

**Utility Allowance Estimates
For
Tax Credit Properties**



Prepared For The

**Housing Authority of
the County of Butte
Chico, California**

May 2012

Management Resource Group, Inc.

2392 Mount Vernon Road, Suite 103 / Atlanta, Georgia 30338

Tel: 770.396.9856 / Fax: 770.396.1407

Email: mrginc@mindspring.com

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EXECUTIVE SUMMARY

Executive Summary

MRG was contracted by the HACB to assess its existing Utility Allowance Estimates to provide a “third party” independent analysis approach to insure not only uniformity in application but compliance with the new HUD regulations printed in the Federal Register on Thursday, February 29, 1996. Currently, the data as modified by field observation of appliance usage (as appropriate) and appliance consumption characteristic data supplied by local utility companies.

MRG conducted an on-site survey of the development managed by the HACB for analysis of energy consumption and the creation of new utility allowance estimates for those developments in which energy could be individually metered per the guidelines of 24CFR, Part 965, Subpart E.

Our survey was completed in May 2012 and it was our determination that at this time, that all of the developments have the capability of being individually monitored for electrical, and natural gas but master metered for water/sewer consumption. Therefore, the Utility Allowance Estimates that were developed by MRG for use in 2012/2013 reflect electrical and natural gas consumption for the developments.

During our survey we noted the light fixture patterns in each apartment, the HACB furnished appliances and the variety of miscellaneous electrical appliances/apparatuses residents owned. These observations became the basis by which we developed estimates for each apartment size to approximate a “reasonable consumption of electricity” by an energy conservative household of modest circumstances consistent with the requirement of providing a safe, sanitary and healthful living environment.

The components of measurement were defined as lighting, refrigeration, cooking and miscellaneous electrical appliances. The new estimates were developed from several sources but with one concept in mind - an energy conservative household. Lighting estimates were developed by assigning a certain number of hours of operation for each fixture with respect to its location and number of bulbs required. We assumed that all incandescent bulbs were 60 watt except for reading lamps, which were 100-watt bulbs. The hours of operation per fixture at each location we used reflects national norms as published in the U.S. Department of Energy (DOE) publications. The specific hours of operation per day used for lighting in our model are:

Porch	5 hours	Dining Room	2 hours
Hallway	1 hour	Bedroom	2 hours
Kitchen	4 hours	Storage	.5 hour
Living Room	4 hours	Lamps	4 hours
Laundry	2 hours		

Refrigerators are furnished by the HACB and are normally the same size throughout the Authority. However, consumption increases in the larger apartments because of more opening and closing of the refrigerator. Refrigerator consumption was developed per manufacturer's specifications and usage guide information from utility suppliers. The new estimates only provide consumption consideration for **one** HACB supplied refrigerator. The consumption estimates we used are:

(High efficiency model at 475 kWh/year for one bedroom)

1 Bedroom	567 kWh/year	4 Bedroom	600 kWh/year
2 Bedroom	578 kWh/year	5 Bedroom	607 kWh/year
3 Bedroom	594 kWh/year		

Cooking estimates were developed in the same manner as refrigeration and even though the ranges are basically the same size, consumption increases with larger apartments because of more usage. The estimated annual consumption for natural gas ranges with standing pilots is:

1 Bedroom	30 Therms/year	4 Bedroom	40 Therms/year
2 Bedroom	33 Therms/year	5 Bedroom	43 Therms/year
3 Bedroom	36 Therms/year		

Miscellaneous electrical appliances/apparatuses that residents owned were defined as those items that have been historically included by the HACB and accepted by HUD. These include: 1 color TV; 1 radio/stereo; 1 hand mixer; 1 2-slot toaster; 1 blender; 1 vacuum cleaner; 1 hand iron; 1 microwave; 1 clock; 1 coffee pot; 1 VCR/DVR; 1 fan; 1 washing machine, and other small appliances in addition to or replacing one of the above listed devices. The corresponding annual consumption attributed to these appliances increases with bedroom size because of larger households and therefore more usage. The consumption estimates we used are:

