

J. Steve Rahon
Director
Tariffs & Regulatory Accounts

8330 Century Park Ct. San Diego, CA 92123-1548 Tel: 858.654.1773 Fax 858.654.1788 srahon@SempraUtilities.com

December 30, 2005

Advice No. 3554-A (U 904 G)

Public Utilities Commission of the State of California

<u>Subject</u>: Supplemental - Natural Gas Service for Home Refueling of Natural Gas Motor Vehicles

Southern California Gas Company (SoCalGas) hereby submits for filing and approval with the California Public Utilities Commission (Commission) revisions to SoCalGas' tariff schedules as shown on Attachment B, to be effective February 1, 2006 in conjunction with SoCalGas' February 2006 monthly procurement price filing.

#### **Purpose**

This supplemental filing updates the rates filed herein to reflect updated transportation rates resulting from the January 1, 2006 Consolidated Rate Update Advice No. (AL) 3570, dated December 28, 2006, and replaces in its entirety AL 3554, dated November 29, 2005.

Additionally, tariff language is added to comply with Decision (D.) 05-10-043, dated October 27, 2005, and D.05-11-027, dated November 18, 2005, by revising SoCalGas' income-qualified rate schedules to reflect the addition of a credit for customers in the California Alternate Rates for Energy (CARE) program to provide reduced rates during the winter months of December 2005 through March 2006 to reflect benefits on behalf of CARE customers from 1) hedging related to natural gas purchases and 2) withdrawal of storage cushion gas.

This filing proposes a new optional tariff, Schedule No. G-NGVR, Natural Gas Service for Home Refueling of Motor Vehicles, which contains the following rates:

- G-NGVR, Procurement Service for Home Refueling of Motor Vehicles,
- G-NGVRL, Procurement Service for Home Refueling of Motor Vehicles, Income Qualified.
- G-NGVRC, Cross-Over Rate Core Procurement Option,
- GT-NGVR, Core Aggregation Transportation Service for Home Refueling of Motor Vehicles, and
- GT-NGVRL, Core Aggregation Transportation Service for Home Refueling of Motor Vehicles, Income Qualified.

This new schedule is for use by customers who own or lease a Natural Gas Vehicle (NGV) with an installed NGV home refueling appliance meeting U.S. certification requirements. This new schedule is only applicable in the areas indicated in the NGV Gas Quality Map of the utility's service territory (see Attachment C) in which natural gas delivered to customers meets California Air Resources Board (CARB) gas quality standards for motor vehicles<sup>1</sup>.

#### **Summary**

This Advice Letter seeks Commission authorization to implement a new optional, experimental tariff to make natural gas available to those customers that have invested in a certified NGV home refueling appliance. This tariff reflects cost estimates for the provision of gas transportation service to residential customers for NGV home refueling use. Based on these estimates, the transportation cost to provide NGV home refueling procurement service should be 15.755 cents per therm plus a monthly customer charge of \$10, and a per therm gas procurement charge as indicated in SoCalGas' monthly core procurement tariff Schedule No. G-CP. The Income Qualified NGV Home Refueling rates set forth above provide a 20% discount to the afore mentioned rates for customers that meet the income requirements for California Alternate Rates for Energy (CARE) eligibility as defined in Rule No. 1. In addition, there is a CARE Discount for Winter Hedging and Storage Cushion Gas Withdrawal during the winter months of December 2005 through March 2006, as mentioned above. The workpapers showing the calculation of these rates is incorporated herein as Attachment F.

Customers taking service under this new optional tariff schedule will pay the Public Purpose Program (PPP) surcharges applicable to SoCalGas' residential customers under Schedule No. G-PPPS, Public Purpose Program Surcharge.

#### Background

SoCalGas is filing this new optional, experimental tariff in compliance with the statutory requirements to "...facilitate the use of ...natural gas to fuel low-emission vehicles." This filing is also consistent with the state of California's petroleum reduction goals, developed as a result of AB 2076 and articulated in a joint CEC-CARB report entitled "Reducing California's Petroleum Dependence". Lastly, this tariff will facilitate air quality improvement programs led by the CARB as well as numerous other local air districts. NGVs have been shown to reduce NOx emissions by 35% to 60%, CO by 90% to 97%, and CO<sub>2</sub> by 25% when compared to gasoline-fueled automobiles In fact, the 2005 natural gas powered Honda Civic GX was recently named the "greenest vehicle of the year" by the American Council for an Energy Efficient Economy.

Based on the above directives, as well as the Federal and State government policies articulated in the Environmental Policy Act and the State Air Quality statutes and the Corporate Average Fuel Economy (CAFÉ) standards, SoCalGas respectfully requests the Commission to approve these new optional, experimental tariffs.

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<sup>&</sup>lt;sup>1</sup> The CARB CNG fuel specification is listed in California Code of Regulations Title 13, Division 3, Chapter 5, Article 3, Section 2292.5.

<sup>&</sup>lt;sup>2</sup> Public Utilities Code 740.3

<sup>&</sup>lt;sup>3</sup> Published on August 14, 2003.

<sup>&</sup>lt;sup>4</sup> EPA publication entitled "Clean Alternative Fuels: Compressed Natural Gas", published March 2002.

#### Discussion

#### **NGV Rate Options**

If this experimental tariff is approved, SoCalGas' residential customers will have the option of either remaining on the current GR schedule for all their gas use, or opting to receive service on the new G-NGVR schedule for all their gas use, including the use of the NGV home refueling appliance. The G-NGVR schedule offers a lower transportation rate, and the customer benefits from the increased volume of gas transported for the home refueling appliance. Customers may also opt to receive service under the G-NGV tariff for the home refueling use only, but this will require the installation of a second meter at the customer's expense.

#### **NGV Home Refueling Appliances**

NGV refueling appliances have been available for a number of years in the U.S. and Canada. One vehicle refueling appliance manufacturer<sup>5</sup> has recently developed a compressed natural gas (CNG) refueling appliance for home installation. These home refueling appliances can be installed within the customers' premises and they provide gas service much like any other customer appliance. The unit was introduced in California through several Honda dealers in April 2005. A small number of units are being field tested in California. Other manufacturers are working on similar technology, and it is expected that other appliances will be developed and marketed in the future.

The unit described above has been certified by CSA International, formerly the American Gas Association (AGA), on February 4, 2005, for U.S. outdoor and indoor use. (See letter of certification in Attachment D). That manufacturer is working with building officials in California and other states, and is providing field demonstrations in various cities in an effort to gain universal acceptance by local building officials, especially for in-garage installations. Before installation of this or any similar device by customers, local permits will be required. SoCalGas does not warrant this or any similar home fueling appliance and accepts no responsibility for their installation, operation, maintenance or safety.

Customers who wish to opt for SoCalGas' new tariff Schedule No. G-NGVR will be solely responsible for the purchase and installation of a certified NGV refueling appliance, including any modifications of the customer's houseline piping, as well as any cost associated with any upsizing, meter changes, etc. as needed in accordance with SoCalGas Rule No. 21 required to make the safe operation of the device possible.

#### Rationale for the New Tariff

In support of the market development for home refueling appliances, SoCalGas proposes a residential NGV Home Refueling rate, <u>without</u> subsidies, consistent with state Public Utility Code statutes (PU Code 740.3). Customers that sign up for the NGV Home Refueling rate will be able to purchase gas at a reduced rate compared to their current residential transportation rate, reflecting the increased throughput at their residence due to NGV home refueling. It is expected that a residential refueling rate will facilitate the

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<sup>&</sup>lt;sup>5</sup> FuelMaker is the manufacturer of a CNG refueling appliance named "Phill" for home installation.

promotion of alternate fuels by making refueling of the vehicle very convenient and costeffective.

This support for NGV development is positively viewed by NGV industry groups, NGV manufacturers, CARB, local air districts, CEC and other environmental stakeholders. Since the home refueling will use the same infrastructure already existing to provide residential gas service, home refueling of NGVs will enable a more efficient use of the existing distribution and transmission infrastructure.

This new tariff will apply for both the NGV refueling use as well as the standard gas service provided for residential appliances, such as space heaters, water heaters, dryers, cook tops, BBQs, etc. The utility views the NGV home refueling device as another "appliance" used by its customers. Additionally, SoCalGas' offering of this new rate is consistent with PG&E's advice letter filing (Advice 2679-G/2739-E, November 18, 2005) and SDG&E's proposed filing of a similar NGV Home Refueling rate.

#### **Customer Benefits**

NGV home refueling appliances offer the following significant consumer benefits:

- Convenience of refueling at home when needed;
- Use of HOV lanes with single occupant;
- Statewide progress toward petroleum independence;
- Clean air benefits;
- Portability; and
- Quiet operation

Installation both inside and outside the garage is possible, depending on local building and safety codes.

#### **Eligibility and Enrollment**

The NGV Home Refueling rate will be available as an option to all residential customers currently billed on the GR/GRL and GT-R/GT-RL tariff rates as contained in Schedule No. GR. Before enrollment, the customer must provide a Notice of Intent to Install a Natural Gas Vehicle Home Refueling Appliance (see Attachment E), which notifies the Utility of the intent to install a NGV home refueling appliance while providing written consent to evaluate the gas quality in their area in order to determine whether the area complies with State gas quality requirements for NGVs.

