



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 31, 2003

Advice No. 3333
(U 904 G)

Public Utilities Commission of the State of California

Subject: December 2003 Buy-Back Rates

Southern California Gas Company (SoCalGas) hereby submits for filing revisions to its tariff schedules, applicable throughout its service territory, as shown on Attachment B.

Purpose

This routine monthly filing updates the Buy-Back Rates in Schedule No. G-IMB for December 2003.

Background

As authorized in Schedule No. G-IMB - Transportation Imbalance Service, the Buy-Back Rates are established effective the last day of each month.

The Buy-Back Rates will be the lower of 1) the lowest incremental cost of gas purchased by Utility during the month the imbalance was incurred; or 2) 50% of the applicable Adjusted Core Procurement Charge, G-CPA, set forth in Schedule No. G-CP, during the month such excess imbalance was incurred¹.

Information

During the month of December 2003, 50% of the Adjusted Core Procurement Charge, G-CPA, is lower than the lowest incremental cost of gas. Therefore, the Buy-Back Rates for December 2003 are being set accordingly. The workpaper showing details of the calculation of these rates is incorporated herein as Attachment C.

¹ Pursuant to D.01-12-018, service is no longer offered under the Core Subscription Program. Core subscription rates are no longer applicable and will not be updated effective December 1, 2003. Therefore, the Buy-Back Rate can no longer be calculated using the Core Subscription Procurement Charge. As of December 2003, the Buy-Back Rate will be calculated using the new Adjusted Core Procurement Charge, G-CPA, set forth in Schedule No. G-CP, as approved in Advice No. 3268.

The new rates are reflected in the attached Schedule No. G-IMB tariff sheets.

Pursuant to Resolution G-3316, the December 2003 Standby Procurement Charges will be filed by separate advice letter at least one day prior to January 25, 2003.

Protest

Anyone may protest this Advice Letter to the California Public Utilities 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 must be received within 20 days of the date 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:

Energy Division - IMC Branch
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of both Jerry Royer (jjr@cpuc.ca.gov) and to Honesto Gatchalian (ijnj@cpuc.ca.gov) of the Energy Division. A copy of the protest should 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: snewsom@SempraUtilities.com

Effective Date

It is requested that the tariff sheets filed herein be made effective December 31, 2003 to coincide with SoCalGas' Adjusted Core Procurement Charge filing in Advice No. 3315, dated November 26, 2003.

Notice

In accordance with Section III.G of General Order No. 96-A, a copy of this advice letter is being sent to the parties listed on Attachment A.

J. STEVE RAHON
Director
Tariffs and Regulatory Accounts

Attachments

ATTACHMENT A

Advice No. 3333

(See Attached Service List)

ACN Energy
Gary Morrow
GMorrow@acninc.com

ACN Energy
Tony Cusati
tony.cusati@acnenergy.com

ACN Inc.
Glenn Kinser
gkinser@acninc.com

Aglet Consumer Alliance
James Weil
jweil@aglet.org

Alcantar & Kahl
Elizabeth Westby
egw@a-klaw.com

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

AFRPA/DD McClellan Attn: L. Baustian
3411 Olson Street, Room 105
McClellan, CA 95652-1003

BP Amoco, Reg. Affairs
Marianne Jones
501 West Lake Park Blvd.
Houston, TX 77079

BP EnergyCo.
J. M. Zaiontz
Zaiontj@bp.com

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

Berliner, Camdon & Jimison
John Jimison
johnj@bcjlaw.com

Beta Consulting
John Burkholder
burkee@cts.com

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

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

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

California Energy Market
Lulu Weinzimer
luluw@newsdata.com

Calpine Corp
Avis Clark
aclark@calpine.com

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

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

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

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

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

City of Glendale
Larry Silva
lsilva@ci.glendale.ca.us

City of Lompoc
H. Paul Jones
100 Civic Center Plaza
Lompoc, CA 93438

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

City of Los Angeles
City Attorney
1700 City Hall East
Los Angeles, CA 90012

City of Pasadena
Manuel A. Robledo
150 S. Los Robles Ave., #200
Pasadena, CA 91101

City of Riverside
Stephen Aronson
saronson@ci.riverside.ca.us

City of Vernon
Kenneth J. DeDario
kdedario@ci.vernon.ca.us

Coral Energy
Walter Cinibulk
wcinibulk@coral-energy.com

County of Los Angeles
Stephen Crouch
1100 N. Eastern Ave., Room 300
Los Angeles, CA 90063