1 Bedroom	707 kWh/year	4 Bedroom	1,273 kWh/year
2 Bedroom	818 kWh/year	5 Bedroom	1,597 kWh/year
3 Bedroom	1,028 kWh/year		

To assist the HACB in applying its utility allowance estimates, MRG has developed a schedule of surcharges for excess consumption. The surcharges address major appliances, which were judged unnecessary for a modest family and therefore, not included in the estimates. These scheduled surcharges are intended for developments, which are not currently individually metered or sub-metered. The list of surcharges is as follows:

Freezer	\$6.00/month	Clothes dryer	\$ 3.50/month
Extra Refrigerator	\$5.00/month	Window A/C	\$ 10.00/month

In addition, because of the special needs and requirement of electrically powered medical equipment MRG recommends that an amount of \$10.00 per month granted upon request for a family in these circumstances. A survey of the types and electrical requirement for this equipment utilizing standard 120 volt services and assuming a daily use requirement the \$10.00 per month is a fair and equitable relief factor.

To reduce the administrative work load to administer utility allowance estimate throughout the development, different apartment sizes and various unit types, MRG has elected to present the most energy consumptive case scenarios for each bedroom size in each development. That is if there are two or more configurations per bedroom size we have presented the largest energy consumer and the allowance estimates for that bedroom size in each development. Therefore if there are one through four bedrooms in a development, there are four utility allowance estimates.

**HOUSING AUTHORITY OF THE COUNTY OF BUTTE
CHICO, CALIFORNIA
UTILITY ALLOWANCE ESTIMATES FOR TAX CREDIT PROPERTIES
FY 2012 - 2013**

1200 Park Avenue			
	1 Bedroom	2 Bedroom Middle	2 Bedroom End
Electricity	24.00	27.00	30.00
Natural Gas	15.00	19.00	21.00
Total	\$ 39.00	\$ 46.00	\$ 51.00

Chico Commons			
	1 Bedroom	2 Bedroom	3 Bedroom
Electricity	23.00	27.00	31.00
Natural Gas	10.00	12.00	14.00
Total	\$ 33.00	\$ 39.00	\$ 45.00

Walker Commons			
	Electricity	Natural Gas	Total
1 Bedroom	\$ 26.00	\$ 21.00	\$ 47.00

1200 PARK AVENUE

ANNUAL ELECTRICAL CONSUMPTION ITEMIZATION (kWh)

<u>Unit Type</u>	<u>Lights</u>	<u>Refrigerator</u>	<u>Fans/Heat</u>	<u>A/C</u>	<u>Cooking</u>	<u>Misc</u>	<u>Total</u>
1 Mid Rise Bottom Middle	775	475	81	691		707	2729
1 Mid Rise Bottom End	775	475	82	701		707	2740
2 Mid Rise Bottom Middle	862	523	87	882		818	3172
2 Mid Rise Bottom End	862	523	121	1229		818	3553

ANNUAL NATURAL GAS CONSUMPTION ITEMIZATION (Therms)

<u>Unit Type</u>	<u>Heat</u>	<u>DHW</u>	<u>Cooking</u>	<u>Other</u>	<u>Total</u>
1 Mid Rise Bottom Middle	63	72	30	0	165
1 Mid Rise Bottom End	64	72	33	0	169
2 Mid Rise Bottom Middle	83	102	36	0	221
2 Mid Rise Bottom End	116	102	40	0	258

MONTHLY ELECTRICAL CONSUMPTION (kWh)

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Mid Rise Bottom Middle	238	232	231	227	224	221	221	221	221	223	232	239	228
1 Mid Rise Bottom End	239	233	232	228	224	222	222	222	222	224	233	240	228
2 Mid Rise Bottom Middle	276	270	268	264	260	257	257	257	257	260	269	277	264
2 Mid Rise Bottom End	312	304	301	295	290	286	286	286	286	290	302	313	296

MONTHLY ELECTRICAL COST

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Mid Rise Bottom Middle	\$25	\$24	\$24	\$24	\$24	\$23	\$23	\$23	\$23	\$23	\$24	\$25	\$24
1 Mid Rise Bottom End	\$25	\$24	\$24	\$24	\$24	\$23	\$23	\$23	\$23	\$24	\$24	\$25	\$24
2 Mid Rise Bottom Middle	\$28	\$28	\$27	\$27	\$27	\$26	\$26	\$26	\$26	\$27	\$28	\$28	\$27
2 Mid Rise Bottom End	\$31	\$31	\$30	\$30	\$29	\$29	\$29	\$29	\$29	\$29	\$30	\$31	\$30