The NGV home Refueling rate will <u>not</u> be made available in areas with non CARB-compliant gas (principally San Joaquin Valley and Central Coast). Additionally, master metered and sub-metered customers will not be eligible for this rate.

Customers will be able to sign up for the NGV Home Refueling rate by completing the Authorization to Change Residential Rate – NGV Home Refueling (Form 6150) as shown in Attachment B, and affirming that they 1) currently own/lease a natural gas vehicle for their home use, 2) have installed a natural gas home refueling appliance at their home address, and 3) possess all necessary building and safety permits as required by their local officials for the safe operation of their home refueling appliance. Customers will be required to submit a copy of the relevant inspection certificate from their local officials.

Monthly renewal will be automatic after the first year unless the customer on the NGV Home Refueling rate informs the utility that he/she wants to return to his/her previous residential rate.

#### **Vehicle Fuel Taxes**

Customers choosing this new rate will be responsible to remit associated State and Federal vehicle use fuel taxes to the appropriate government entities responsible for the collection of such levies. The utility supplies only uncompressed gas, and is therefore not responsible to collect federal or state fuel use taxes. Customers can satisfy the California fuel tax requirement by paying an annual flat rate tax to the State Board of Equalization. Currently, passenger vehicles are charged a flat fee of \$36 per year<sup>6</sup>.

#### **Customer Communication**

Customers will be notified of the availability of the NGV Home Refueling Rate through information provided to NGV home refueling device manufacturers and NGV dealers. Pertinent information and forms will also be made available on SoCalGas' web site.

#### **Rate Design Issues**

This new optional, experimental NGV Home Refueling rate is designed to recover all costs of providing this service from the group of customers who will utilize this rate. The rate-setting process includes the following elements:

- Establishment of a separate customer class:
- Full cost recovery from this new customer class;
- Customer charge of \$10 / month;
- Single Tier Volumetric Rate to promote NGV home refueling usage, based on the environmental and energy saving benefits;
- Residential rate determinants, plus marginal costs associated with the incremental home refueling volume:
  - Customer Costs all incremental costs (Home Refueling Appliance, installation, and all associated costs to safely install and operate the device) are paid by the customer;
  - Customer pays for any piping modifications, upsizing, meter changes, etc. as needed in accordance with SoCalGas Rule 21;
  - Distribution, Transmission, Other and Non-margin costs incremental Marginal Demand Measure (MDM) volume increases costs slightly.
  - Billing system changes and cost to communicate the availability of the new tariff.

#### **Supporting the Development of Low Emission Vehicles**

Developing a residential rate for NGVs <u>without</u> subsidies is consistent with statutes (PU Code 740.3). The NGV Home Refueling rate supports the development of the low emission vehicle fleet in California and is positively viewed by the NGV coalition, AQMD, and other environmental stakeholders (e.g., CALSTART) and, the Environmental Coalition

<sup>6</sup> California State Board of Equalization, "California Use Fuel Tax", Publication 12, August 2003.

consisting of the Natural Resources Defense Council, the Coalition for Clean Air, the Planning and Conservation League, and the American Lung Association. Furthermore, the Commission states in its "Decision Approving Funding for Low Emission Vehicles" (D.03-10-086):

"We also note that several other public agencies, including California Energy Commission (CEC) and the California Air Resources Board (CARB) support funding of IOU LEV programs in order to reduce air pollution and related health problems and to reduce our economy's dependence on petroleum and foreign oil. The Commission and the CEC have also recently adopted the Energy Action Plan, which calls for coordination by governmental agencies in their efforts to address the state's needs, including the use of natural gas." (D.03-10-086, page 3).

NGV home refueling will help achieve the goals articulated in the Energy Action Plan and will increase the efficient use of the utilities' gas infrastructure. The residential NGV Home Refueling rate will facilitate the promotion of NGVs by providing an additional selling point – convenient refueling at home. And finally, the proposed NGV Home Fueling rate is consistent with the recent filing from PG&E and the proposed filing from SDG&E.

#### Rate Impact

Assuming a penetration rate of 0.1% of all residential customers, the annual revenue effect of this new NGV Home Fueling rate is estimated at approximately \$200,000. The actual amount of additional revenue will be added to the Core Fixed Cost Account to reduce core customers' rates. Balances to this account are included in SoCalGas' annual regulatory account update filing each October, for inclusion in the subsequent year's rates. Impacts of this magnitude translate into average rate decreases of less than one-hundredth of a cent per therm for utility customers.

#### **Protest**

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and received within 20 days of the date of this Advice Letter. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division Attention: Tariff Unit 505 Van Ness Avenue San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of both Jerry Royer (<u>jir@cpuc.ca.gov</u>) and Honesto Gatchalian (<u>jnj@cpuc.ca.gov</u>) of the Energy Division. A copy of the protest shall also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Sid Newsom
Tariff Manager - GT14D6
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No. (213) 244-4957

E-Mail: <a href="mailto:snewsom@semprautilities.com">snewsom@semprautilities.com</a>

#### **Effective Date**

SoCalGas believes that this filing is subject to Energy Division disposition and therefore respectfully requests that this advice letter become effective February 1, 2006, which is more than 30 calendar days after the date filed. The proposed optional schedule will be updated to reflect SoCalGas' procurement rates at the time the rate schedule becomes effective in conjunction with SoCalGas' monthly procurement price filing.

#### **Notice**

A copy of this advice letter is being sent to the parties listed on Attachment A, which includes the service lists in A.02-03-047 (LEV) and A.02-12-027 (COS).

J. STEVE RAHON
Director
Tariffs and Regulatory Accounts

Attachments

## CALIFORNIA PUBLIC UTILITIES COMMISSION

### ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)			
Company name/CPUC Utility No. SOUTHERN CALIFORNIA GAS COMPANY/ U 904 G			
Utility type:	Jtility type: Contact Person: <u>Sid Newsom</u>		
☐ ELC ☐ GAS	Phone #: (213) 244-2846_		
☐ PLC ☐ HEAT ☐ WATER	E-mail: snewsom@	esemprautilities.com	
EXPLANATION OF UTILITY T	YPE	(Date Filed/ Received Stamp by CPUC)	
ELC = Electric GAS = Gas PLC = Pipeline HEAT = Heat	WATER = Water		
Advice Letter (AL) #: 3554-A			
Subject of AL: Supplemental - Natu	ural Gas Service for H	ome Refueling of Natural Gas Motor Vehicles	
Keywords (choose from CPUC listing	g): <u>Contracts, Con</u>	re, Transportation Rates	
AL filing type:   Monthly  Quarte	erly $\square$ Annual $oxtimes$ C	One-Time Other	
	•	cate relevant Decision/Resolution #:	
N/A			
	ected AL? If so, idea	ntify the prior AL <u>No</u>	
•		ithdrawn or rejected AL¹:	
N/A	•		
Resolution Required?  Yes  No			
Requested effective date: 2/1/06			
Estimated system annual revenue e		gible	
Estimated system average rate effec	σ ,		
	When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).		
Tariff schedules affected: Preliminary Statement Part II, Schedule G-NGVR, Sample Form Contracts and Table of Contents			
Service affected and changes proposed <sup>1</sup> :Establishment of new Schedule G-NGVR, Natural Gas			
Service for Home Refueling of Natural Gas Motor Vehicles			
Pending advice letters that revise the same tariff sheets: None			
Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:			
CPUC, Energy Division		outhern California Gas Company	
Attention: Tariff Unit		ttention: Sid Newsom	
505 Van Ness Avenue San Francisco, CA 94102		55 West Fifth Street, ML GT14D6 os Angeles, CA 90013-4957	
jjr@cpuc.ca.gov and jnj@cpuc.ca.gov		newsom@semprautilities.com	

 $<sup>^{\</sup>scriptscriptstyle 1}$  Discuss in AL if more space is needed.

#### **ATTACHMENT A**

#### Advice No. 3554-A

(See Attached Service Lists)

Aglet Consumer Alliance James Weil jweil@aglet.org

BP Amoco, Reg. Affairs Marianne Jones 501 West Lake Park Blvd.

Houston, TX 77079

CPUC

Consumer Affairs Branch 505 Van Ness Ave., #2003 San Francisco, CA 94102

CPUC - ORA
R. Mark Pocta
rmp@cpuc.ca.gov

Calpine Corp Avis Clark

aclark@calpine.com

City of Banning Paul Toor P. O. Box 998 Banning, CA 92220

City of Long Beach, Gas Dept. Chris Garner 2400 East Spring Street Long Beach, CA 90806-2385

City of Riverside

Joanne Snowden
jsnowden@riversideca.gov

Commerce Energy Glenn Kinser gkinser@commerceenergy.com

Commerce Energy Tony Cusati TCusati@commerceenergy.com Alcantar & Kahl Elizabeth Westby egw@a-klaw.com

Barkovich & Yap Catherine E. Yap ceyap@earthlink.net

CPUC

Energy Rate Design & Econ. 505 Van Ness Ave., Rm. 4002 San Francisco, CA 94102

CPUC - ORA Jacqueline Greig jnm@cpuc.ca.gov

City of Anaheim Ben Nakayama Public Utilities Dept. P. O. Box 3222 Anaheim, CA 92803

City of Burbank Fred Fletcher/Ronald Davis 164 West Magnolia Blvd., Box 631 Burbank, CA 91503-0631

City Attorney 200 North Main Street, 800 Los Angeles, CA 90012

City of Los Angeles

City of Vernon
Daniel Garcia
dgarcia@ci.vernon.ca.us

Commerce Energy
Lynelle Lund
Ilund@commerceenergy.com

Commerce Energy
Pat Darish
pdarish@commerceenergy.com

Alcantar & Kahl Kari Harteloo klc@a-klaw.com

Beta Consulting John Burkholder burkee@cts.com

CPUC - ORA Galen Dunham gsd@cpuc.ca.gov

California Energy Market Lulu Weinzimer Iuluw@newsdata.com

City of Azusa Light & Power Dept. 215 E. Foothill Blvd. Azusa, CA 91702

City of Colton Thomas K. Clarke 650 N. La Cadena Drive Colton, CA 92324

City of Pasadena - Water and Power Dept.

