

May 2020

# Utility Allowances

## HOUSING AUTHORITY OF THE COUNTY OF MERCED

*Merced, California*



**UPDATE REPORT**

**PUBLIC HOUSING**

**UTILITY ALLOWANCE SURVEY AND STUDY**

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Utility®  
Allowances**

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# OBJECTIVES AND METHODOLOGY

# OBJECTIVES AND METHODOLOGY

## PUBLIC HOUSING ANNUAL UPDATE 2020

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*This study was conducted in compliance with the Public Housing Utility Allowance HUD Regulations 24CFR 965, Subpart E – Resident Allowances for Utilities, and HUD’s Utility Allowance Guidebook.*

### **Utility Rate Comparison**

Prior to beginning this update study for the **Housing Authority of the County of Merced, CA**, as required by HUD regulations 24 CFR 965.507(b), a comparison (annual review) was made of the utility rates and charges (**dated: May 2019**) utilized in the development of the currently adopted utility allowances and the current utility rates and charges (**dated: May 2020**). This comparison indicated that Pacific Gas & Electric’s tier-1 CARE rates increased 10%, and the climate credit changed from -\$4.62 to -\$3.89 causing a 16% increase. Pacific Gas & Electric’s natural gas tier-1 CARE rates decreased 1%, tier-2 CARE rates decreased 5%, and the climate credit changed from -\$2.12 to -\$2.27 causing a 7% decrease. (See “Comparison of Previous and Current Utility Rates” in Support Documentation section of this report.) Since the utility provider’s **rates** have changed more than 10%, the utility allowances will be adjusted. This does not mean that **utility allowances** will change by the actual percentage values listed above.

### **Objective**

The objective of this survey and study is to update utility allowances with current utility provider’s rates and charges for electric and natural gas for the **Housing Authority of the County of Merced, CA**. The Agency has 421 dwelling units at 13 developments where residents pay both of these utilities. Additionally, some of the developments have energy efficient windows. These allowances are based upon a reasonable consumption, from a previous engineering method study of an energy conservative family of modest circumstances and to provide for the basic essentials needed for a living environment that is safe, sanitary and healthful.

## ***Methodology***

The following steps were taken by a utility allowance specialist to accomplish the above objective.

### ***1. Obtaining Current Utility Rates and Charges***

The following information was obtained by a rate specialist and input in the Utility Providers Residential Rates and Charges document:

- a. Documentation on current residential **electric** summer and winter CARE rates and charges from **Pacific Gas & Electric (PG&E)** through their internet website and telephone inquiries.
- b. Documentation on current residential **natural gas** summer and winter CARE rates and charges from **Pacific Gas & Electric (PG&E)** through their internet website and telephone inquiries.

Residents do not pay for water, sewer, or trash collection utilities/services.

### ***2. Comparison of Utility Rates***

A rate specialist created charts comparing the previously applied electric and natural gas rates and charges (May 2019) for each provider to the current utility rates and charges (May 2020). These charts calculate a percentage difference in utility rates.

Then the rate specialist analyzed the rate comparisons and emailed the draft charts to the Agency with a recommendation to adjust current utility allowances due to a greater than 10% change in utility rates and charges (HUD regulations 24 CFR 965.507(b)). The Agency chose to update allowances even though there was not a 10% or greater change in utility rates and charges.

### ***3. Data Gathering***

- a. *Currently Adopted Utility Allowances*

We utilized a copy of proposed monthly Utility Allowances from previous study since the Agency did adopt those proposed utility allowances.

b. *Monthly Utility Consumption Averages*

In a previous study models of the Agency's Public Housing units were created by qualified licensed professionals, and consumption averages were obtained using an engineering method. The consumption averages that were affected by weather conditions were climatically adjusted with a 30-year Heating Degree Day factor (see explanation of factor below).

Since the average base consumptions developed in a previous study will not be adjusted, we gathered and utilized a copy of these monthly consumptions for back-up documentation to this study.