MONTHLY NATURAL GAS CONSUMPTION (Therms)

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Mid Rise Bottom Middle	22	18	16	13	11	9	9	9	9	10	17	23	14
1 Mid Rise Bottom End	23	18	17	14	11	9	9	9	9	11	17	23	14
2 Mid Rise Bottom Middle	30	24	22	18	15	12	12	12	12	14	23	30	19
2 Mid Rise Bottom End	37	29	26	21	16	12	12	12	12	15	27	38	21

MONTHLY NATURAL GAS COST

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Mid Rise Bottom Middle	\$21	\$18	\$16	\$14	\$12	\$11	\$11	\$11	\$11	\$11	\$17	\$22	\$15
1 Mid Rise Bottom End	\$22	\$18	\$17	\$15	\$12	\$11	\$11	\$11	\$11	\$12	\$17	\$22	\$15
2 Mid Rise Bottom Middle	\$28	\$23	\$21	\$18	\$16	\$13	\$13	\$13	\$13	\$15	\$22	\$28	\$19
2 Mid Rise Bottom End	\$34	\$27	\$25	\$21	\$16	\$13	\$13	\$13	\$13	\$16	\$26	\$35	\$21

CHICO COMMONS

ANNUAL ELECTRICAL CONSUMPTION ITEMIZATION (kWh)

<u>Unit Type</u>	<u>Lights</u>	<u>Refrigerator</u>	<u>Fans/Heat</u>	<u>A/C</u>	<u>Cooking</u>	<u>Misc</u>	<u>Total</u>
1 Rowhouse Bottom End	546	567	49	711		707	2580
2 Duplex Bottom End	692	578	66	964		818	3118
3 Duplex Bottom End	714	594	97	1207		1028	3640

ANNUAL NATURAL GAS CONSUMPTION ITEMIZATION (Therms)

<u>Unit Type</u>	<u>Heat</u>	<u>DHW</u>	<u>Cooking</u>	<u>Other</u>	<u>Total</u>
1 Rowhouse Bottom End	72		30	0	102
2 Duplex Bottom End	97		33	0	130
3 Duplex Bottom End	120		36	0	156

MONTHLY ELECTRICAL CONSUMPTION (kWh)

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Bottom End	222	218	217	215	213	211	211	211	211	212	218	222	215
2 Duplex Bottom End	269	264	263	259	257	255	254	254	255	256	263	269	260
3 Duplex Bottom End	316	309	307	303	299	296	295	295	296	298	308	317	303

MONTHLY ELECTRICAL COST

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Bottom End	\$23	\$23	\$23	\$23	\$23	\$22	\$22	\$22	\$22	\$23	\$23	\$23	\$23
2 Duplex Bottom End	\$28	\$27	\$27	\$27	\$26	\$26	\$26	\$26	\$26	\$26	\$27	\$28	\$27
3 Duplex Bottom End	\$32	\$31	\$31	\$31	\$30	\$30	\$30	\$30	\$30	\$30	\$31	\$32	\$31

MONTHLY NATURAL GAS CONSUMPTION (Therms)

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Bottom End	18	13	12	8	5	3	3	3	3	5	12	19	9
2 Duplex Bottom End	24	17	15	10	6	3	3	3	3	6	16	24	11
3 Duplex Bottom End	29	20	18	12	7	3	3	3	3	7	19	30	13

MONTHLY NATURAL GAS COST

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Bottom End	\$18	\$14	\$13	\$10	\$7	\$6	\$6	\$6	\$6	\$7	\$13	\$19	\$10
2 Duplex Bottom End	\$23	\$17	\$16	\$11	\$8	\$6	\$6	\$6	\$6	\$8	\$16	\$23	\$12
3 Duplex Bottom End	\$27	\$20	\$18	\$13	\$9	\$6	\$6	\$6	\$6	\$9	\$19	\$28	\$14

WALKER COMMONS

ANNUAL ELECTRICAL CONSUMPTION ITEMIZATION (kWh)