Robert Sherick

Nobell Slielick

rsherick@cityofpasadena.net

Commerce Energy
Gary Morrow
GMorrow@commer

**Commerce Energy** 

GMorrow@commerceenergy.com

Rommel Aganon RAganon@commerceenergy.com

County of Los Angeles
Stephen Crouch

1100 N. Eastern Ave., Room 300

Los Angeles, CA 90063

**Davis Wright Tremaine, LLP Davis Wright Tremaine, LLP Crossborder Energy** Christopher Hilen Edward W. O'Neill Tom Beach tomb@crossborderenergy.com chrishilen@dwt.com One Embarcadero Center, #600 San Francisco, CA 94111-3834 Davis, Wright, Tremaine **Dept. of General Services** Douglass & Liddell Judy Pau **Celia Torres** Dan Douglass judypau@dwt.com celia.torres@dgs.ca.gov douglass@energyattorney.com Downey, Brand, Seymour & Rohwer Douglass & Liddell Downey, Brand, Seymour & Rohwer Donald C. Liddell **Ann Trowbridge** Dan Carroll liddell@energyattorney.com atrowbridge@downeybrand.com dcarroll@downeybrand.com **Duke Energy North America** Dynegy **Gas Purchasing Melanie Gillette** Joseph M. Paul BC Gas Utility Ltd. mlgillette@duke-energy.com jmpa@dynegy.com 16705 Fraser Highway Surrey, British Columbia, V3S 2X7 **General Services Administration** Goodin, MacBride, Squeri, Ritchie & Goodin, MacBride, Squeri, Ritchie & Day, LLP Day, LLP **Facilities Management (9PM-FT)** J. H. Patrick James D. Squeri 450 Golden Gate Ave. hpatrick@gmssr.com isqueri@gmssr.com San Francisco, CA 94102-3611 **Imperial Irrigation District Hanna & Morton** JBS Energy Norman A. Pedersen, Esq. K. S. Noller Jeff Nahigian npedersen@hanmor.com P. O. Box 937 jeff@jbsenergy.com Imperial, CA 92251 Jeffer, Mangels, Butler & Marmaro **Kern River Gas Transmission Company LADWP** 2 Embarcaero Center, 5th Floor Janie Nielsen Nevenka Ubavich San Francisco, CA 94111 Janie.Nielsen@KernRiverGas.com nevenka.ubavich@ladwp.com **LADWP** Law Offices of Diane I. Fellman Law Offices of William H. Booth Diane Fellman William Booth Randy Howard wbooth@booth-law.com P. O. Box 51111, Rm. 956 diane\_fellman@fpl.com Los Angeles, CA 90051-0100 **MRW & Associates** Luce, Forward, Hamilton & Scripps **Manatt Phelps Phillips** John Leslie Robert Weisenmiller **Margaret Snow** ileslie@luce.com mrw@mrwassoc.com

**Manatt Phelps Phillips** 

rkeen@manatt.com

Randy Keen

Manatt, Phelps & Phillips, LLP

**David Huard** dhuard@manatt.com Msnow@manatt.com

**March Joint Powers Authority Lori Stone** 

PO Box 7480,

Moreno Valley, CA 92552

**Matthew Brady & Associates** 

Matthew Brady

**Praxair Inc** 

**Rick Noger** 

matt@bradylawus.com

rick\_noger@praxair.com

National Utility Service, Inc.

Jim Boyle

One Maynard Drive, P. O. Box 712

Park Ridge, NJ 07656-0712

**Questar Southern Trails** 

Lenard Wright

Lenard.Wright@Questar.com

Pacific Gas & Electric Co. John Clarke jpc2@pge.com

R. W. Beck, Inc.

Catherine Elder celder@rwbeck.com

Regulatory & Cogen Services, Inc.

Donald W. Schoenbeck 900 Washington Street, #780

Vancouver, WA 98660

Richard Hairston & Co.

Richard Hairston hairstonco@aol.com Southern California Edison Co

Fileroom Supervisor

2244 Walnut Grove Ave., Rm 290, GO1

Rosemead, CA 91770

Southern California Edison Co

Karyn Gansecki

601 Van Ness Ave., #2040 San Francisco, CA 94102

Southern California Edison Co.

Colin E. Cushnie

Colin.Cushnie@SCE.com

Southern California Edison Co.

Kevin Cini

Kevin.Cini@SCE.com

Southern California Edison Co.

John Quinlan

john.quinlan@sce.com

**Southern California Edison Company** 

Michael Alexander

Michael.Alexander@sce.com

Southwest Gas Corp.

John Hester P. O. Box 98510

Las Vegas, NV 89193-8510

**Suburban Water System** 

**Bob Kelly** 

1211 E. Center Court Drive

Covina, CA 91724

Sutherland, Asbill & Brennan

Keith McCrea

kmccrea@sablaw.com

**TURN** 

Marcel Hawiger

marcel@turn.org

**TURN** 

Mike Florio mflorio@turn.org

The Mehle Law Firm PLLC

Colette B. Mehle

cmehle@mehlelaw.com

**Trans Canada Ben Johnson** 

Ben\_Johnson@transcanada.com

**Trans Canada** John Roscher

john\_roscher@transcanada.com

**Western Manufactured Housing** 

Communities Assoc.

Sheila Day

sheila@wma.org

**CALIFORNIA ENERGY COMMISSION SUSAN BAKKER** 

sbakker@energy.state.ca.us

**CALIFORNIA AIR RESOURCES BOARD** 

ANALISA BEVAN abevan@arb.ca.gov **ALCANTAR & KAHL** DONALD E. BROOKHYSER

deb@a-klaw.com

**CALFORNIA ENERGY COMMISSION** 

**SUSAN BROWN** 

sbrown@energy.state.ca.us

LAW OFFICES OF MICHAEL A.

**CARTELLI** 

**MICHAEL A. CARTELLI** mcart108@earthlink.net **CALIF PUBLIC UTILITIES COMMISSION** 

**Eugene Cadenasso** cpe@cpuc.ca.gov

**NATURAL RESOURCES DEFENSE** 

COUNCIL

**ROLAND HWANG** rhwang@nrdc.org **SOUTHERN CALIFORNIA EDISON** 

**COMPANY** 

**ROBERT B. KEELER** robert.keeler@sce.com **CALSTART** MARK KRAGEN kragen1@pacbell.net

**GRUENEICH RESOURCE ADVOCATES** 

**JODY LONDON** 

ilondon@gralegal.com

**GRUENEICH RESOURCE ADVOCATES** 

JODY S. LONDON ilondon@gralegal.com **SEMPRA ENERGY** ALESSANDRA M. LONG amlong@sempra.com

**ONSITE ENERGY CORPORATION** 

FRANK J. MAZANEC

fmazanec@onsitenergy.com

HANNA AND MORTON LLP **NORMAN A. PEDERSEN** npedersen@hanmor.com

**CALIF PUBLIC UTILITIES COMMISSION** 

Myra J Prestidge tom@cpuc.ca.gov

**CALIFORNIA PUBLIC UTILITIES** 

COMMISSION JAMES E. SCARFF jes@cpuc.ca.gov

PACIFIC GAS AND ELECTRIC

COMPANY **GAIL L. SLOCUM** glsg@pge.com

**CALIFORNIA ENERGY COMMISSION** 

**LEIGH STAMETS** 

Istamets@energy.state.ca.us

**CALIF PUBLIC UTILITIES COMMISSION** 

James E. Scarff ies@cpuc.ca.gov **CALIF PUBLIC UTILITIES COMMISSION** 

Maria E. Stevens mer@cpuc.ca.gov **CALIFORNIA ENERGY COMMISSION** 

JENNIFER TACHERA jtachera@energy.state.ca.us

LIBERTY FUELS RAY TATE, JR.

