

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



October 19, 2017

Advice Letter 3883-G

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

**SUBJECT: Revision to Gas Rule 21 (Transportation of Natural Gas) to update
In-Kind Shrinkage Allowance Adjustments for Backbone Transmission
and Distribution Service**

Dear Mr. Jacobson:

Advice Letter 3883-G is effective as of November 1, 2017.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Director, Energy Division



September 15, 2017

Advice 3883-G

(Pacific Gas and Electric Company ID U 39 G)

Public Utilities Commission of the State of California

Subject: Revision to Gas Rule 21 (Transportation of Natural Gas) to update In Kind Shrinkage Allowance Adjustments for Backbone Transmission and Distribution Service

Pacific Gas and Electric Company (PG&E) hereby submits for filing revisions to PG&E's gas Rule 21 — *Transportation of Natural Gas* to update the natural gas in-kind shrinkage allowances for backbone transmission and distribution service pursuant to Decision (D.) 03-12-061. The affected tariff sheets are listed on Attachment 1.

Purpose

In-kind shrinkage allowances collect the lost and unaccounted for gas and the utility fuel use attributable to the volume of natural gas received by PG&E for transmission, distribution and storage service. In D.03-12-061, the California Public Utilities Commission (Commission or CPUC) authorized PG&E to update the in-kind shrinkage allowances annually or as necessary at other times of the year to match the actual shrinkage experienced on PG&E's system. This is reflected in Gas Preliminary Statement Part C — *Gas Accounting Terms and Definitions*, Part C.12.c. and Gas Rule 21, which state that PG&E may adjust distribution, transmission and storage shrinkage annually through an advice letter compliance filing, or as necessary at other times of the year through a separate advice letter filing.

PG&E proposes revisions to its existing backbone transmission and distribution in-kind shrinkage allowances to be effective November 1, 2017.

Background

In Advice 3630-G, the Commission adopted PG&E's current transmission and distribution shrinkage base allowances effective November 1, 2015, to better match the 2016 shrinkage forecast. Based on the latest actual shrinkage data and to better match the actual shrinkage expected on PG&E's system for 2018, PG&E proposes an adjustment to the existing transmission and core seasonal distribution shrinkage

allowances to be effective November 1, 2017, as described herein.¹ The proposed shrinkage allowances are designed to recover PG&E’s current shrinkage forecast for 2018.

The proposed shrinkage rates eliminate the “adders” that were part of the 2016 rates. The adders were implemented as a temporary measure to reduce PG&E’s undercollected shrinkage balance. PG&E has made progress in this regard and the undercollection has been reduced. In addition, recent shrinkage actually experienced closely follows that of the prior base rates plus the adder rates; therefore, the proposed rates herein are similar to the sum of the old rates plus the adders. PG&E will monitor actual shrinkage to determine if further adjustments are warranted.

Annual Shrinkage Allowance Forecast Update

The proposed shrinkage allowances are calculated using PG&E’s latest forecast of shrinkage on its system and PG&E’s 2018 customer demand forecast from the 2016 California Gas Report. In addition, the core distribution in-kind shrinkage allowance, with separate seasonal allowances for winter season (November-March) and summer season (April-October), as adopted pursuant to D.11-04-031, will be adjusted accordingly. The proposed total in-kind shrinkage allowance, and individual components of the shrinkage base allowance and shrinkage adjustment allowance in this filing are shown in the following table:

Proposed Total In-kind Shrinkage Allowance

	Current Effective In-Kind Shrinkage Allowance	Proposed In-Kind Shrinkage Allowance	Proposed Total Change
Transmission – Redwood to Off-System	0.9%	0.9%	0.0%
Transmission – Mission to On/Off-System	0.0%	0.0%	0.0%
Transmission – All other backbone paths	1.2%	1.2%	0.0%
Distribution – Noncore	0.1%	0.2%	+0.1%
Distribution -Core Summer Season (Apr - Oct)	2.4%	1.8%	-0.6%
Distribution – Core Winter Season (Nov- Mar)	3.2%	3.5%	+0.3%

¹ On October 11, 2016, PG&E notified the California Public Utilities Commission Energy Division that no backbone and transmission shrinkage allowance changes were necessary at that time.