<u>Unit Type</u>	<u>Lights</u>	<u>Refrigerator</u>	<u>Fans/Heat</u>	<u>A/C</u>	<u>Cooking</u>	<u>Misc</u>	<u>Total</u>
1 Rowhouse Top End	946	567	0	839		707	3059
1 Rowhouse Top Middle	946	567	0	783		707	3003
1 Rowhouse Middle Middle	946	567	0	697		707	2917

ANNUAL NATURAL GAS CONSUMPTION ITEMIZATION (Therms)

<u>Unit Type</u>	<u>Heat</u>	<u>DHW</u>	<u>Cooking</u>	<u>Other</u>	<u>Total</u>
1 Rowhouse Top End	118	115	30	0	263
1 Rowhouse Top Middle	113	115	33	0	261
1 Rowhouse Middle Middle	105	115	36	0	256

MONTHLY ELECTRICAL CONSUMPTION (kWh)

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Top End	255	255	255	255	255	255	255	255	255	255	255	255	255
1 Rowhouse Top Middle	250	250	250	250	250	250	250	250	250	250	250	250	250
1 Rowhouse Middle Middle	243	243	243	243	243	243	243	243	243	243	243	243	243

MONTHLY ELECTRICAL COST

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Top End	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26
1 Rowhouse Top Middle	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26	\$26
1 Rowhouse Middle Middle	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25

MONTHLY NATURAL GAS CONSUMPTION (Therms)

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Top End	38	29	27	21	16	13	12	12	13	16	28	38	22
1 Rowhouse Top Middle	37	29	27	21	16	13	12	12	13	16	28	38	22
1 Rowhouse Middle Middle	35	28	26	21	16	13	13	13	13	16	27	36	21

MONTHLY NATURAL GAS COST

Unit Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
1 Rowhouse Top End	\$35	\$27	\$26	\$21	\$16	\$14	\$13	\$13	\$14	\$16	\$26	\$35	\$21
1 Rowhouse Top Middle	\$34	\$27	\$26	\$21	\$16	\$14	\$13	\$13	\$14	\$16	\$26	\$35	\$21
1 Rowhouse Middle Middle	\$32	\$26	\$25	\$21	\$16	\$14	\$14	\$14	\$14	\$16	\$26	\$33	\$21

WATER/SEWER TABLES

Water/Sewer Tables

The Butte County Housing Authority is in the process of metering the units for water and sewer consumption. When this is completed, the following tables may be used to establish a water/sewer allowance for those metered units.

Gross Water Consumption:

Type	Occ	Toil	Shwr	Dish	Clths	Cook	Hand	Gal/Day	Gal/Yr	Gal/Mo.
0 Bedroom	1.0	18	20	1.5	8	0.2	0.1	47	17228	1436
1 Bedroom	1.1	19	22	1.7	9	0.2	0.1	52	18951	1579
2 Bedroom	2.5	44	50	3.8	20	0.4	0.1	118	43070	3589
3 Bedroom	3.5	61	70	5.3	28	0.5	0.2	165	60298	5025
4 Bedroom	5.0	88	100	7.5	40	0.8	0.3	236	86140	7178
5 Bedroom	6.0	105	120	9.0	48	0.9	0.3	283	103368	8614
6 Bedroom	8.0	140	160	12.0	64	1.2	0.4	378	137824	11485

Gal Eact % Hot Water

Toilet Flush:	3.5	0%	5	Flushes per person per day
Shower:	20	50%	1	Showers per person per day
Dishload:	3	25%	0.5	Dishloads per person per day
Laundry load:	40	50%	0.2	Clothesloads per person per day
Meal:	0.05	0%	3	Meals per person per day
Handwashing:	0.05	50%	10	Handwashings per person per day

Water & Sewer Tables

Bedroom Size	Consumption per Month (CCF)	Allowance per Month
0	1.9	\$39.64
1	2.1	\$39.83
2	4.8	\$42.33
3	6.7	\$44.10
4	9.6	\$46.80
5	11.5	\$48.66

Water & Sewage Rate Schedule

Base Charge:		36.07
Energy Charge:		
First	10 CCF	\$0.88520
31 Next	21 CCF	\$0.94850
62 Next	31 CCF	\$1.01170
152 Next	100 CCF	\$1.01170
Cost Adjustment:		0
Tax:		5%

CURRENT UTILITY RATE SCHEDULES



ELECTRIC SCHEDULE EL-1
RESIDENTIAL CARE PROGRAM SERVICE

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 (see Special Condition 3) and to all single-phase and polyphase farm service on the premises operated by the person whose residence is supplied through the same meter where the applicant qualifies for California Alternate Rates for Energy (CARE) under the eligibility and certification criteria set forth in Rule 19.1, 19.2, or 19.3.*

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 EL-1 charges. See Special Conditions 11 and 12 of this rate schedule for exemptions to standby charges.