raytatejr@cs.com

**CALIFORNIA PUBLIC UTILITIES** 

COMMISSION **TOM THOMPSON** ttt@cpuc.ca.gov

**ELLISON, SCHNEIDER & HARRIS** 

**GREGG WHEATLAND** glw@eslawfirm.com

**SOUTH COAST AIR QUALITY** 

MANGMNT DISTRICT **PAUL WUEBBEN** pwuebben@aqmd.gov **SEMPRA ENERGY UTILITIES** 

**MARZIA ZAFAR** 

mzafar@semprautilities.com

diane\_fellman@fpl.com

ADAMS ELECTRICAL SAFETY **ALCANTAR & KAHL LLP ENDEMAN, LINCOLN, TUREK & CONSULTING HEATER LLP** MICHAEL ALCANTAR **WILLIAM P. ADAMS** JAMES C. ALLEN mpa@a-klaw.com **716 BRETT AVENUE** jallen@elthlaw.com **ROHNERT PARK, CA 94928-4012** CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION **Jovce Alfton** Paul Angelopulo Bernard Ayanruoh alf@cpuc.ca.gov pfa@cpuc.ca.gov ben@cpuc.ca.gov SAN LUIS OBISPO MOTHERS FOR **BARKOVICH & YAP. INC.** MC CARTHY & BERLIN, LLP **PEACE** BARBARA R. BARKOVICH C. SUSIE BERLIN **ROCHELLE BECKER** brbarkovich@earthlink.net sberlin@mccarthylaw.com rochelle489@charter.net SOUTHWEST GAS COMPANY MANATT, PHELPS & PHILLIPS, LLP LAW OFFICE OF WILLIAM H. BOOTH **ROGER A. BERLINER** ANDREW WILSON BETTWY WILLIAM H. BOOTH rberliner@manatt.com andy.bettwy@swgas.com wbooth@booth-law.com **ELLISON, SCHNEIDER & HARRIS, LLP LATINO ISSUES FORUM** MCCRACKEN, BYERS & HAESLOOP, LLP ANDREW B. BROWN SUSAN E. BROWN DAVID J. BYERS, ESQ. abb@eslawfirm.com lifcentral@lif.org dbyers@landuselaw.com LOS ANGELES UNIFIED SCHOOL **CALIF PUBLIC UTILITIES COMMISSION NATURAL RESOURCES DEFENSE** COUNCIL DISTRICT Valerie Beck **ANDREW S. CHEUNG** SHERYL CARTER vjb@cpuc.ca.gov scarter@nrdc.org andrew.cheung@lausd.net **GOODIN MACBRIDE SQUERI RITCHIE CALIF PUBLIC UTILITIES COMMISSION CITY AND COUNTY OF SAN FRANCISCO** & DAY LLP Michael S Campbell **JOSEPH PETER COMO BRIAN T. CRAGG** msc@cpuc.ca.gov bcragg@gmssr.com joe.como@sfgov.org **WESTERN MANUFACTURED HOUSING CALIFORNIA PUBLIC UTILITIES DOUGLASS & LIDDELL COMMUNITIES** COMMISSION DANIEL W. DOUGLASS **SHEILA DEY** LOS ANGELES DOCKET OFFICE douglass@energyattorney.com sheila@wma.org LAdocket@cpuc.ca.gov **CALIF PUBLIC UTILITIES COMMISSION** THE TUILITY REFORM NETWORK CALIF PUBLIC UTILITIES COMMISSION **DANIEL EDINGTON Paul Douglas Phillip Enis** pje@cpuc.ca.gov psd@cpuc.ca.gov dedington@turn.org **FPL ENERGY, LLC** THE UTILITY REFORM NETWORK STEEFEL, LEVITT & WEISS, P.C. MARK FOGELMAN **DIANE I. FELLMAN ROBERT FINKELSTEIN** 

bfinkelstein@turn.org

mfogelman@steefel.com

THE UTILITY REFORM NETWORK CALIF PUBLIC UTILITIES COMMISSION **DEPARTMENT OF THE NAVY MATTHEW FREEDMAN** NORMAN J. FURUTA Julie A. Fitch freedman@turn.org norman.furuta@navy.mil jf2@cpuc.ca.gov **LATINO ISSUES FORUM** MANFRED F. GILDNER THE GREENLINING INSTITUTE **ENRIQUE GALLARDO** barontramp@aol.com **ROBERT GNAIZDA** enriqueg@lif.org robertg@greenlining.org **PACIFIC GAS AND ELECTRIC** THE UTILITY REFORM NETWORK LOWE'S COMPANIES, INC. **COMPANY HAYLEY GOODSON JEFFREY E. GRAY** PATRICK G. GOLDEN hayley@turn.org jeff.e.gray@lowes.com pqq4@pqe.com **CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION ARNOLD & PORTER** Patrick L. Gileau **Eric Green** JAMES I. HAM plg@cpuc.ca.gov eg1@cpuc.ca.gov James\_Ham@aporter.com **MORRISON & FOERSTER LLP** UTIL. WORKERS UNION OF AMERICA, THE UTILITY REFORM NETWORK AFL-CIO **MARCEL HAWIGER** PETER W. HANSCHEN **MARTA HARRIS** phanschen@mofo.com marcel@turn.org unionmarti@aol.com **ASSOCIATION OF CALIFORNIA** MANATT, PHELPS & PHILLIPS, LLP **CALIF PUBLIC UTILITIES COMMISSION WATER AGENCIES** DAVID L. HUARD Peter Hanson LON W. HOUSE dhuard@manatt.com pgh@cpuc.ca.gov lwhouse@innercite.com **CATHOLIC HEALTHCARE WEST** ADAMS, BROADWELL, JOSEPH & **ALCANTAR & KAHL, LLP CARDOZO DAVID JONES EVELYN KAHL** MARC D. JOSEPH djones2@chw.edu ek@a-klaw.com mdjoseph@adamsbroadwell.com **ELLISON, SCHNEIDER & HARRIS LLP DOUGLASS & LIDDELL** MANATT, PHELPS & PHILLIPS, LLP **RANDALL W. KEEN DOUGLAS K. KERNER GREGORY S.G. KLATT** rkeen@manatt.com dkk@eslawfirm.com klatt@energyattorney.com **CALIF PUBLIC UTILITIES COMMISSION LUCE, FORWARD, HAMILTON & CALIFORNIA FARM BUREAU** SCRIPPS, LLP **FEDERATION** Laura L. Krannawitter JOHN W. LESLIE **RONALD LIEBERT** Ilk@cpuc.ca.gov rliebert@cfbf.com ileslie@luce.com **CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION GOODIN MACBRIDE SQUERI RITCHIE** & DAY LLP Donald J. Lafrenz Douglas M. Long THOMAS J. MACBRIDE, JR. dlf@cpuc.ca.gov dug@cpuc.ca.gov tmacbride@gmssr.com **UTILITY WORKERS UNION OF JBS ENERGY DAVID MARCUS AMERICA BILL MARCUS** dmarcus2@sbcglobal.net **JAVIER MANZANO** bill@jbsenergy.com javier1@uwua132.org

**DAVID MARCUS** SUTHERLAND, ASBILL & BRENNAN SOUTHERN CALIFORNIA EDISON COMPANY **KEITH MCCREA** dmarcus2@sbcglobal.net FRANK MCNULTY keith.mccrea@sablaw.com francis.mcnulty@sce.com **SEMPRA ENERGY CALIFORNIA FARM BUREAU WESTERN MANUFACTURED HOUSING FEDERATION** COMM. SVCS. **KEITH W. MELVILLE** KAREN NORENE MILLS **IRENE K. MOOSEN** kmelville@sempra.com kmills@cfbf.com irene@igc.org SAN FRANCISCO COMMUNITY POWER **CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION** COOP Laura A. Martin Richard A. Myers **STEVEN MOSS** Ira@cpuc.ca.gov ram@cpuc.ca.gov steven@moss.net **CALIFORNIA LEAGUE OF FOOD** PACIFIC GAS AND ELECTRIC SIERRA PACIFIC POWER CO. **PROCESSORS COMPANY DAVID NORRIS ROB NEENAN** ANDREW L. NIVEN dnorris@sppc.com rob@clfp.com aln2@pge.com CA DISABLED VETS BUSNSS ENTERP HANNA AND MORTON LLP **ANDERSON & POOLE ALLIANCE NORMAN A. PEDERSEN EDWARD G. POOLE KEVIN K. O'CONNOR** npedersen@hanmor.com epoole@adplaw.com kkolabs@earthlink.net **CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION** Robert M. Pocta Anne W. Premo Nicolas B Procos rmp@cpuc.ca.gov awp@cpuc.ca.gov nbp@cpuc.ca.gov **CALIF PUBLIC UTILITIES COMMISSION PACIFIC GAS AND ELECTRIC CALIFORNIA DVBE ALLIANCE** COMPANY DANIEL W. ROBERTS Terrie D. Prosper MICHAEL REIDENBACH tdp@cpuc.ca.gov danielwroberts@hmpage.com jmrb@pge.com ALCANTAR & ELSESSER **CALIFORNIA CABLE & UTILITY CONSUMERS' ACTION TELECOMMNICATIONS NETWORK NORA E. SHERIFF GLENN SEMOW MICHAEL SHAMES** nes@a-klaw.com gsemow@calcable.org mshames@ucan.org **GOODIN MACBRIDE SQUERI RITCHIE** KERN RIVER GAS TRANSMISSION SEMPRA ENERGY & DAY LLP COMPANY **GLEN J. SULLIVAN** JAMES D. SQUERI RICHARD N. STAPLER, JR. qsullivan@sempra.com jsqueri@gmssr.com richard.stapler@kernrivergas.com **CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION CALIFORNIA ENERGY COMMISSION** Danilo E. Sanchez Laura Lei Strain JENNIFER TACHERA des@cpuc.ca.gov lls@cpuc.ca.gov jtachera@energy.state.ca.us