Davis Wright Tremaine, LLP
Christopher Hilen
chrishilen@dwt.com

Dept. of General Services
Celia Torres
celia.torres@dgs.ca.gov

Downey, Brand, Seymour & Rohwer
Phil Stohr
pstohr@dbsr.com

Deniese Earley
deniese.earley@dgs.ca.gov

Energy Law Group, LLP
Diane Fellman
difellman@energy-law-group.com

General Services Administration
Facilities Management (9PM-FT)
450 Golden Gate Ave.
San Francisco, CA 94102-3611

Jacqueline Greig
jnm@cpuc.ca.gov

Imperial Irrigation District
K. S. Noller
P. O. Box 937
Imperial, CA 92251

LADWP
Nevenka Ubavich
nubavi@ladwp.com

Crossborder Energy
Tom Beach
tomb@crossborderenergy.com

Davis Wright Tremaine, LLP
Edward W. O'Neill
One Embarcadero Center, #600
San Francisco, CA 94111-3834

Dan Douglass
douglass@energyattorney.com

Downey, Brand, Seymour & Rohwer
Dan Carroll
dcarroll@dbsr.com

Edson & Modisette
1015 K Street,, #200
Sacramento, CA 95814

Enserch Gas Marketing, Inc.
Cathy Hawes
353 Sacramento, St., Suite 400
San Francisco, CA 94111

Goodin, MacBride, Squeri, Ritchie &
Day, LLP
J. H. Patrick
hpatrick@gmssr.com

Hanna & Morton
Norman A. Pedersen, Esq.
npedersen@hanmor.com

JBS Energy
Jeff Nahigian
jeff@jbsenergy.com

LADWP
Randy Howard
P. O. Box 51111, Rm. 956
Los Angeles, CA 90051-0100

Pat Darish
pdarish@acninc.com

Davis, Wright, Tremaine
Judy Pau
judypau@dwt.com

Downey, Brand, Seymour & Rohwer
Ann Trowbridge
atrowbridge@dbsr.com

Dynegy
Joseph M. Paul
jmpa@dynegy.com

Energy Law Group, LLP
Andrew Skaff
askaff@energy-law-group.com

Gas Purchasing
BC Gas Utility Ltd.
16705 Fraser Highway
Surrey, British Columbia, V3S 2X7

Goodin, MacBride, Squeri, Ritchie &
Day, LLP
James D. Squeri
jsqueri@gmssr.com

David Huard
dhuard@manatt.com

Jeffer, Mangels, Butler & Marmaro
2 Embarcaero Center, 5th Floor
San Francisco, CA 94111

Law Offices of William H. Booth
William Booth
wbooth@booth-law.com

Luce, Forward, Hamilton & Scripps
John Leslie
jleslie@luce.com

MRW & Associates
Robert Weisenmiller
mrw@mrwassoc.com

Matthew Brady & Associates
Matthew Brady
matt@bradylawus.com

National Utility Service, Inc.
Jim Boyle
One Maynard Drive, P. O. Box 712
Park Ridge, NJ 07656-0712

PG&E
Anita Smith
aws4@pge.com

PG&E
Sue Shaw
sxs9@pge.com

PG&E
Todd Novak
tsn2@pge.com

PG&E
Sharon Tatai
skt2@pge.com

PG&E National Energy Group
Eric Eisenman
eric.eisenman@neg.pge.com

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

Praxair Inc
Rick Noger
rick_noger@praxair.com

Questar Southern Trails
Lenard Wright
Lenard.Wright@Questar.com

Ramesh Ramchandani
rxr@cpuc.ca.gov

Regulatory & Cogen Services, Inc.
Donald W. Schoenbeck
900 Washington Street, #780
Vancouver, WA 98660

Richard Hairston & Co.
Richard Hairston
hairstonco@aol.com

William Scott
wms@cpuc.ca.gov

Southern California Edison Co
Fileroom Supervisor
2244 Walnut Grove Ave., Room 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
cushnice@sce.com

Southern California Edison Co.
John Quinlan
john.quinlan@sce.com

Southern California Edison Co.
Kevin Cini
cinikr@sce.com

Southwest Gas Corp.
Edward Zub
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