Distribution – Core (Annual) ² (for reference only)	2.9%	2.9%	0.0%
--	------	------	------

Based on the 2018 shrinkage forecast, PG&E estimates that the proposed in-kind shrinkage allowance will recover the forecasted shrinkage on PG&E's system. PG&E will continue to monitor any cumulative shrinkage imbalance and will adjust the shrinkage allowances through advice letter filings in the future, as necessary.

This filing will not affect any other rate or charge, cause the withdrawal of service, or conflict with any other rate schedule or rule. Workpapers supporting the proposed changes are included in Attachment 2 to this filing.

Tariff Revisions

The revised in-kind shrinkage allowances will be revised in Gas Rule 21, section B. (Quantities).

- The above revised backbone transmission shrinkage allowance percentages will be reflected in gas Rule 21 Section B.1.a.
- The above revised distribution shrinkage allowance percentages will be reflected in Gas Rule 21 B.1.b.

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, by facsimile or electronically, any of which must be received no later than October 5, 2017, which is 20 days from the date of this filing. Protests should be mailed to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

² Gas Accord V (GAV) (D.11-04-031) adopted a seasonal core distribution shrinkage allowance structure. The annual core distribution in-kind shrinkage allowance percentage is provided here as a reference only.

The protest also should be sent via U.S. Mail (and by facsimile and electronically, if possible) to PG&E at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

Effective Date

In order to provide gas transportation customers notice of the shrinkage change, PG&E requests that this Tier 2 advice filing be approved by October 16, 2017, which is 31 calendar days after the date of filing, with the tariffs effective on November 1, 2017. PG&E will inform gas transportation customers of the new shrinkage allowances on its Pipe Ranger Web site: <http://www.pge.com/pipeline/> once this filing is approved.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and/or via U.S. mail to parties shown on the attached list. Address changes to the General Order 96-B service list should be directed to PG&E at e-mail address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs>.

/S/

Erik Jacobson
Director – Regulatory Relations

Attachments

cc: Service List A.13-12-012

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. **Pacific Gas and Electric Company (ID U39 G)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Annie Ho

Phone #: (415) 973-8794

E-mail: AMHP@pge.com and PGETariffs@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **3883-G**

Tier: 2

Subject of AL: **Revision to Gas Rule 21 (Transportation of Natural Gas) to update In-Kind Shrinkage Allowance Adjustments for Backbone Transmission and Distribution Service**

Keywords (choose from CPUC listing): Compliance

AL filing type: Monthly Quarterly Annual One-Time Other _____

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: D.03-12-061

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL: _____

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for: No

Confidential information will be made available to those who have executed a nondisclosure agreement: N/A

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: _____

Resolution Required? Yes No

Requested effective date: **November 1, 2017**

No. of tariff sheets: **4**

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

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: **See Attachment 1**

Service affected and changes proposed: N/A

Pending advice letters that revise the same tariff sheets: N/A

Protests, dispositions, 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:

California Public Utilities Commission

Energy Division

EDTariffUnit

505 Van Ness Ave., 4th Flr.

San Francisco, CA 94102

E-mail: EDTariffUnit@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Erik Jacobson

Director, Regulatory Relations

c/o Megan Lawson

77 Beale Street, Mail Code B13U

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
33701-G	GAS RULE NO. 21 TRANSPORTATION OF NATURAL GAS Sheet 2	32269-G
33702-G	GAS RULE NO. 21 TRANSPORTATION OF NATURAL GAS Sheet 3	32270-G
33703-G	GAS TABLE OF CONTENTS Sheet 1	33699-G
33704-G	GAS TABLE OF CONTENTS Sheet 7	33644-G



GAS RULE NO. 21
TRANSPORTATION OF NATURAL GAS

Sheet 2

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

a. Backbone Transmission Shrinkage

A Customer transporting gas over PG&E's Backbone Transmission System shall deliver each day at the Receipt Point to PG&E an additional in-kind quantity of natural gas supply equal to a percent of total volume of natural gas to be delivered at the Receipt Point. Thus, the quantity to be nominated at the Receipt Point equals the quantity desired at the Delivery Point divided by (1 - x) where x is the decimal equivalent of the Backbone Transmission System In-Kind Shrinkage Allowance percentage, based on the transmission path utilized as follows:

Path	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance
Redwood to Off-System	0.9	-	0.9
Mission to On-System	0	-	0
Mission to Off-System	0	-	0
All other transmission	1.2 (I)	-(R)	1.2

Provided, however, that PG&E and the Customer shall not be prohibited under this Rule, where shrinkage requirements support a different shrinkage allowance, from mutually agreeing to a different shrinkage allowance for transportation over PG&E's Backbone Transmission System.