DOWNEY, BRAND, SEYMOUR &

**ROHWER** 

ANN L. TROWBRIDGE

atrowbridge@downeybrand.com

**CALIF PUBLIC UTILITIES COMMISSION** 

Pamela T. Thompson ptt@cpuc.ca.gov

**CALIF PUBLIC UTILITIES COMMISSION** 

Laura J. Tudisco ljt@cpuc.ca.gov

**CALIFORNIA DEPARTMENT OF** 

WATER RESROURCE ANDREW ULMER aulmer@water.ca.gov THE GREENLINING INSTITUTE

**CHRIS VAETH** 

chrisv@greenlining.org

**SEMPRA** 

**RONALD VAN DER LEEDEN** 

rvanderleeden@semprautilities.com

PACIFIC GAS AND ELECTRIC

**COMPANY** 

**CHRISTOPHER J. WARNER** 

cjw5@pge.com

**AGLET CONSUMER ALLIANCE** 

JAMES WEIL jweil@aglet.org

ALCANTAR & KAHL, LLP ELIZABETH WESTBY

egw@a-klaw.com

CALIFORNIA ENERGY COMMISSION

**BILL WOOD** 

bwood@energy.state.ca.us

**LOCAL 483 UTILITY WORKERS UNION** 

DENNIS ZUKOWSKI dennis@local483.org

MODESTO IRRIGATION DISTRICT

PO BOX 4060

MODESTO, CA 95352

#### ATTACHMENT B Advice No. 3554-A

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 40094-G	PRELIMINARY STATEMENT, PART II, SUMMARY OF RATES AND CHARGES, Sheet 1	Revised 39876-G Revised 40063-G
Original 40095-G	Schedule No. G-NGVR, NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES, (Includes G-NGVR, G- NGVRC, GT-NGVR, G-NGVRL and GT- NGVRL Rates), Sheet 1	Original 39877-G
Original 40096-G	Schedule No. G-NGVR, NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES, (Includes G-NGVR, G- NGVRC, GT-NGVR, G-NGVRL and GT- NGVRL Rates), Sheet 2	Original 39878-G
Original 40097-G	Schedule No. G-NGVR, NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES, (Includes G-NGVR, G- NGVRC, GT-NGVR, G-NGVRL and GT- NGVRL Rates), Sheet 3	Original 39879-G
Original 40098-G	Schedule No. G-NGVR, NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES, (Includes G-NGVR, G- NGVRC, GT-NGVR, G-NGVRL and GT- NGVRL Rates), Sheet 4	Original 39880-G
Original 40099-G	SAMPLE FORMS - CONTRACTS, Authorization to Change Residential Rate, NGV Home Refueling (Form 6150), Sheet 1	Original 39881-G
Revised 40100-G	TABLE OF CONTENTS	Revised 39882-G Revised 40091-G
Revised 40101-G	TABLE OF CONTENTS	Revised 39883-G Revised 39745-G
Revised 40102-G	TABLE OF CONTENTS	Revised 39884-G Revised 40093-G

Revised

CAL. P.U.C. SHEET NO.

40094-G 39876-G

Los angeles, california canceling Revised cal. p.u.c. sheet no. 39876-G 40063-G

# PRELIMINARY STATEMENT <u>PART II</u> <u>SUMMARY OF RATES AND CHARGES</u>

Sheet 1

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#### RESIDENTIAL CORE SERVICE

Schedule GR (Includes GR, GR-C, GT-R, GRL and GT-RL Rates)

	Baseline	Non-Baseline	Customer Charge
	<u>Usage</u>	<u>Usage</u>	per meter, per day
GR <sup>(1)</sup>	121.484¢	139.745¢	16.438¢
GR-C <sup>(2)</sup>	120.175¢	138.436¢	16.438¢
GT-R	27.548¢	45.809¢	16.438¢
GRL <sup>(3)</sup>	81.109¢	95.718¢	13.151¢
GT-RL <sup>(3)</sup>		36.647¢	13.151¢

Schedule G-NGVR (Includes G-NGVR, G-NGVRC, GT-NGVR, G-NGVRL and GT-NGVRL Rates)

	All	Customer Charge
	Usage	per meter, per day
G-NGVR <sup>(1)</sup>	109.008¢	32.877¢
G-NGVRC <sup>(2)</sup>	107.699¢	32.877¢
GT-NGVR		32.877¢
G-NGVRL <sup>(3)</sup>	71.128¢	26.301¢
GT-NGVRL <sup>(3)</sup>	12.058¢	26.301¢

## RESIDENTIAL CORE SALES SERVICE (1) (2) Commodity Charge

#### Schedules GS & GM

Baseline Usage	121.484¢
Non-Baseline Usage	139.745¢
Cross-Over Rate Baseline Usage	
Cross-Over Rate Non-Baseline Usage	138.436¢

Customer Charge: 16.438¢/meter/day

#### Schedule GMB

Baseline Usage	113.934¢
Non-Baseline Usage	121.939¢
Cross-Over Rate Baseline Usage	
Cross-Over Rate Non-Baseline Usage	120.630¢
G	·

Customer Charge: \$9.842/meter/day

#### Schedule GSL

Baseline Usage	81.109¢
Non-Baseline Usage	95.718¢
Cross-Over Rate Baseline Usage (GSL only)	92.256¢
Cross-Over Rate Non-Baseline Usage (GSL only)	106.865¢
G	

Customer Charge: 13.151¢/meter/day

- (1) The residential core procurement charge as set forth in Schedule No. G-CP is 93.253¢/therm which includes the core brokerage fee.
- (2) The residential cross-over rate as set forth in Schedule No. G-CP is 91.944¢/therm which includes the core brokerage fee.
- (3) The CARE rate reflects a 20% discount on all customer, commodity, and transportation charges.

(Continued)

(TO BE INSERTED BY UTILITY) ADVICE LETTER NO. 3554-A DECISION NO.

ISSUED BY

Lee Schavrien

Vice President

Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 30, 2005
EFFECTIVE Feb 1, 2006
RESOLUTION NO.

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#### Schedule No. G-NGVR

Sheet 1

## NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES (Includes G-NGVR, G-NGVRC, GT-NGVR, G-NGVRL and GT-NGVRL Rates)

#### **APPLICABILITY**

The G-NGVR rate is applicable to natural gas procurement service to individually metered residential customers who have an installed natural gas vehicle (NGV) home refueling appliance, as set forth in Special Conditions 3 and 5.

The G-NGVRC, cross-over rate, is a core procurement option for individually metered residential core transportation customers with annual consumption over 50,000 therms, as set forth in Special Condition 10

The GT-NGVR rate is applicable to Core Aggregation Transportation (CAT) service to individually metered residential customers, as set forth in Special Condition 11.

The G-NGVRL procurement rate and GT-NGVRL (CAT) rates are applicable to income-qualified households that meet the requirements for the California Alternate Rates for Energy (CARE) Program as set forth in Schedule No. G-CARE. The CARE discount of 20% is reflected in the G-NGVRL and GT-NGVRL rates shown below. Pursuant to D.05-10-043 and D.05-11-027 additional discounts from possible hedging benefits and from cushion gas withdrawal will be applied during December 2005 through March 2006.

#### **TERRITORY**

Applicable throughout the service territory.

#### **RATES**

	<u>G-NGVR</u>	<u>G-NGVRC</u>	<u>GT-NGVR</u>
Customer Charge, per meter per day	32.877¢	32.877¢	32.877¢
Rate, per therm			
Procurement Charge 1/	93.253¢	91.944¢	N/A
Transmission Charge 2/	<u>15.755¢</u>	15.755¢	15.072¢
Commodity Charge	109.008¢	107.699¢	15.072¢

<sup>&</sup>lt;sup>1/</sup> This charge is applicable to Utility Procurement Customers and includes the G-CPR Procurement Charge as shown in Schedule No. G-CP, which is subject to change monthly, as set forth in Special Condition 7.

(Continued)

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. 3554-A

Lee Schavrien

DATE FILED

Dec 30, 2005

Feb 1, 2006

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RESOLUTION NO.

<sup>&</sup>lt;sup>2/</sup> This charge for G-NGVR and G-NGVRC customers is equal to the GT-NGVR Transmission Charge (excluding the El Paso Settlement proceeds refund to core aggregation customers pursuant to D.03-10-087) plus the procurement carrying cost of storage inventory charge.

Original Original CAL. P.U.C. SHEET NO. CAL. P.U.C. SHEET NO.

40096-G 39878-G

#### Schedule No. G-NGVR

Sheet 2

#### NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES (Includes G-NGVR, G-NGVRC, GT-NGVR, G-NGVRL and GT-NGVRL Rates)

(Continued)

#### RATES (Continued)

	Rates for CARE	E-Eligible Customers
	G-NGVRL	GT-NGVRL
Customer Charge, per meter per day	26.301¢	26.301¢
Rate, per therm		
Procurement Charge	58.524¢	N/A
Transmission Charge	<u>12.604¢</u>	12.058¢
Commodity Charge	71.128¢	12.058¢

#### Minimum Charge

The Minimum Charge shall be the applicable monthly Customer Charge.

#### **Additional Charges**

Rates may be adjusted to reflect any applicable taxes, franchise fees or other fees, regulatory surcharges, and interstate or intrastate pipeline charges that may occur.