Transwestern Pipeline Co.
Kelly Allen
kelly.allen@enron.com

Vandenberg AFB
Ken Padilla
ken.padilla@vandenberg.af.mil

White & Case
Regulatory Affairs
regaffairs@sf.whitecase.com

ATTACHMENT B
Advice No. 3333

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 37307-G	PRELIMINARY STATEMENT, PART II, SUMMARY OF RATES AND CHARGES, Sheet 6	Revised 37216-G
Revised 37308-G	Schedule No. G-IMB, TRANSPORTATION IMBALANCE SERVICE, Sheet 2	Revised 37217-G
Revised 37309-G	Schedule No. G-IMB, TRANSPORTATION IMBALANCE SERVICE, Sheet 3	Revised 37112-G
Revised 37310-G	TABLE OF CONTENTS	Revised 37222-G
Revised 37311-G	TABLE OF CONTENTS	Revised 37223-G

PRELIMINARY STATEMENT
 PART II
SUMMARY OF RATES AND CHARGES

Sheet 6

(Continued)

PROCUREMENT CHARGE (Continued)

Schedule GW-LB, GW-SD, GW-SWG and GW-VRN

Core Subscription Procurement Charge, per therm 42.797¢

CORE SUBSCRIPTION RESERVATION CHARGE

Schedule G-CS, GW-LB, GW-SD, GW-SWG and GW-VRN

Rate, per therm 3.382¢

IMBALANCE SERVICE

Standby Procurement Charge

Core Retail Standby (SP-CR)

October, 2003 73.664¢
 November, 2003 94.926¢
 December, 2003 TBD*

Noncore Retail Standby (SP-NR)

October, 2003 73.729¢
 November, 2003 94.991¢
 December, 2003 TBD*

Wholesale Standby (SP-W)

October, 2003 73.729¢
 November, 2003 94.991¢
 December, 2003 TBD*

Buy-Back Rate

Core and Noncore Retail (BR-R)

October, 2003 21.319¢
 November, 2003 21.370¢
 December, 2003 22.905¢

Wholesale (BR-W)

October, 2003 21.215¢
 November, 2003 21.266¢
 December, 2003 22.793¢

* To be determined (TBD). Pursuant to Resolution G-3316, the December 2003 Standby Procurement Charge will be filed by separate advice letter at least one day prior to January 25, 2004.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 3333
 DECISION NO. 89-11-060 & 90-09-089,
 6H7 et al.

ISSUED BY
Lee Schavrien
 Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 31, 2003
 EFFECTIVE Dec 31, 2003
 RESOLUTION NO. _____

D
T
D
T
D
T
D
I
D
I
T
T

Schedule No. G-IMB
TRANSPORTATION IMBALANCE SERVICE

Sheet 2

(Continued)

RATES (Continued)

Standby Procurement Charge

This charge is applied to customer's cumulative negative transportation imbalance (confirmed transportation deliveries less actual usage) exceeding the 10 percent tolerance band. The Standby Procurement Charge is posted at least one day in advance of each corresponding imbalance trading period for noncore/wholesale and core transport agents (CTAs). It is calculated at 150% of the highest daily border price index at the Southern California border beginning on the first day of the month that the imbalance is created to five days prior to the start of each corresponding imbalance trading period plus a Brokerage Fee of 0.266¢ per therm for noncore retail service and all wholesale service, and 0.201¢ per therm for core retail service. The highest daily border price index is an average of the highest prices from "NGI's Daily Gas Price Index – Southern California Border Average" and "Gas Daily's Daily Price Survey – SoCal gas, large pkgs Midpoint."

Core Retail Service:

SP-CR Standby Rate, per therm

October, 2003	73.664¢	D
November, 2003	94.926¢	
December, 2003	TBD*	T

Noncore Retail Service:

SP-NR Standby Rate, per therm

October, 2003	73.729¢	D
November, 2003	94.991¢	
December, 2003	TBD*	T

Wholesale Service:

SP-W Standby Rate per therm

October, 2003	73.729¢	D
November, 2003	94.991¢	
December, 2003	TBD*	T

* To be determined (TBD). Pursuant to Resolution G-3316, the December 2003 Standby Procurement Charge will be filed by separate advice letter at least one day prior to January 25, 2004.

Buy-Back Rate

This rate is applied to customer's cumulative positive transportation imbalance (confirmed transportation deliveries less actual usage) exceeding the 10 percent tolerance band. The Buy-Back Rate is established effective the last day of each month and will be the lower of 1) the lowest incremental cost of gas purchased by Utility during the month the excess imbalance was incurred; or 2) 50% of the applicable Adjusted Core Procurement Charge, G-CPA, set forth in Schedule No. G-CP, during the month such excess imbalance was incurred.