(Continued)



GAS RULE NO. 21
TRANSPORTATION OF NATURAL GAS

Sheet 3

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

b. Distribution Shrinkage

For transportation on PG&E's Distribution System, an additional In-Kind Shrinkage Allowance shall apply, which is separate from backbone transmission and storage shrinkage. The Customer shall deliver each day to PG&E at the Citygate an additional in-kind quantity of natural gas supply equal to a percent of the total volume of natural gas flowing through the End-Use Customer's meter. Thus, the quantity to be nominated at the Citygate equals the quantity to be flowed through the meter multiplied by (1 + y) where y is the decimal equivalent of the Distribution System In-Kind Shrinkage Allowance percentage, as follows:

End-Use Customer	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance
Core – Summer Season (April - October)	1.8 (R)	– (R)	1.8 (R)
Core – Winter Season (November – March)	3.5 (I)	– (R)	3.5 (I)
Noncore Distribution	0.2 (I)	–	0.2 (I)
Noncore Transmission*	–	–	–

As an example, for a Core End-Use Customer being served via the Redwood Path, the amount to be nominated at Malin is calculated as:

$$\text{Receipt Point Quantity} = \frac{\text{Est. Metered Usage} \times (1 + y)}{(1 - x)}$$

Where: x = decimal equivalent of the Backbone Shrinkage percentage, and

y = decimal equivalent of the Distribution Shrinkage percentage

* Noncore Transmission Level End-Use Customers or Agents require no Distribution System In-Kind Shrinkage Allowance.

(Continued)



GAS TABLE OF CONTENTS

Sheet 1

TITLE OF SHEET	CAL P.U.C. SHEET NO.	
Title Page	33703-G	(T)
Rate Schedules	33700,33692-G	
Preliminary Statements.....	33693,33255-G	
Preliminary Statements, Rules	33606-G	
Rules, Maps, Contracts and Deviations.....	33704-G	(T)
Sample Forms	31943,32986,32987,32886,32887,32888-G	

(Continued)

Advice 3883-G
Decision 03-12-061

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Date Filed September 15, 2017
Effective _____
Resolution _____



GAS TABLE OF CONTENTS

Sheet 7

RULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.
Rules		
Rule 19.1	California Alternate Rates for Energy for Individual Customers and Submetered Tenants of Master-Metered Customers.....	32049,33361,30445,28210-G
Rule 19.2	California Alternate Rates for Energy for Nonprofit Group-Living Facilities.....	32051,33362,17035,31217,30448-G
Rule 19.3	California Alternate Rates for Energy for Qualified Agricultural Employee Housing Facilities	32053,33363,31219,27256-G
Rule 21	Transportation of Natural Gas	27591, 33701, 33702 , 31872, 32557, 32558, 32559, 32560, 32561, 32562, 32563, 32564, 32565, 31955, 29231, 33640, 31957, 31958, 33641, 32874, 31960, 31961, 31962, 31963, 31964, 31965, 31575, 31576, 31577, 33212, 33213*, 33214-G
Rule 23	Gas Aggregation Service for Core Transport Customers	30871, 29675, 26664, 18265, 30872, 26666, 24825, 24826, 24827, 29677, 29678, 30873, 30874, 30875, 29681, 29682, 30876, 30877, 30878, 30879, 30880, 30881, 30882, 30883, 30884, 30885, 30886, 30887-G
Rule 25	Gas Services-Customer Creditworthiness and Payment Terms	28816, 28817, 28818, 28819, 28820, 28821, 28822, 28823, 28824, 28825, 28826, 28827, 28828-G
Rule 26	Standards of Conduct and Procedures Related to Transactions with Intracompany Departments, Reports of Negotiated Transactions, and Complaint Procedures. 29688, 29689, 29690, 31933-G	
Rule 27	Privacy and Security Protection for Energy Usage.....	30095, 30096, 30097, 30098, 30099, 30100, 30101, 30102, 30103, 30104, 30105, 30106, 30107, 30108, 30109, 30110, 30111-G
Rule 27.1	Access to Energy Usage and Usage-Related Data While Protecting Privacy of Personal Data	31387, 31388, 31389, 31390, 31391-G
Rule 28	Mobilehome Park Utility Upgrade Program	31772*, 21773, 31774, 31775, 31776-31777, 32133, 32134-G