TERRITORY: The entire territory served.

RATES: Total bundled service charges are calculated using the total rates below. Bundled service customers are billed the greater of the total minimum charge or the otherwise applicable total charge derived from total energy rates.

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	\$0.08316		(D)
101% to 130% of Baseline	\$0.09563	(N)	(N)
Over 130% of Baseline	\$0.12474	(N)	(N)
Total Minimum Charge Rate (\$ per meter per day)	\$0.11828		

* The Rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and website at <http://www.pge.com/tariffs>

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ELECTRIC SCHEDULE EL-1
RESIDENTIAL CARE PROGRAM SERVICE

Sheet 2

RATES:
 (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. Where the minimum charge applies with no usage, generation is calculated residually based on the total minimum charge less the sum of: Distribution, Transmission, Reliability Services, Public Purpose Programs, Nuclear Decommissioning and New System Generation Charges¹. For minimum bills with usage, generation is calculated residually based on the total charge less the sum of: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, New System Generation Charges¹, Competition Transition Charges (CTC), and Energy Cost Recovery Amount. (T)

UNBUNDLING OF TOTAL RATES

Energy Rates by Component (\$ per kWh)

Generation:

Baseline Usage	\$0.05188	(R)
101% - 130% of Baseline	\$0.06435	(R)
Over 130% of Baseline	\$0.09346	(R)

Distribution*:**

Baseline Usage	(\$0.00202)	(I)
101% - 130% of Baseline	(\$0.00202)	(I)
Over 130% of Baseline	(\$0.00202)	(I)

Transmission* (all usage)	\$0.01314	
Transmission Rate Adjustments* (all usage)	\$0.00094	(I)
Reliability Services* (all usage)	(\$0.00012)	
Public Purpose Programs (all usage)	\$0.00700	
Nuclear Decommissioning (all usage)	\$0.00055	
Competition Transition Charges (all usage)	\$0.00555	
Energy Cost Recovery Amount (all usage)	\$0.00504	
New System Generation Charge (all usage)***	\$0.00120	

Minimum Charge Rate by Component	\$ per meter per day	\$ per kWh
Distribution***	\$0.09232	-
Transmission*	-	\$0.01408 (I)
Reliability Services*	\$0.00000	-
Public Purpose Programs	\$0.00304	-
Nuclear Decommissioning	\$0.00024	-
Competition Transition Charges	-	\$0.00555
Energy Cost Recovery Amount	-	\$0.00504
New System Generation Charge***	-	\$0.00120
Generation **	Determined Residually	

* Transmission, Transmission Rate Adjustments and Reliability Service charges are combined for presentation on customer bills.
 ** Total rates less the sum of the individual non-generation components.
 *** Distribution and New System Generation Charges are combined for presentation on customer bills.
¹ Per Decision 11-12-031, New System Generation Charges are effective 1/1/2012.

(Continued)



ELECTRIC SCHEDULE EL-1
RESIDENTIAL CARE PROGRAM SERVICE

Sheet 3

**SPECIAL
 CONDITIONS:**

1. **BASELINE RATES:** PG&E may require the customer to complete and file with it a Declaration of Eligibility for Baseline Quantities for Residential Rates.
2. **BASELINE (TIER 1):** The following quantities of electricity are to be billed at the rate for baseline use:

Baseline Territory*	BASELINE QUANTITIES (kWh PER DAY)							
	Code B - Basic Quantities				Code H - All-Electric Quantities			
	Summer		Winter		Summer		Winter	
	Tier I		Tier I		Tier I		Tier I	
P	15.3	(C)	12.7	(C)	18.0	(C)	33.9	(C)
Q	7.5		11.7		9.1		19.3	
R	17.1		11.7		20.9		30.2	
S	15.3		12.0		18.0		28.6	
T	7.5		9.1		9.1		16.8	
V	12.0		13.6		19.4		33.4	
W	18.5		10.9		23.5		22.8	
X	11.0		11.7		10.3		19.3	
Y	11.7		13.2		14.1		30.7	
Z	7.9	(C)	10.6	(C)	11.2	(C)	22.5	(C)