#### SPECIAL CONDITIONS

- 1. Definitions: The definitions of principal terms used in this schedule are found either herein or in Rule No. 1. Definitions.
- 2. Number of Therms: The number of therms to be billed shall be determined in accordance with Rule No. 2.
- 3. Required Contract: As a condition precedent to service under this schedule, an executed NGV Home Refueling Authorization Agreement (Form 6150) shall be required. As part of the Agreement, the customer certifies that he qualifies under the terms and conditions of this schedule.
- 4. <u>CPUC Oversight</u>: All contracts, rates, and conditions are subject to revision and modification as a result of CPUC order.
- 5. CARB Fuel Regulations: Due to California Air Resources Board (CARB) fuel specification regulations, the Utility may not be able to provide natural gas for motor vehicle refueling in some areas of its service territory. Therefore customers intending to provide or use natural gas as a motor vehicle fuel must inform and obtain written approval from the Utility prior to such provision or use. The Utility will determine which areas of its service territory can satisfy CARB fuel regulations for the provision of NGV service and whether the Utility can provide natural gas for this purpose.

(Continued)

(TO BE INSERTED BY UTILITY) 3554-A ADVICE LETTER NO. DECISION NO.

ISSUED BY Lee Schavrien Vice President

Regulatory Affairs

(TO BE INSERTED BY CAL. PUC) Dec 30, 2005 DATE FILED Feb 1, 2006 EFFECTIVE RESOLUTION NO.

CAL. P.U.C. SHEET NO. CAL. P.U.C. SHEET NO.

40097-G 39879-G

#### Schedule No. G-NGVR

Sheet 3

#### NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES (Includes G-NGVR, G-NGVRC, GT-NGVR, G-NGVRL and GT-NGVRL Rates)

(Continued)

#### SPECIAL CONDITIONS (Continued)

- 6. <u>Interruption of Service</u>: Service under this schedule is subject to interruption in whole or in part without notice in case of actual or anticipated shortage of natural gas resulting from an insufficient supply, inadequate transmission or delivery capacity or facilities or storage requirements. The Utility will not be liable for damages occasioned by interruption of service supplied under this schedule. Such interruption of service shall be made in accordance with Rule No. 23.
- 7. Rate Changes: The Utility will file core procurement rate changes on the last business day of each month to become effective on the first calendar day of the following month, except the Cross-Over Rate (G-NGVRC), which will be filed on or before the 9<sup>th</sup> calendar day of each month to be effective on the 10<sup>th</sup> calendar day of each month.
- 8. Utility Service Agreement: As a condition precedent to receiving Core Aggregation Transportation service under this schedule, the customer's ESP must submit a Direct Access Service Request (DASR).
- 9. Term of Service: The contract term for service under this rate schedule shall be for a minimum of one year. After the initial one-year term, the contract will continue on a month-to-month basis until terminated by either party on written notice. For customers served under the G-NGVRC rate, see Special Condition 10.
- 10. Procurement Option for Core Aggregation Transportation Customers: Residential core aggregation transportation customers receiving service through an ESP under the GT-NGVR rate with consumption over 50,000 therms in the last 12 months and who transferred from procuring their gas commodity from an ESP to Utility Procurement Service shall be subject to the terms and conditions applicable to the Cross-Over Rate, as defined in Schedule No. G-CP.
- 11. Transportation-Only Service Option: The GT-NGVR and GT-NGVRL rates are available to core customers with a minimum usage of 250,000 therms annually, either through an individual meter or from a group of end-use meters, where each end-use meter is classified as core usage and located within the Utility's service territory. Core customers who do not meet the above minimum may opt to aggregate their loads with other core customers and receive core aggregation service as set forth in Rule No. 32. Customers electing this service option must make arrangements for the purchase and delivery of gas supplies to the SoCalGas system to be transported by the Utility.
- 12. Gas Transportation Rules: Transportation service under this schedule is subject to the terms and conditions established in Rule No. 30, Transportation of Customer-Owned Gas, and Rule No. 32, Core Aggregation Transportation.

(Continued)

(TO BE INSERTED BY UTILITY) 3554-A ADVICE LETTER NO. DECISION NO.

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Regulatory Affairs

RESOLUTION NO.

(TO BE INSERTED BY CAL. PUC) Dec 30, 2005 DATE FILED Feb 1, 2006 **EFFECTIVE** 

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CAL. P.U.C. SHEET NO.

LOS ANGELES, CALIFORNIA CANCELING

CAL. P.U.C. SHEET NO.

40098-G 39880-G

Sheet 4

# Schedule No. G-NGVR NATURAL GAS SERVICE FOR HOME REFUELING OF MOTOR VEHICLES (Includes G-NGVR, G-NGVRC, GT-NGVR, G-NGVRL and GT-NGVRL Rates)

(Continued)

#### **SPECIAL CONDITIONS** (Continued)

- 13. <u>Gas Imbalance Service</u>: Transportation Imbalance Service shall be provided to the customer's ESP under Schedule No. G-IMB.
- 14. <u>Customer Responsible for Billing under Core Aggregation Transportation</u>: The customer is ultimately responsible for the payment of billing charges assessed to the customer's aggregator for services rendered under this schedule. See Rule No. 32 for further details.
- 15. <u>Change of Customer's Apparatus or Equipment</u>: In the event customers make any material change, either in the amount or character of their gas equipment, written notice to SoCalGas must be made in accordance with Rule No. 29, Change of Customer's Apparatus or Equipment.

(TO BE INSERTED BY UTILITY) ADVICE LETTER NO. 3554-A DECISION NO.

ISSUED BY
Lee Schavrien
Vice President

Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 30, 2005
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RESOLUTION NO.

#### SOUTHERN CALIFORNIA GAS COMPANY Original

40099-G CAL. P.U.C. SHEET NO. LOS ANGELES, CALIFORNIA CANCELING Original CAL. P.U.C. SHEET NO. 39881-G

SAMPLE FORMS - CONTRACTS <u>Authorization to Change Residential Rate</u> <u>NGV Home Refueling (Form 6150)</u>	Sheet 1
(See Attached Form)	

(TO BE INSERTED BY UTILITY) 3554-A ADVICE LETTER NO. DECISION NO.

ISSUED BY Lee Schavrien Vice President

Regulatory Affairs

(TO BE INSERTED BY CAL. PUC) DATE FILED Dec 30, 2005 Feb 1, 2006 **EFFECTIVE** RESOLUTION NO.



## AUTHORIZATION TO CHANGE RESIDENTIAL RATE NGV HOME REFUELING

Dear Customer:

Thanks for your interest in installing a Natural Gas Vehicle (NGV) Home Refueling Appliance (HRA) at your residence. Clean-burning NGVs are great for the environment, and they help reduce our dependence on oil. We applaud your efforts in supporting a cleaner, healthier environment.

As a residential customer of The Gas Company, you now have a special residential NGV rate option that is available. All you have to do is check one of the following options, complete the rest of this form, and fax or mail it to the contact below. Enroll me in the new optional residential NGV rate (G-NGVR)\*. I understand my customer charge will be increased to \$10 per month, and all my gas use will be charged at this new lower rate\*. Do not change my rate. I would like to continue with my current residential rate (GR)\* for all my gas use, including my NGV home refueling. Additionally, you also have the option of using a commercial NGV rate (G-NGV)\*. However, this would require installation of a second meter. Please contact our Customer Contact Center at (800) 427 4400 for information. \_\_\_\_\_\_ NAMF. MAILING ADDRESS: DAYTIME PHONE NUMBER: GAS COMPANY 11 DIGIT ACCOUNT NO. (As it appears on your gas bill) ADDRESS OF INSTALLATION: By signing this affidavit, I hereby affirm all of the following: I currently own / lease a natural gas vehicle for my home use. I have installed a natural gas home refueling appliance at the above address I possess all necessary building and safety permits required for the safe operation of my home refueling appliance. I have attached a copy of the relevant inspection report from my local authorities. I understand The Gas Company may require documents to support this affidavit at any time. Failure to provide documents may result in appropriate action, including suspension of gas service to my residence. Additionally, I agree to promptly inform The Gas Company within 10 days if I no longer possess the NGV or the home refueling appliance mentioned above. Signature: Date: \_\_\_\_\_\_ Mail or Fax this completed form to: The Gas Company

\*Information regarding our tariffs may be obtained at our website: <a href="www.socalgas.com">www.socalgas.com</a>; go to Regulatory, Tariffs.