(Continued)

Schedule No. G-IMB
TRANSPORTATION IMBALANCE SERVICE

Sheet 3

(Continued)

RATES (Continued)

Buy-Back Rate (Continued)

Retail Service:

BR-R Buy-Back Rate, per therm

October, 2003	21.319¢
November, 2003	21.370¢
December, 2003	22.905¢

Wholesale Service:

BR-W Buy-Back Rate, per therm

October, 2003	21.215¢
November, 2003	21.266¢
December, 2003	22.793¢

If the incremental cost of gas is the basis for the Standby or Buy-Back Rates, Utility will provide CPUC the necessary work papers for such cost. Such documentation will be provided under confidentiality pursuant to General Order 66-C and Section 583 of the Public Utilities Code.

Daily Balancing Standby Rates

During November through March customers are required to deliver (flowing supply and firm storage withdrawal) at a minimum of 50% of burn during a five-day period. Volumes not in compliance with the 50% five-day minimum delivery requirement are purchased at the daily standby rate. The daily balancing standby rate is calculated as 150% of the highest Southern California Border price during the five-day period as published in "NGI's *Daily Gas Price Index*" including authorized franchise fees and, for retail customers, uncollectible expenses (F&U), and an authorized brokerage fee.

When the Utility's total inventory in storage declines to the "peak day minimum + 20 Bcf trigger", the minimum daily delivery requirement increases to 70%. The five-day period no longer applies. The daily balancing standby rate is 150% of the highest Southern California Border price per NGI's *Daily Gas Price Index* for the day (including F&U and brokerage fee) and is applied to each day's deliveries which are less than the 70% delivery requirement.

When the Utility's total inventory in storage declines to the "peak day minimum + 5 Bcf trigger", the minimum delivery requirement increases to 90% daily. Similar to the 70% regime, the five-day period no longer applies. The daily balancing standby rate is 150% of the highest Southern California Border price per NGI's *Daily Gas Price Index* for the day (including F&U and brokerage fee) and is applied to each day's deliveries which are less than the 90% delivery requirement.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 3333
 DECISION NO. 89-11-060 & 90-09-089,
 et al.

ISSUED BY
Lee Schavrien
 Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 31, 2003
 EFFECTIVE Dec 31, 2003
 RESOLUTION NO. _____

D
I
D
I

TABLE OF CONTENTS

(Continued)

GT-SD	Intrastate Transmission Service	36164-G,30593-G,30594-G,36311-G
GT-PS	Peaking Service	36215-G,36216-G,36217-G,36218-G 36219-G,36220-G,35955-G,35956-G,35957-G
GW-LB	Wholesale Natural Gas Service	37062-G,35885-G,36731-G,32678-G,32679-G 32680-G,35958-G
GW-SD	Wholesale Natural Gas Service	37063-G,36166-G,36732-G 32685-G,35959-G
GW-SWG	Wholesale Natural Gas Service	37064-G,35887-G,32689-G 32690-G,35960-G
GW-VRN	Wholesale Natural Gas Service	37065-G,35888-G,36733-G 32695-G,32696-G,35961-G
G-IMB	Transportation Imbalance Service	36312-G,37311-G,37312-G,37220-G 37221-G,36313-G,33498-G
G-ITC	Interconnect Access Service	32698-G,32699-G
G-BSS	Basic Storage Service	32700-G,32701-G,32702-G,32703-G 32704-G,32705-G,32706-G,32707-G
G-AUC	Auction Storage Service	32708-G,32709-G,32710-G,32711-G 32712-G,32713-G,36314-G,32715-G
G-LTS	Long-Term Storage Service	32716-G,32717-G,32718-G,32719-G 32720-G,32721-G,32722-G,32723-G
G-TBS	Transaction Based Storage Service	32724-G,32725-G,27374-G,27375-G 31929-G,36315-G,27378-G
G-CBS	UDC Consolidated Billing Service	34071-G,34072-G,34073-G,33095-G
G-PPPS	Tax Surcharge to Fund Public Purpose Programs	36106-G,34262-G
G-SRF	Surcharge to Fund Public Utilities Commission Utilities Reimbursement Account	36110-G
G-MHPS	Surcharge to Fund Public Utilities Commission Master Metered Mobile Home Park Gas Safety Inspection and Enforcement Program	32828-G
G-MSUR	Transported Gas Municipal Surcharge	36621-G,25006-G
GIT	Interruptible Interutility Transportation	24567-G,24568-G
GLT	Long-Term Transportation of Customer-Owned Natural Gas	24569-G,24570-G,24571-G
GLT-1	Transportation of Customer-Owned Natural Gas	24572-G,24573-G,24574-G 24575-G,24576-G,24577-G
GLT-2	Transportation of Customer-Owned Natural Gas	24578-G,24579-G,24580-G 24581-G,24582-G,24583-G
G-LOAN	Hub Loaning	36169-G
G-PRK	Hub Parking	36170-G
G-WHL	Hub Service	36171-G
G-FIG	Fiber Optic Cable in Gas Pipelines	37005-G,37006-G,37007-G,37008-G 37009-G,37010-G,37011-G,37012-G,37013-G