3. **ANNUAL CONTRACT:** For customers who use service for only part of the year, this schedule is applicable only on an annual contract.
4. **ALL-ELECTRIC QUANTITIES (Code H):** All-electric quantities are applicable to service to customers with permanently installed electric heating as the primary heat source. All-electric quantities are also applicable to service to customers of record as of November 15, 1984, to whom the former Code W (Basic plus Water Heating) lifeline allowance was applicable on May 15, 1984, and who thereafter maintain continuous service at the same location under this schedule.

If more than one electric meter serves a residential dwelling unit, the all-electric quantities, if applicable, will be allocated only to the primary meter.

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

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ELECTRIC SCHEDULE EL-1
RESIDENTIAL CARE PROGRAM SERVICE

Sheet 4

SPECIAL
 CONDITIONS:
 (Cont'd.)

5. **ADDITIONAL METERS:** If a residential dwelling unit is served by more than one electric meter, the customer must designate which meter is the primary meter and which is (are) the additional meter(s). Only the basic baseline quantities will be applicable to the additional meter(s).
6. **SEASONAL CHANGES:** The summer season is May 1 through October 31 and the winter season is November 1 through April 30. Bills that include multiplying the applicable daily baseline quantity for each season by the number of days in each season for the billing period.
7. **STANDARD MEDICAL QUANTITIES (Code M - Basic Plus Medical Quantities, Code S - All-Electric Plus Medical Quantities):** Additional medical quantities are available as provided in Rule 19, for both the primary and additional meters.
8. **COMMON-AREA ACCOUNTS:** Common-area accounts that are separately metered by PG&E have a one-time option of switching to an applicable general service rate schedule by notifying PG&E in writing. Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1.

Accounts that switch to a general service tariff will have one, and possibly two, opportunities to return to a residential rate schedule. Please see Common-Area Accounts Section of General Service Schedules A-1, A-6, A-10, and E-19 for more details.

9. **BILLING:** A customer's bill is calculated based on the option applicable to the customers:

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges¹, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC. (T)

Direct Access (DA) and Community Choice Aggregation Service (CCA Service) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges¹, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS, including exemptions for Medical Baseline and continuous DA service, are set forth in Schedules DA CRS and CCA CRS. (T)

¹ Per Decision 11-12-031, New System Generation Charges are effective 1/1/2012. (N)

(Continued)



ELECTRIC SCHEDULE EL-1
RESIDENTIAL CARE PROGRAM SERVICE

Sheet 5

SPECIAL
 CONDITIONS:
 (Cont'd.)

9. BILLING (Cont'd.):

DA / CCA CRS

Energy Cost Recovery Amount Charge (per kWh)	\$0.00504	(I)
DWR Bond Charge (per kWh)	\$0.00000	
CTC Charge (per kWh)	\$0.00555	(R)
Power Charge Indifference Adjustment (per kWh)		
Pre-2009 Vintage	(\$0.00551)	(I)
2009 Vintage	\$0.01773	
2010 Vintage	\$0.01920	
2011 Vintage	\$0.01920	

10. SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.
11. DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must transfer to a time-of-use rate, to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to time-of-use (TOU) and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB – *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.
12. DWR BOND CHARGE: The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.



GAS SCHEDULE GL-1
RESIDENTIAL CARE PROGRAM SERVICE

Sheet 1

APPLICABILITY: This rate schedule* applies to natural gas service to Core End-Use Customers on PG&E's Transmission and Distribution Systems. To qualify, service must be to individually-metered single family premises for residential use, including those in a multifamily complex, where the applicant qualifies for California Alternate Rates for Energy (CARE) under the eligibility and certification criteria set forth in Rules 19.1, 19.2, or 19.3.

TERRITORY: Schedule GL-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. Qualifying CARE Core End-Use Customers receive a CARE Discount, which applies to both procurement and transportation charges.