555 W 5<sup>th</sup> St. GT11D5 Los Angeles CA 90013-1032 Fax# 213-244-8070

Mass Markets Billing—Attention: Martha Ingram

LOS ANGELES, CALIFORNIA CANCELING

40091-G

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(Continued)

Schedule Number	<u>Title of Sheet</u>	Cal. P.U.C. Sheet No.
GR	Residential Service	
GS	Multi-Family Service Submetered	
GT-S	Core Aggregation Transportation for Multi-Fan	
GM	Submetered Service	
GT-M	Core Aggregation Transportation for	21100 G 20000 G 2544 G 20225 G
	Multi-Family Service	31180-G,39998-G,37646-G,38335-G 36800-G,31184-G
GMB	Large Multi-Family Service	· · · · · · · · · · · · · · · · · · ·
GT-MB	Core Aggregation Transportation for	10000 0 10001 0 0 0 10 0 0 0 0 0 0
	Large Multi-Family Service	40003-G,40004-G,37649-G,35659-G 38337-G,36657-G
GSL	Submetered Multi-Family Service,	36337-G,36037-G
	Income Qualified	
GT-SL	Core Aggregation Transportation Submetered M	39794-G,39795-G,39796-G
01 52	Service, Income Qualified	
		39798-G,36805-G
G-CARE	California Alternate Rates for Energy (CARE)	Program
GO-SSA	Summer Saver Optional Rate for Owners of	39239-G,39200-G,39201-G,39800-G
00 2211	Existing Gas Equipment 39617-G	,40075-G,37655-G,37656-G,31253-G
GTO-SSA	Transportation-Only Summer Saver Optional R	
CO CCD	Existing Gas Equipment	
GO-SSB	SummerSaver Optional Rate for Customers Pur Repairing Inoperable Equip 39620-G	
GTO-SSB	Transportation-Only SummerSaver Optional Ra	
	Repairing Inoperable Equip 38568-G	
GO-AC	Optional Rate for Customers Purchasing New C Air Conditioning Equipment 38623-G	
GTO-AC	Transportation-Only Optional Rate for Custome	ers Purchasing New Gas
G-NGVR	Air Conditioning Equipment 38572-G Natural Gas Service for Home Refueling of Mo G-NGVRC, GT-NGVR, G-NGVRL and GT	tor Vehicles (Includes G-NGVR,
		•

(Continued)

(TO BE INSERTED BY UTILITY) ADVICE LETTER NO.  $$3554\mbox{-}A$$  DECISION NO.

1H9

ISSUED BY
Lee Schavrien
Vice President
Regulatory Affairs

 $\begin{array}{c} \text{(TO BE INSERTED BY CAL. PUC)} \\ \text{DATE FILED} & \underline{Dec~30,~2005} \\ \text{EFFECTIVE} & \underline{Feb~1,~2006} \\ \text{RESOLUTION NO.} \end{array}$ 

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40101-G 39883-G

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LOS ANGELES, CALIFORNIA CANCELING Revised

39745-G

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(Continued)

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Optional Rate Agreement and Affidavit (Form 6662, 04/01)	33449-G
Continuous Service Agreement (Form 6558-D, 09/05)	39715-G
Consulting Services Agreement (Form 6440, 11/05)	39741-G
Access to the SoCalGas Pipeline System	
Confidentiality Agreement (Form 6410, 11/05)	39742-G
Access to the SoCalGas Pipeline System	
Collectible System Upgrade Agreement (Form 6420, 11/05)	39743-G
On-Bill Financing Loan Agreement (Form 7150, 11/05)	.39864-G
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Commercial/Industrial Service (Form 77-2, 06/05)	39326-G

#### **Collection Notices**

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Meter Closed for Nonpayment (Form 5101, 06/99)	36787-G
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(Continued)

(TO BE INSERTED BY UTILITY) ADVICE LETTER NO. 3554-A DECISION NO.

ISSUED BY Lee Schavrien Vice President

Regulatory Affairs

(TO BE INSERTED BY CAL. PUC) Dec 30, 2005 DATE FILED Feb 1, 2006 EFFECTIVE RESOLUTION NO.

Revised Revised CAL. P.U.C. SHEET NO. CAL. P.U.C. SHEET NO.

40102-G 39884-G 40093-G

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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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Title Page	
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Part III Cost Allocation and Revenue Requirement 27024-G,37920-G,27026-G,27027-G,39989-G	ř
Part IV Income Tax Component of Contributions and Advances	ł
Part V Description of Regulatory Accounts-Balancing	j
Part VI Description of Regulatory Accounts-Memorandum	j
Part VII Description of Regulatory Accounts-Tracking	
Part VIII Gas Cost Incentive Mechanism (GCIM)	
Part IX Hazardous Substances Mechanism (HSM)	ŗ
Part X Global Settlement	ŗ

(Continued)

(to be inserted by utility) advice letter no.  $$354\mbox{-}A$  decision no.

ISSUED BY

Lee Schavrien

Vice President

Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)

DATE FILED Dec 30, 2005

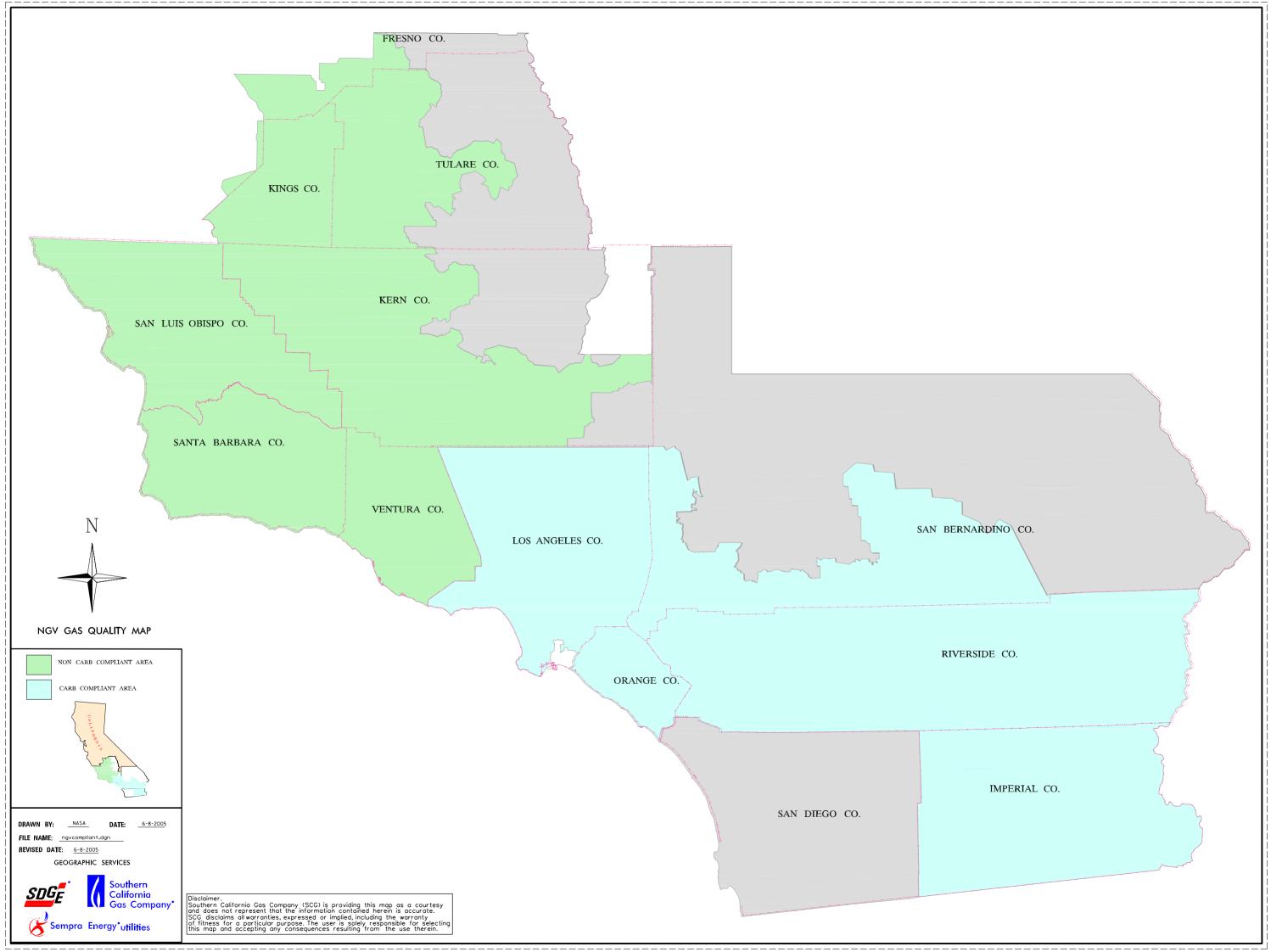
EFFECTIVE Feb 1, 2006

RESOLUTION NO.

#### ATTACHMENT C

#### Advice No. 3554-A

**NGV Gas Quality Map** 



#### ATTACHMENT D

#### Advice No. 3554-A

**CSA International Letter of Certification** 



Project 159937- 1594284 February 4, 2005

Mr. Ralph Rackham V.P. Research and Engineering FuelMaker Corporation 70 Worcester Road Toronto, Ontario M9W 5X2

Subject: Vehicle Refuelling Appliance, Model PHILL, For U.S. Outdoor and/or Garage Use

Dear Mr. Rackham,

We have pleasure informing you that the subject equipment, incorporating modifications found necessary during the course of our evaluation, has been determined to comply with the applicable U.S. certification requirements. This equipment is therefore eligible to bear the CSA Monogram with the US indicator and the CSA Blue Star Certification Marks in accordance with instructions contained in previous correspondence.

This letter will serve as advance authorization for you to apply the CSA Marks until you receive our formal Certificate of Compliance, Certification Record and Descriptive and Test Report, or until we instruct you otherwise.

Yours truly,

Joe Favot, P.Eng.