(T)

Maps, Contracts and Deviations

SERVICE AREA MAPS:

Gas Service Area Map	31641-G
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LIST OF CONTRACTS AND DEVIATIONS:

..... 20211, 13247, 13248, 28466, 17112, 22437, 29938, 31542, 13254, 14426, 13808, 29284,
..... 20390, 16287, 29333, 29053, 29334, 14428, 13263, 14365, 32879, 33164, 16264, 13267-G

(Continued)

Advice 3883-G
September 15, 2017

Attachment 2

Redline Tariffs

GAS RULE NO. 21
 TRANSPORTATION OF NATURAL GAS

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

a. Backbone Transmission Shrinkage

A Customer transporting gas over PG&E's Backbone Transmission System shall deliver each day at the Receipt Point to PG&E an additional in-kind quantity of natural gas supply equal to a percent of total volume of natural gas to be delivered at the Receipt Point. Thus, the quantity to be nominated at the Receipt Point equals the quantity desired at the Delivery Point divided by (1 - x) where x is the decimal equivalent of the Backbone Transmission System In-Kind Shrinkage Allowance percentage, based on the transmission path utilized as follows:

Path	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance
Redwood to Off-System	0.9	-	0.9
Mission to On-System	0	-	0
Mission to Off-System	0	-	0
All other transmission	1.24(I)	-0.1(R)	1.2 (±)
		(±)	

Provided, however, that PG&E and the Customer shall not be prohibited under this Rule, where shrinkage requirements support a different shrinkage allowance, from mutually agreeing to a different shrinkage allowance for transportation over PG&E's Backbone Transmission System.

(Continued)

GAS RULE NO. 21
 TRANSPORTATION OF NATURAL GAS

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

b. Distribution Shrinkage

For transportation on PG&E's Distribution System, an additional In-Kind Shrinkage Allowance shall apply, which is separate from backbone transmission and storage shrinkage. The Customer shall deliver each day to PG&E at the Citygate an additional in-kind quantity of natural gas supply equal to a percent of the total volume of natural gas flowing through the End-Use Customer's meter. Thus, the quantity to be nominated at the Citygate equals the quantity to be flowed through the meter multiplied by (1 + y) where y is the decimal equivalent of the Distribution System In-Kind Shrinkage Allowance percentage, as follows:

End-Use Customer	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance
Core – Summer Season (April - October)	1.82-0 (R)(+)	__0.4 (R+)	1.82-4 (R+)
Core – Winter Season (November – March)	3.52-8 (IR)	__0.4 (R+)	3.52 (I)
Noncore Distribution	0.24(I)	–	0.2(I)4
Noncore Transmission*	–	–	–

As an example, for a Core End-Use Customer being served via the Redwood Path, the amount to be nominated at Malin is calculated as:

$$\text{Receipt Point Quantity} = \frac{\text{Est. Metered Usage} \times (1 + y)}{(1 - x)}$$

Where: x = decimal equivalent of the Backbone Shrinkage percentage, and

y = decimal equivalent of the Distribution Shrinkage percentage

* Noncore Transmission Level End-Use Customers or Agents require no Distribution System In-Kind Shrinkage Allowance.

(Continued)

Advice 3883-G
September 15, 2017

Attachment 3

Workpapers

PACIFIC GAS AND ELECTRIC COMPANY
Workpaper for In-Kind Shrinkage Allowance Update
Advice 3883-G (effective November 1, 2017)
Shrinkage Base Allowance