	<u>Per Therm</u>			
	<u>Baseline</u>		<u>Excess</u>	
<u>Procurement Charge:</u>	\$0.38713	(I)	\$0.38713	(I)
<u>Transportation Charge:</u>	\$0.51872		\$0.82996	
<u>CSI- Solar Thermal Exemption</u>	(\$0.00081)		(\$0.00081)	
<u>CARE Discount:</u>	(\$0.18101)	(R)	(\$0.24326)	(R)
Total:	\$0.72403	(I)	\$0.97302	(I)

Public Purpose Program Surcharge: = 05651/therm

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.

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

(Continued)



GAS SCHEDULE GL-1
RESIDENTIAL CARE PROGRAM SERVICE

Sheet 2

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, 2012	Winter Effective Nov. 1, 2012	(T)
P	0.46 (R)	2.18	
Q	0.65	2.02 (R)	
R	0.43	1.82 (R)	
S	0.46	1.92 (R)	
T	0.65	1.79	
V	0.69	1.79 (I)	
W	0.46	1.69 (R)	
X	0.59	2.02 (R)	
Y	0.82 (R)	2.64	

SEASONAL CHANGES:

The summer season is April 1 through October 31, and the winter season is November 1 through March 31. Baseline quantities for bills that include the April 1 and November 1 seasonal changeover dates will be calculated by multiplying the applicable daily baseline quantity for each season by the number of days in each season for the billing period.

STANDARD MEDICAL QUANTITIES:

Additional medical quantities (Code M) are available as provided in Rule 19.

SURCHARGES:

Customers served under this schedule in conjunction with Schedule G-CT, or in conjunction with noncore service, are subject to a franchise fee surcharge under Schedule G-SUR for gas volumes purchased from parties other than PG&E and transported by PG&E.

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

ALTERNATIVE PROCUREMENT OPTION:

Customers may procure gas supply from a party other than PG&E by taking this schedule in conjunction with Schedule G-CT—Core Gas Aggregation Service. Customers who procure their own gas supply will not pay the Procurement Charge component of this rate schedule shown above and will be subject to the applicable rates specified in Schedule G-CT.

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

Schedule No. CH-1-R
Chico-Hamilton City Tariff Area
RESIDENTIAL METERED SERVICE

This tariff has been filed with the California Public Utilities Commission and is effective 2/1/12, subject to refund, until final commission approval.

APPLICABILITY

Applicable to all metered water service provided to single-family residential customers.

TERRITORY

Chico and vicinity, Butte County, and Hamilton City and vicinity, Glenn County.

RATES

Quantity Rates:

For the first 1,000 cubic feet, per 100 cubic feet.....	\$0.8852	(I)
For the next 2,100 cubic feet, per 100 cubic feet.....	0.9485	
For all over 3,100 cubic feet, per 100 cubic feet.....	1.0117	(I)

Service Charge:	Per Meter Per Month	
For 5/8 x 3/4 - inch meter	\$13.99	(I)
For 3/4 - inch meter	20.98	
For 1 - inch meter	34.97	
For 1-1/2 - inch meter	69.93	
For 2 - inch meter	111.90	
For 3 - inch meter	209.80	
For 4 - inch meter	349.67	
For 6 - inch meter	637.68	
For 8 - inch meter	973.91	
For 10 - inch meter	1,608.50	
For 12 - inch meter	2,307.84	
For 14 - inch meter	3,147.06	(I)

The service charge is a readiness-to-serve charge which is applicable to all metered service and to which is added the charge for water used computed at the quantity rates.

SPECIAL CONDITIONS

1. All bills are subject to the reimbursement fees set forth on Schedule UF.
2. All bills are subject to any applicable surcharges on Schedules RSF and LIRA-SC.
3. Qualifying low-income individually metered residential customers are eligible for credits as shown on Schedule LIRA.
4. A capital infrastructure surcharge of \$0.0120 per 100 Cu. Ft. of water used is to be applied to the quantity rates, beginning December 20, 2010, the effective date of Advice Letter 2014, as authorized in Decision 08-07-008.
5. An ICBA surcredit of \$0.1840 per service per month is to be added to each bill for 12 months beginning April 1, 2011, the effective date of Advice Letter 2024-A, in accordance with Commission Decision 10-12-017.
6. A conservation surcredit of \$0.12 per service per month is to be added to each bill for 12 month: beginning April 1, 2011, the effective date of Advice Letter 2026, in accordance with Commission Decision 10-12-017.
7. A WRAM-MCBA true-up surcharge of \$0.0625 per 100 cu. ft. of water used is to be applied to the quantity rates for 24 months beginning April 14, 2011, the effective date of Advice Letter 2029-A
8. An expense adjustment surcredit of \$0.0011 per 100 Cu. Ft. of water used is to be applied to the quantity rates for 12 months, beginning February 1, 2012, the effective date of Advice Letter 2056-A, as authorized in Decision 10-12-017. (N)

