

DOCKETED	
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Project Title:	Local Ordinance Applications - 2016 Standards
TN #:	227841
Document Title:	Appendix A to Existing Building Efficiency Upgrade Cost Effectiveness Study text searchable
Description:	This document is a text-searchable version of Appendix A - Utility Rate Tariffs from the Existing Building Efficiency Upgrade Cost Effectiveness Study. All Advice Letter pages sourced from the original Advice Letters found on the respective utility websites. The spreadsheet on Page 3 has been recreated by staff.
Filer:	Peter Strait
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	4/23/2019 10:18:22 AM
Docketed Date:	4/23/2019



**ELECTRIC SCHEDULE E-1
RESIDENTIAL SERVICES**

Sheet 1

APPLICABILITY: This schedule is applicable to single-phase and polyphase residential service in single-family dwellings and in flats and apartments separately metered by PG&E; to single-phase and polyphase service in common areas in a multifamily complex (see Special Condition 8); and to all single-phase and polyphase farm service on the premises operated by the person whose residence is supplied through the same meter.

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule E-1 charges. See Special Conditions 11 and 12 of this rate schedule for exemptions to standby charges.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Total bundled service charges are calculated using the total rates below. Customers on this schedule are subject to the delivery minimum bill amount shown below applied to the delivery portion of the bill (i.e. to all rate components other than the generation rate). In addition, total bundled charges will include applicable generation charges per kWh for all kWh usage.

Customers receiving a medical baseline allowance shall pay for all usage in excess of 200 percent of baseline at a rate \$0.04000 per kWh less than the applicable rate for usage in excess of 200 percent of baseline. No portion of the rates paid by customers that receive a Medical Baseline allowance shall be used to pay the DWR Bond charge. For these customers, the Conservation Incentive Adjustment is calculated residually based on the total rate less the sum of: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Generation, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charges (CTC), New System Generation Charges, and Energy Cost Recovery Amount. Customers receiving a medical baseline allowance shall also receive a 50 percent discount on the delivery minimum bill amount shown below.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Energy Rates (\$ per kWh)	
Baseline Usage	\$0.21169 (I)
101% - 400% of Baseline	\$0.27993 (I)
High Usage Over 400% of Baseline	\$0.43343 (I)
Delivery Minimum Bill Amount (\$ per meter per day)	\$0.32854
California Climate Credit (per household, per semi-annual payment occurring in the April and October bill cycles)	(\$39.42) (R)

(Continued)



**GAS SCHEDULE G-1
RESIDENTIAL SERVICE**

Sheet 1

APPLICABILITY: This rate schedule* applies to natural gas service to Core End-Use Customers on PG&E's Transmission and/or Distribution Systems. To qualify, service must be to individually-metered single family premises for residential use, including those in a multifamily complex, and to separately-metered common areas in a multifamily complex where Schedules GM, GS, or GT are not applicable. Common area accounts that are separately metered by PG&E have an option of switching to a core commercial rate schedule. Common area accounts are those accounts that provide gas service to common use areas as defined in Rule 1.

TERRITORY: Schedule G-1 applies everywhere within PG&E's natural gas Service Territory.

RATES: Customers on this schedule pay a Procurement Charge and a Transportation Charge, per meter, as shown below. The Transportation Charge will be no less than the Minimum Transportation Charge, as follows:

	<u>Minimum Transportation Charge:**</u>		<u>Per Day</u>	
			\$0.09863	
			<u>Per Therm</u>	
		<u>Baseline</u>		<u>Excess</u>
<u>Procurement:</u>	\$0.39848	(R)	\$0.39848	(R)
<u>Transportation Charge:</u>	\$0.88798		\$1.42077	
Total:	\$1.28646	(R)	\$1.81925	(R)

Public Purpose Program Surcharge:

Customers served under this schedule are subject to a gas Public Purpose Program (PPP) Surcharge under Schedule G-PPPS.

See Preliminary Statement, Part B for the Default Tariff Rate Components.

The Procurement Charge on this schedule is equivalent to the rate shown on informational Schedule G-CP—Gas Procurement Service to Core End-Use Customers.

BASELINE QUANTITIES: The delivered quantities of gas shown below are billed at the rates for baseline use.

BASELINE QUANTITIES (Therms Per Day Per Dwelling Unit)		
Baseline Territories***	Summer Effective Apr. 1, 2016	Winter Effective Nov. 1, 2015
P	0.46	2.15
Q	0.69	1.98
R	0.46	1.79
S	0.46	1.92
T	0.69	1.79
V	0.69	1.79
W	0.46	1.69
X	0.59	1.98
Y	0.85	2.55

* PG&E's gas tariffs are available online at www.pge.com.