	(A)	(B)	(C)	(D)	(E)	(F)	
<i>Forecast Customer Demand is based on data in the 2016 California Gas Report filed July 1, 2016. Forecast Off-system Demand is based on the three-year actual off-system deliveries through July 2017. LUAF and GDU forecasts are based on the one-year average monthly percentage profile of actual LUAF and 3-year average monthly percentage profile of actual GDU (through May 2017 -- latest data available as of August 26, 2017.)</i>							
Line No.		12 Month Forecast Throughput	% Served from Distr.	% Served from Trans.	Throughput Served from Trans.	Throughput Served from Distr.	Line No.
1	Noncore Transmission/Distribution Split	Mdth	Survey Results		Mdth	Mdth	1
2	Industrial	194,286	12.7632%	87.2368%	169,489	24,797	2
3	EG	9,641	0.0000%	100.0000%	9,641	0	3
4	Cogeneration	214,377	31.1615%	68.8385%	147,574	66,803	4
5	Wholesale	3,544	0.0000%	100.0000%	3,544	0	5
6	NGV4	402	0.0000%	100.0000%	402	0	6
7	Total Noncore (excludes EOR and SEGDA)	422,250			330,649	91,600	7
8	% of Noncore served from Trans. and Distr.				78.31%	21.69%	8
LUAF per Study (from the Gas Accord I Workpapers, 17-2 & 17-3) Splits LUAF noncore volumes between distribution and transmission based on LUAF Study							
9		NC Total			NC Trans.	NC Distr.	9
10	LUAF (Mcf) - volumes from 1995 BCAP	3,054,276			2,268,089	786,187	10
11	LUAF % (NC Distr Vol/NC Total)				74.26%	25.74%	11
12	Throughput Vol. % - Data from Rate Dept Survey				79.00%	21.00%	12
13	Ratios set for Accord period:						13
14	Calculated as Line 11/Line 12				0.94	1.23	14
15	Calculated as (F) line 14/(E) line 14					1.30	15
16	Noncore % of System LUAF (adopted in 95 BCAP)	22.00%					16
LUAF & GDU Allocations to Transmission and Distribution							
		System Forecast	Core	Noncore	Off-system	NC Trans.	NC Distr.
17	LUAF allocated volumes (less off-sys LUAF; core/noncore 78%/22%)	12,734	9,706	2,738	290		
18	Throughput per forecast (Mdth)	787,098	276,967	422,250	87,881		
19	Less: SEGDA	0	0	0	0		
20	Totals for Calculation of allocation	787,098	276,967	422,250	87,881		
21	LUAF as % of throughput (Lines 17/20)	1.618%	3.504%	0.648%	0.330%		
22	Noncore Trans. LUAF% ((D) line 21 - wtd. per surveys above)					0.608%	
23	Noncore Distr. LUAF% (D) line 21 - wtd. per surveys above)						0.793%
24	Off-System LUAF (per D.94-02-042)	0.33%					
GDU Calculations:							
25	GDU per forecast(Mdth) - Pipeline (Total Plus balancing service storage GDU)	4,686					
26	GDU % = (B) line 24/(B) line 20	0.595%					
Shrinkage (LUAF+GDU)							
27	Noncore Transmission = (B) line 26 + (E) line 22	1.204%					
28	Noncore Distribution = (B) line 26 + (F) line 23	1.388%					
29	Core Total = (B) line 26 + (C) line 21	4.100%					
30	Core Distribution = (B) line 29 - (B) line 27	2.896%					
31	Off-System Transmission = (B) line 26 + (B) line 24	0.925%					
32	Proposed Pipeline Shrinkage Allowances - Base Allowance Update		Core	NC Trans.	NC Dist.	Off-Sys.	
33	Transmission (assumes same % for core and noncore)		1.2%	1.2%	1.2%	0.9%	
34	Distribution		2.9%	N/A	0.2%	N/A	
35	Total		4.1%	1.2%	1.4%	0.9%	

PACIFIC GAS AND ELECTRIC COMPANY
 Workpaper for Seasonal Core Distribution Shrinkage Allowance
 Advice 3883-G (effective November 1, 2017)
 Seasonal Core Distribution Shrinkage Base Allowance