chico

RE: Public Hearing re: Increase in Sewer Service Rates
Meeting Date: June 7, 2011
Page 2


	Current	FY 11-12	FY 12-13	FY 13-14
Fixed Rate Payments				
City Residential	\$16.75	\$20.44	\$22.08	\$22.74
Non-Residential	\$16.75	\$20.44	\$22.08	\$22.74
County Residential	\$17.44	\$21.28	\$22.98	\$23.67
Variable Rate Payments (CCF's)				
Restaurants	\$4.33	\$5.28	\$5.70	\$5.87
Markets & Bakeries	\$4.33	\$5.28	\$5.70	\$5.87
Car Washes	\$2.16	\$2.64	\$2.85	\$2.94
Other Commercial	\$2.00	\$2.44	\$2.63	\$2.71
Public Authority	\$2.00	\$2.44	\$2.63	\$2.71
Brewery	\$6.43	\$7.84	\$8.47	\$8.72

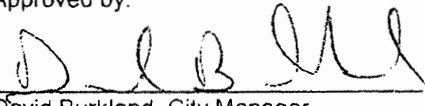
PUBLIC CONTACT:

Notification of tonight's public hearing was mailed to approximately 19,100 sewer customers on April 19, 2011.

Reviewed by:

Approved by:


Fritz McKinley, Building & Development Services Director


David Burkland, City Manager

DISTRIBUTION:

- City Clerk (18)
- BDSM McKinley
- GSDD Martinez
- FD Hennessy
- PM Hansen
- WWTP Manager Sulik
- AM Fields
- Tamara Miller, MPM Engineering

ATTACHMENTS:

- Public Hearing Notice

FILE: Sewer Service Rate Increase 2011

Trash Collection - 05/07/12

Northern Recycling and Waste Mgmt Paradise	Phone 876-3340
35gal trash \$22.67/mo 65gal trash \$29.47/mo 95gal trash \$32.87/mo Residential Services are billed quarterly.	
Magalia	
35gal trash \$20.15/mo 65gal trash \$26.70/mo 95gal trash \$29.75/mo	

North Valley Waste Mgmt	893-4777
Gridley	
35gal trash \$22.33/mo 64gal trash \$33.46 96gal trash \$44.62	
Chico	
35gal trash \$11.90/mo 64gal trash \$18.90/mo 96gal trash \$23.85/mo	
Oroville	
35gal trash \$18.97/mo 64gal trash \$22.84/mo 96gal trash \$25.62/mo	
Butte County	
35gal trash \$18.97/mo 64gal trash \$22.84/mo 96gal trash \$25.62/mo	
Orland - City	
64gal trash \$17.81 96gal trash \$25.40	
Orland - County	
32gal trash \$22.08/mo 64gal trash \$24.03/mo 96gal trash \$33.59/mo	
Willows - City	
64gal trash \$17.81 96gal trash \$25.40	
Glenn Cty	
32gal trash \$22.08/mo 64gal trash \$24.03/mo 96gal trash \$33.59/mo	

Recology	Phone 533-4783
Oroville (City)	
32gal trash \$18.73/mo 64gal trash \$24.46/mo 96gal trash \$25.96/mo	
Chico	
32gal trash \$11.80/mo 64gal trash \$18.90/mo 96gal trash \$23.85/mo	
Magalia	
32gal trash \$22.69/mo 64gal trash \$25.45/mo 96gal trash \$26.84/mo	
Kelly Ridge/Thermalito	
32gal trash \$23.21/mo 64gal trash \$27.36/mo 96gal trash \$28.73/mo	
County Areas	
32gal trash \$25.25/mo 64gal trash \$29.49/mo 96gal trash \$30.91/mo	