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 3333
 DECISION NO. 89-11-060 & 90-09-089,
 347 et al.

ISSUED BY
Lee Schavrien
 Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 31, 2003
 EFFECTIVE Dec 31, 2003
 RESOLUTION NO. _____

T

TABLE OF CONTENTS

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.

<u>GENERAL</u>	<u>Cal. P.U.C. Sheet No.</u>
Title Page	21888-G
Table of Contents--General and Preliminary Statement	37314-G,36176-G
Table of Contents--Service Area Maps and Descriptions	28516-G
Table of Contents--Rate Schedules	37178-G,37179-G,37313-G
Table of Contents--List of Cities and Communities Served	36976-G
Table of Contents--List of Contracts and Deviations	36976-G
Table of Contents--Rules	36626-G,36627-G
Table of Contents--Sample Forms	36794-G,37017-G,37018-G,37071-G,36796-G

PRELIMINARY STATEMENT

Part I General Service Information	24331-G,24332-G,24333-G,24334-G,24749-G
Part II Summary of Rates and Charges	37160-G,37161-G,37162-G,36632-G,37163-G,37310-G 32491-G,32492-G,36109-G,37119-G,37120-G,36120-G,36121-G
Part III Cost Allocation and Revenue Requirement	27024-G,27025-G,27026-G,27027-G,36122-G
Part IV Income Tax Component of Contributions and Advances	36614-G,24354-G
Part V Description of Regulatory Accounts-Balancing	35874-G,34820-G,37003-G 37004-G,34822-G,34823-G,34824-G,34825-G,34826-G,34827-G,34682-G,35770-G,35874-G
Part VI Description of Regulatory Accounts-Memorandum	36866-G,34279-G,34280-G 34281-G,34282-G,34283-G,34284-G,34285-G,34286-G,34683-G,34684-G 34289-G,34290-G,34291-G,34829-G,34830-G,34831-G,35358-G,36867-G,36868-G
Part VII Description of Regulatory Accounts-Tracking	36022-G,34373-G,34374-G 34375-G,34376-G,34377-G,34378-G,34379-G,36023-G
Part VIII Gas Cost Incentive Mechanism (GCIM)	35876-G,35877-G,35878-G,36869-G 36870-G,35881-G
Part IX Hazardous Substances Mechanism (HSM)	26199-G,26200-G,26201-G
Part X Global Settlement	32530-G,32531-G,32532-G,32533-G

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 3333
 DECISION NO. 89-11-060 & 90-09-089,
 et al.
 1H6

ISSUED BY
Lee Schavrien
 Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 31, 2003
 EFFECTIVE Dec 31, 2003
 RESOLUTION NO. _____

T

T

T

ATTACHMENT C

ADVICE NO. 3333

**RATE CALCULATION WORKPAPER
BASED ON ADVICE NO. 3315
ADJUSTED CORE PROCUREMENT CHARGE FILING
EFFECTIVE DECEMBER 1, 2003**

Adjusted Core Procurement Charge:

Retail G-CPA: 45.809¢ per therm
(WACOG: 44.910¢ + Franchise and Uncollectibles:
0.899¢ or [2.0012% * 44.910¢])

Wholesale G-CPA: 45.586¢ per therm
(WACOG: 44.910¢ + Franchise:
0.676¢ or [1.5051% * 44.910¢])

G-IMB Buy-Back Rates:

BR-R = 50% of Retail G-CPA:
50% * 45.809 cents/therm = **22.905** cents/therm

BR-W = 50% of Wholesale G-CPA:
50% * 45.586 cents/therm = **22.793** cents/therm