** The Minimum Transportation charge does not apply to submetered tenants of master-metered customers served under gas rate Schedules GS and GT.

*** The applicable baseline territory is described in Preliminary Statement, Part A.

(Continued)

Pacific Gas and Electric Company

Residential non-CARE and CARE Gas Tariff Rates
January 1, 2016 to Present
(\$/therm)¹

Effective Date	Advice Letter Number	Minimum Transportation Charge ² (per day)	Procurement Charge	Transportation Charge ²	TOTAL Residential Non-CARE Schedules Charge ³
04/01/17	3827-G	\$ 0.09863	\$ 0.42225	\$ 0.88798 \$ 1.42077	\$ 1.31023 \$ 1.84302
05/01/17	3836-G	\$ 0.09863	\$ 0.39848	\$ 0.88798 \$ 1.42077	\$ 1.28646 \$ 1.81925
06/01/17	3844-G	\$ 0.09863	\$ 0.39102	\$ 0.88798 \$ 1.42077	\$ 1.27900 \$ 1.81179
07/01/17	3859-G	\$ 0.09863	\$ 0.31906	\$ 0.88566 \$ 1.41705	\$ 1.20472 \$ 1.73611
08/01/17	3870-G	\$ 0.09863	\$ 0.32821	\$ 0.88566 \$ 1.41705	\$ 1.21387 \$ 1.74526
09/01/17	3879-G	\$ 0.09863	\$ 0.27240 ⁷	\$ 0.88566 \$ 1.41705	\$ 1.15806 \$ 1.68945
10/01/17	3886-G	\$ 0.09863	\$ 0.31496	\$ 0.88566 \$ 1.41705	\$ 1.20062 \$ 1.73201
11/01/17	3899-G	\$ 0.09863	\$ 0.34180	\$ 0.88566 \$ 1.41705	\$ 1.22746 \$ 1.75885
12/01/17	3913-G	\$ 0.09863	\$ 0.37595 ⁷	\$ 0.88566 \$ 1.41705	\$ 1.26161 \$ 1.79300
01/01/18	3918-G	\$ 0.09863	\$ 0.37310	\$ 0.91828 \$ 1.46925	\$ 1.29138 \$ 1.84235
02/01/18	3931-G	\$ 0.09863	\$ 0.40635	\$ 0.91828 \$ 1.46925	\$ 1.32463 \$ 1.87560
03/01/18	3941-G	\$ 0.09863	\$ 0.32103 ⁷	\$ 0.91828 \$ 1.46925	\$ 1.23931 \$ 1.79028

¹Unless otherwise noted

²Effective July 2, 2005, the Transportation Charge will be no less than the Minimum Transportation Charge of \$0.09863 (per day). Applicable to Rate Schedule G-1 only

³Schedule G-PPPS (Public Purpose Program Surcharge) needs to be added to the TOTAL Non-CARE Charge and TOTAL CARE Charge for bill calculation. See Schedule G-PPPS for details and exempt customers.

⁴CARE Schedules include California Solar Initiative (CSI) Exemption in accordance with Advice Letter 3257-G-A

⁵Per dwelling unit per day (Multifamily Service)

⁶Per installed space per day (Mobilehome Park Service)

⁷This procurement rate includes a charge of \$0.02431 per therm to reflect account balance amortizations in accordance with Advice Letter 3157-G

Seasons: Winter: Nov-Mar Summer: Apr-Oct



**Schedule D
DOMESTIC SERVICE**

Sheet 2

(Continued)

RATES

	Delivery Service Total ¹	Generation ²	
		UG***	DWREC ³
Energy Charge- \$/kWh/Meter/Day			
Baseline Service			
Summer	0.08875 (I)	0.08589 (I)	0.00000
Winter	0.08875 (I)	0.08589 (I)	0.00000
Nonbaseline Service*			
101% - 400% of Baseline - Summer	0.16034 (R)	0.08589 (I)	0.00000
Winter	0.16034 (R)	0.08589 (I)	0.00000
High Usage Charge			
(Over 400% of Baseline) - Summer	0.26072 (I)	0.08589 (I)	0.00000
- Winter	0.26072 (I)	0.08589 (I)	0.00000
Basic Charge - \$/Meter/Day			
Single-Family Accommodation	0.031		
Multi-Family Accommodation	0.024		
Minimum Charge** - \$/Meter/Day			
Single-Family Accommodation	0.338 (I)		
Multi-Family Accommodation	0.338 (I)		
Minimum Charge (Medical Baseline)** - \$/Meter/Day			
Single-Family Accommodation	0.169 (I)		
Multi-Family Accommodation	0.169 (I)		
California Climate Credit ⁴	(36.00) (R)		
Peak Time Rebate - \$kWh		(0.75)	
Peak Time Rebate w/enabling technology - \$/kWh		(1.25)	