	(A)	(B)	(C)	
Seasonal Core Distribution Shrinkage Rate Derivation				
	The Core distribution forecast is based on the customer demand forecast agreed-upon in the 2016 California Gas Report filed July 1, 2016. The Core Distribution Shrinkage Quantity is calculated by multiplying the Annual Core Distribution Demand Forecast by the Annual Core Distribution Shrinkage Percentage. The Core Distribution Shrinkage Quantity is allocated between the summer and winter seasons in the same percentage as the Total LUAF Forecast.			
Line No.				Line No.
Core Customer Demand Forecast				
		Quantity (MDth)	Percentage	
1				1
2	Annual core distribution demand	276,967		2
3	Summer Season (April -- October) Core Distribution Demand	98,670	35.63%	3
4	Winter season (November -- March) Core Distribution Demand	178,297	64.37%	4
Total LUAF Forecast				
5	Annual LUAF Forecast	12,734		5
6	Summer Season (April -- October) LUAF Forecast	2,753	21.62%	6
7	Winter Season (November -- March) LUAF Forecast	9,980	78.38%	7
Core Distribution Shrinkage Quantity				
8	Annual Core Distribution Demand (MDth)	276,967		8
9	Annual Base Core Distribution Shrinkage Percentage	2.896%		9
10	Calculated Base Core Distribution Shrinkage Quantity (MDth)	8,021		10
11	Summer Season Core Distribution Shrinkage Quantity (MDth)	1,734		11
12	Winter Season Core Distribution Shrinkage Quantity (MDth)	6,287		12
Seasonal Core Distribution Shrinkage Percentages				
13	Summer Season (April -- October)	1.758%		13
14	Winter Season (November -- March)	3.526%		14
Seasonal Core Distribution Shrinkage -- Tariff Percentages				
15	Summer Season (April -- October)	1.8%		15
16	Winter Season (November -- March)	3.5%		16

**PG&E Gas and Electric
Advice Filing List
General Order 96-B, Section IV**

AT&T	Don Pickett & Associates, Inc.	OnGrid Solar
Albion Power Company	Douglass & Liddell	Pacific Gas and Electric Company
Alcantar & Kahl LLP	Downey & Brand	Praxair
Anderson & Poole	Ellison Schneider & Harris LLP	Regulatory & Cogeneration Service, Inc.
Atlas ReFuel	Energy Management Services	SCD Energy Solutions
	Evaluation + Strategy for Social	
	Innovation	
BART		SCE
Barkovich & Yap, Inc.	G. A. Krause & Assoc.	SDG&E and SoCalGas
Braun Blaising McLaughlin & Smith, P.C.	GenOn Energy Inc.	SPURR
Braun Blaising McLaughlin, P.C.	Goodin, MacBride, Squeri, Schlotz &	San Francisco Water Power and Sewer
	Ritchie	
CENERGY POWER	Green Charge Networks	Seattle City Light
CPUC	Green Power Institute	Sempra Energy (Socal Gas)
CalCom Solar	Hanna & Morton	Sempra Utilities
California Cotton Ginners & Growers Assn	ICF	SoCalGas
California Energy Commission	International Power Technology	Southern California Edison Company
California Public Utilities Commission	Intestate Gas Services, Inc.	Southern California Gas Company (SoCalGas)
		Spark Energy
California State Association of Counties	Kelly Group	Sun Light & Power
Calpine	Ken Bohn Consulting	Sunshine Design
Casner, Steve	Leviton Manufacturing Co., Inc.	Tecogen, Inc.
Center for Biological Diversity	Linde	TerraVerde Renewable Partners
City of Palo Alto	Los Angeles County Integrated Waste	
	Management Task Force	TerraVerde Renewable Partners, LLC
City of San Jose	Los Angeles Dept of Water & Power	Tiger Natural Gas, Inc.
Clean Power	MRW & Associates	TransCanada
Clean Power Research	Manatt Phelps Phillips	Troutman Sanders LLP
Coast Economic Consulting	Marin Energy Authority	Utility Cost Management
Commercial Energy	McKenna Long & Aldridge LLP	Utility Power Solutions
Cool Earth Solar, Inc.	McKenzie & Associates	Utility Specialists
County of Tehama - Department of Public	Modesto Irrigation District	
Works		Verizon
Crossborder Energy	Morgan Stanley	Water and Energy Consulting
Crown Road Energy, LLC	NLine Energy, Inc.	Wellhead Electric Company
Davis Wright Tremaine LLP	NRG Solar	Western Manufactured Housing
Day Carter Murphy	Nexant, Inc.	Communities Association (WMA)
		YEP Energy
Defense Energy Support Center	ORA	Yelp Energy
Dept of General Services	Office of Ratepayer Advocates	
Division of Ratepayer Advocates	Office of Ratepayer Advocates, Electricity	
	Planning and Policy B	