25, 2009**

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