- * Nonbaseline Service includes all kWh in excess of applicable Baseline allocations as described in Preliminary Statement, Part H, Baseline Service.
- ** The Minimum Charge is applicable when the Delivery Service Energy Charge, plus the applicable Basic Charge is less than the Minimum Charge.
- *** The ongoing Competition Transition Charge (CTC) of \$(0.00075) per kWh is recovered in the UG component of Generation. (I)
- 1 Total = Total Delivery Service rates are applicable to Bundled Service, Direct Access (DA) and Community Choice Aggregation Service (CCA Service) Customers, except DA and CCA Service Customers are not subject to the DWRBC rate component of this Schedule but instead pay the DWRBC as provided by Schedule DA-CRS or Schedule CCA-CRS.
- 2 Generation = The Generation rates are applicable only to Bundled Service Customers.
- 3 DWREC = Department of Water Resources (DWR) Energy Credit - For more information on the DWR Energy Credit, see the Billing Calculation Special Condition of this Schedule.
- 4. Applied on an equal basis, per household, semi-annually. See the Special Conditions of this Schedule for more information.

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(To be inserted by utility)
Advice 3695-E-A
Decision _____

Issued by
Caroline Choi
Senior Vice President

(To be inserted by Cal. PUC)
Date Filed Dec 22, 2017
Effective Jan 1, 2018
Resolution _____

Schedule No. GR
RESIDENTIAL SERVICE
 (Includes GR, GR-C and GT-R Rates)

Sheet 1

APPLICABILITY

The GR rate is applicable to natural gas procurement service to individually metered residential customers.

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

The California Alternate Rates for Energy (CARE) discount of 20%, reflected as a separate line item on the bill, is applicable to income-qualified households that meet the requirements for the CARE program as set forth in Schedule No. G-CARE.

TERRITORY

Applicable throughout the service territory.

RATES

	<u>GR</u>	<u>GR-C</u>	<u>GT-R</u>
<u>Customer Charge</u> , per meter per day:	16.438¢	16.438¢	16.438¢

For "Space Heating Only" customers, a daily Customer Charge applies during the winter period from November 1 through April 30 ^{1/} :	33.149¢	33.149¢	33.149¢
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Baseline Rate, per therm (baseline usage defined in Special Conditions 3 and 4):

<u>Procurement Charge</u> : ^{2/}	29.482¢	29.482¢	N/A	R
<u>Transmission Charge</u> : ^{3/}	<u>53.427¢</u>	<u>53.427¢</u>	<u>53.577¢</u>	
<u>Total Baseline Charge</u> :	82.909¢	82.909¢	53.577¢	R

Non-Baseline Rate, per therm (usage in excess of baseline usage):

<u>Procurement Charge</u> : ^{2/}	29.482¢	29.482¢	N/A	R
<u>Transmission Charge</u> : ^{3/}	<u>86.226¢</u>	<u>86.226¢</u>	<u>86.376¢</u>	
<u>Total Non-Baseline Charge</u> :	115.708¢	115.708¢	86.376¢	R

^{1/} For the summer period beginning May 1 through October 31, with some exceptions, usage will be accumulated to at least 20 Ccf (100 cubic feet) before billing.

(Footnotes continue next page.)

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(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 5266
 DECISION NO.

ISSUED BY
Dan Skopec
 Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Mar 8, 2018
 EFFECTIVE Mar 10, 2018
 RESOLUTION NO. G-3351



SCHEDULE DR

Sheet 1

RESIDENTIAL SERVICE
(Includes Rates for DR-LI)

APPLICABILITY

Applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.

This schedule is also applicable to customers qualifying for the California Alternate Rates for Energy (CARE) Program and/or Medical Baseline, residing in single-family accommodations, separately metered by the Utility, and may include Non-profit Group Living Facilities and Qualified Agricultural Employee Housing Facilities, if such facilities qualify to receive service under the terms and conditions of Schedule E-CARE. The rates for CARE and Medical Baseline customers are identified in the rates tables below as DR-LI and DR-MB rates, respectively.

Customers on this schedule may also qualify for a semi-annual California Climate Credit \$(33.50) per Schedule GHG-ARR.

R

TERRITORY

Within the entire territory served by the Utility.