Senior Engineer - Fuels Group

Tel: (416) 747-4243

Fax: (416) 747-4149

e-mail: joe.favot@csa-international.org

copy: Tony Lui, CSA

John Skinner, CSA

Robert Chautems, FuelMaker

Milan Shah, FuelMaker

Tracey Demaline, FuelMaker

#### ATTACHMENT E

#### Advice No. 3554-A

# Notice of Intent to Install a Natural Gas Vehicle Home Refueling Appliance



#### NOTICE OF INTENT TO INSTALL A NATURAL GAS VEHICLE HOME REFUELING APPLIANCE

Dear Customer:

Thank you for your interest in installing a natural gas vehicle (NGV) home refueling appliance at your residence. Clean-burning NGVs are great for the environment, help reduce our dependence on oil, and they are cost-effective. We applied your efforts in supporting a healthier, cleaner environment.

The Gas Company® must evaluate the gas quality at any proposed refueling location to ensure

compliance with state regulations. Once confirmed, The Gas Company can provide service for NGV home refueling appliance installations. To verify your proposed installation site complies with this requirement, please complete this form and fax or mail it to the contact below. \_\_\_\_\_ NAMF: MAILING ADDRESS: ( )\_\_\_-DAYTIME PHONE NUMBER: GAS COMPANY 11 DIGIT ACCOUNT NO. (As it appears on your gas bill) ADDRESS OF INSTALLATION: I hereby wish to notify Southern California Gas Company (The Gas Company®) that I intend to install a NGV home refueling appliance at the above address. I understand that by signing below, I am providing The Gas Company my written consent to evaluate the gas quality in my area and determine whether it complies with the state's gas quality requirements for NGVs. I further understand that I may not install a NGV home refueling appliance if I do not provide this written consent, or if the gas quality in my area is evaluated and found not to comply with the state gas quality requirements for NGVs. Signature: Date:

Mail or Fax this completed form to:

The Gas Company
Attn: NGV Gas Quality Assessment Program
ML GT15E4, 555 W. 5<sup>th</sup> St., Los Angeles, CA 90013
FAX 213-244-5039

We will process applications in the same order in which they arrive. Once we confirm gas compliance at your proposed location, we will let you know so that you can schedule an appointment through our

customer service center. Please check with the installer, retailer or manufacturer for any

requirements or regulations regarding the appliance you are installing.

For Int	ternal Use Only:
	NGV refueling installation site complies with the California Air Resources Board
	(CARB) requirements. Gas service can be provided for the NGV home refueling appliance.
	NGV refueling installation site does not comply with the CARB requirements. Gas
	service cannot be provided for the NGV home refueling appliance.

#### ATTACHMENT F

Advice No. 3554-A

Schedule G-NGVR Rate Calculation Workpapers

#### **SOUTHERN CALIFORNIA GAS COMPANY**

TRANSPORTATION RATES PER DECEMBER 30, 2005 ADVICE NO. 3554-A, EFFECTIVE FEBRUARY 1, 2006 PROCUREMENT RATES PER DECEMBER 30, 2005 CORE MONTHLY PRICING ADVICE NO. 3574 CROSS-OVER PROCUREMENT RATES PER DECEMBER 7, 2005 CORE MONTHLY PRICING ADVICE NO. 3560 PROPOSED RESIDENTIAL NGV RATES TO BE EFFECTIVE FEBRUARY 1, 2006

Cushion/Hedging CARE Discount	16.078				
Sales Only CCSI	0.051				
SF Residential NGV:	Transmission 1	CAT Adjustm't <sup>2</sup>	Adj. Trans. (1+2)	WACOG <sup>3</sup>	Total Rate (3+4)
	(¢/therm)	(¢/therm)	(¢/therm)	(¢/therm)	(¢/therm)
G-NGVR	15.123	0.632	15.755	93.253	109.008
G-NGVRL⁴	12.098	0.506	12.604	58.524	71.128
GT-NGVR	15.072		15.072		15.072

0.632

12.058

15.755

91.944

12.058

107.699

•		
Residential NGV Customer Charge	32.877 Regular	26.301 Low Income
(cents per meter per day)		

12.058

15.123

GT-NGVRL⁴

G-NGVRC (Cross-Over)

<sup>1.</sup> Charges to transport gas differs for transportation and procurement customers: El Paso interstate pipeline demand charge is included for transportation & procurement customers. However, the sales related Carrying Cost of Storage Inventory is excluded from transportation-only customers.

<sup>2. 24-</sup>month El Paso Settlement proceeds transmission charge refund for CAT customers, except NGV, per D.03-10-087 and Advice Nos. 3416/3538-A begins January 1, 2005.

<sup>3.</sup> Monthly Forecast Cost of Gas includes core brokerage fee and monthly PGA adjustment.

<sup>4.</sup> California Alternate Rates for Energy (CARE) program -- 20% discount on rates for qualifying customers. Pursuant to D.05-10-043 and D.05-11-027 additional discounts from possible hedging benefits and from cushion gas withdrawal will be applied during December 2005 through March 2006.

#### Calculation of SoCalGas Residential NGV Fuelmaker Rates

Usage Per Day Per Home (therm/day)	1.3	
Days per Month x	30.3	
Illustrative Total NGV Usage Per Home (therm/month)	38.2	459 th/yr.
Illustrative Assumption of % of Res. Households Having NGV refueling at home	4,696	0.1%
Annual Fuelmaker Volume (mth/yr)	2,154	
Monthly Fuelmaker Volume (mth/mo.)	179	
Daily Fuelmaker Volume (mth/day)	5.9	

Nov 1, 2005 Rate Costs	Res.	Res.+ FM		Re	es. Per cust.	Per FM Cust.	
Customer Costs (\$1,000)	\$ 557,426	\$ 557,446	9	5	118.71	\$ 122.97	
Distribution Costs (\$1,000)	\$ 434,572	\$ 434,632	9	5	92.55	\$ 105.38	
Transmission Costs (\$1,000)	\$ 34,985	\$ 34,999	9	6	7.45	\$ 10.44	
Storage Costs (\$1,000)	\$ 66,446	\$ 66,503	9	5	14.15	\$ 26.24	
Other Margin Costs (\$1,000)	\$ 21,622	\$ 21,624	9	6	4.60	\$ 5.02	
Nonmargin Costs (\$1,000)	\$ 18,177	\$ 18,192	5	5	3.87	\$ 7.14	
Total Revenue Requirement (\$1,000)	\$ 1,133,227	\$ 1,133,396	3	5	241.33	\$ 277.20	
Adopted Throughput (mth/yr)	2,546,852	2,549,006			2,546,852	4,701	
Adopted Customers	4,695,661	4,695,661			4,695,661	4,696	
Avg. Annual Use per Res. Acct. (th/yr)	542	543			542	1,001	
Avg. Mo. Use per Res. Acct. (th/mo.)	45	45			45	83	
Avg. Daily Use per Res. Acct. (th/day)	1.49	1.49			1.49	2.75	
Transportation Rate (\$/therm)	\$ 0.445	\$ 0.445	9	5	0.445	\$ 0.277	-38%
Illustrative Avg. Annual Procurement Rate (\$/th WACOG) <sup>1</sup>	\$ 1.046	\$ 1.046	5	6	1.046	\$ 1.046	
Total Natural Gas Rate (\$/therm)	\$ 1.491	\$ 1.491	3	5	1.491	\$ 1.323	-11%
			II				

Note 1: Illustrative WACOG represents forecast of 2006 average (Source: SoCalGas 2005 Gas PPP Surcharge Rate Update (A.L. 3543)

Rate under	Customer	Charge/Volumetric	Rate Structure

Target Average Rate on Volumetric Basis (\$/therm)	\$ 1.491	\$ 1.491	\$ 1.491	\$ 1.323	
Total Monthly Usage per Account (th/mo.)	45	45	45	83	
Amount Due Per Account (\$/mo.)	\$ 67.41	\$ 67.45	\$ 67.41	\$ 110.39	-
Less Customer Charge (\$/mo.)	\$5.00	\$5.00	\$5.00	\$5.00	
Remainder to Collect Volumetrically (\$/mo.)	\$ 62.41	\$ 62.45	\$ 62.41	\$ 105.39	-
Monthly Usage (th/mo.)	45	45	45	83	
Volumetric Rate (inc. illust. WACOG)	\$ 1.381	\$ 1.381	\$ 1.381	\$ 1.263	<u>-</u> '
Resulting Rates and Charges					
Monthly Customer Charge	\$5.00	\$5.00	\$5.00	\$5.00	
Bundled Volumetric Rate (excluding CCSI and CAT refund)	\$ 1.381	\$ 1.381	\$ 1.381	\$ 1.263	-8%
Transport Only Volumetric Rate w/o CCSI and CAT refund				0.21698	
CAT Refund Rate				(0.00632)	
Transport Only Volumetric Rate with CAT refund				0.21066	
CCSI Rate				0.00051	
Bundled Volumetric Transport Rate (including CCSI)				0.21749	
Bundled Volumetric Rate				1.26390	
				Total Annual	

	\$	1.323	
		83	
	\$	110.39	
		\$10.00	
	\$	100.39	
		83	
	\$	1.203	
		\$10.00	
	\$	1.203	-13%
		0.15704	
		(0.00632)	
		0.15072	
		0.00051	
		0.15755	
		1.20396	
CFC	CAF	Rate Impact	

cts/therm

(0.005)

Revenue

Increase(\$)

168,428