RATES

Total Rates:

Description - DR Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate
Summer:				
Up to 130% of Baseline Energy (\$/kWh)	0.09311 I	0.00549	0.17244 R	0.27104 I
131% - 400% of Baseline (\$/kWh)	0.29722 I	0.00549	0.17244 R	0.47515 I
Above 400% of Baseline (\$/kWh)	0.37568 I	0.00549	0.17244 R	0.55361 I
Winter:				
Up to 130% of Baseline Energy (\$/kWh)	0.15406 I	0.00549	0.07075 R	0.23030 I
131% - 400% of Baseline (\$/kWh)	0.32748 I	0.00549	0.07075 R	0.40372 I
Above 400% of Baseline (\$/kWh)	0.39415 I	0.00549	0.07075 R	0.47039 I
Minimum Bill (\$/day)	0.329			0.329

Description -DR-LI Rates	UDC Total Rate	DWR-BC Rate	EECC Rate + DWR Credit	Total Rate	Total Effective CARE Rate
Summer – CARE Rates:					
Up to 130% of Baseline Energy (\$/kWh)	0.09246 I	0.00000	0.17244 R	0.26490 I	0.16772 I
131% - 400% of Baseline (\$/kWh)	0.29657 I	0.00000	0.17244 R	0.46901 I	0.29912 I
Above 400% of Baseline (\$/kWh)	0.37503 I	0.00000	0.17244 R	0.54747 I	0.34963 I
Winter – CARE Rates:					
Up to 130% of Baseline Energy (\$/kWh)	0.15341 I	0.00000	0.07075 R	0.22416 I	0.14150 I
131% - 400% of Baseline (\$/kWh)	0.32683 I	0.00000	0.07075 R	0.39758 I	0.25314 I
Above 400% of Baseline (\$/kWh)	0.39350 I	0.00000	0.07075 R	0.46425 I	0.29606 I
Minimum Bill (\$/day)	0.164			0.164	0.164

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1H8

Advice Ltr. No. 3167-E

Decision No.

Issued by
Dan Skopec
Vice President
Regulatory Affairs

Submitted Dec 29, 2017

Effective Jan 1, 2018

Resolution No.



SCHEDULE GR

Sheet 1

RESIDENTIAL NATURAL GAS SERVICE
(Includes Rates for GR, GR-C, GTC/GTCA)

APPLICABILITY

The GR rate is applicable to natural gas procurement service for individually metered residential customers.

The GR-C, 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 GTC/GTCA rate is applicable to intrastate gas transportation-only services to individually metered residential customers, as set forth in Special Condition 11.

Customers taking service under this schedule may be eligible for a 20% California Alternate Rate for Energy (CARE) program discount, reflected as a separate line item on the bill, if they qualify to receive service under the terms and conditions of Schedule G-CARE.

TERRITORY

Within the entire territory served natural gas by the utility.

RATES

	<u>GR</u>	<u>GR-C</u>	<u>GTC/GTCA^{1/}</u>
<u>Baseline Rate</u> , per therm (baseline usage defined in Special Conditions 3 and 4):			
Procurement Charge: ^{2/}	\$0.34839	\$0.34839 I	N/A
Transmission Charge:	<u>\$0.86581</u>	<u>\$0.86581</u>	<u>\$0.86581</u>
Total Baseline Charge:	\$1.21420	\$1.21420 I	\$0.86581
<u>Non-Baseline Rate</u> , per therm (usage in excess of baseline usage):			
Procurement Charge: ^{2/}	\$0.34839	\$0.34839 I	N/A
Transmission Charge:	<u>\$1.04206</u>	<u>\$1.04206</u>	<u>\$1.04206</u>
Total Non-Baseline Charge:	\$1.39045	\$1.39045 I	\$1.04206
<u>Minimum Bill</u> , per day: ^{3/}			
Non-CARE customers:	\$0.09863	\$0.09863	\$0.09863
CARE customers:	\$0.07890	\$0.07890	\$0.07890

^{1/} The rates for core transportation-only customers, with the exception of customers taking service under Schedule GT-NGV, include any FERC Settlement Proceeds Memorandum Account (FSPMA) credit adjustments.
^{2/} This charge is applicable to Utility Procurement Customers and includes the GPC and GPC-A Procurement Charges shown in Schedule GPC which are subject to change monthly as set forth in Special Condition 7.
^{3/} Effective starting May 1, 2017, the minimum bill is calculated as the minimum bill charge of \$0.09863 per day times the number of days in the billing cycle (approximately \$3 per month) with a 20% discount applied for CARE customer resulting in a minimum bill charge of \$0.07890 per day (approximately \$2.40 per month).

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