*Note: HUD regulations for Public Housing (24 CFR 965.505 (e)) do not allow for air conditioning in the utility allowances, therefore air conditioning consumptions were eliminated from the consumption totals.*

c. *Climatic Data*

In a previous study climatic data was gathered for the City of **Fresno, California** (Annual Summary report 2015) from the National Oceanographic and Atmospheric Administration National Climatic Data Center (NCDC). Fresno is the nearest location with recorded data. This data is used to develop a 30-year Heating Degree Day (HDD) factor that is then applied to the average winter heating consumption totals to make additional adjustments and normalize the consumptions.

The 30-year Heating Degree Day (HDD) factor did not change and is **1.04**.

Since this factor is still the same the consumptions were not adjusted.

#### 4. *Utility Allowance Adjustments*

The following process was conducted by a utility allowance specialist:

- a. Updated the **electric** Cost of Consumption calculation charts, from the previous study, for each development and applicable bedroom size with **P G & E's** current CARE utility rates and charges. A weighted average was then calculated and applied to the utility allowance totals.
- b. Updated the **natural gas** Cost of Consumption calculation charts, from the previous study, for each development and applicable bedroom size with **P G &**

**E's** current CARE utility rates and charges. A weighted average was then calculated and applied to the utility allowance totals.

Residents do not pay for water, sewer, or trash collection utilities/services.

The updated utility allowances were entered into Chart 1 – Proposed Monthly Utility Allowances, found in the Survey and Study Results section of this report.

## 5. *Utility Allowance Schedule*

Utility Allowance Schedules are not subject to approval by HUD before becoming effective, but will be reviewed in the course of audits or reviews of Agency operations (24 CFR 965.502(d)).

## 6. *Notification, Display and Comment Period*

Per HUD regulations (24 CFR 965.502(c)), "adjustments to resident payments as a result of such changes" (adjustments made due to a result of rate changes of 10% or more) "shall be retroactive to the first day of the last rate change taken into account in such revision became effective. Such rate changes **shall not be subject to the sixty (60) day notice requirement of §965.502(c).**"

## 8. *Support Documentation*

Per HUD regulations (24 CFR 965.502(b)) the Agency must maintain a record that documents the basis on which allowances and scheduled surcharges, and revisions thereof, are established and revised. Such record shall be available for inspection by residents (24 CFR 965.502(c)).

This report contains a copy of all such supporting documentation.

## 9. *Annual Update*

HUD regulations (24 CFR 965.207) state that housing authorities shall **review allowances at least annually** and revise allowances established if there has been a **10% increase or decrease** in utility rate and charges. If an annual adjustment is not made to the current utility allowances, the agency must monitor utility rates and charges to see if a rate has changed, by itself or together with prior rate change, not adjusted for, resulting in a change of 10% or more since the last utility allowance update. This interim adjustment helps Agencies avoid costly back charges and rent

adjustments. ResidentLife Utility Allowances® provides a quarterly Rate Monitoring Service.

## 10. *Individual Relief*

We have included Individual Relief Medical Equipment Allowances in the Survey and Study Results section of this report.

Please note that notice of the availability of relief from surcharges or payment of utility provider billings in excess of the allowances for resident-purchased utilities should be included in each notice to residents given in accordance with §965.502(c) and in the information given to new residents upon admission. Agencies should have written procedures regarding Individual Relief in their Admission and Continued Occupancy (ACOP) policies.



## SURVEY AND STUDY RESULTS

# SURVEY AND STUDY RESULTS

## PUBLIC HOUSING

### ANNUAL UPDATE 2020

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The HUD Regulation (24 CFR 965.507(a) & (b)) requirement of a comparison of the utility providers' rates and charges was conducted and indicated **a greater than 10% change in utility rates and charges** since the 2019 study was conducted. (Refer to page 2, Utility Rate Comparison, and/or Comparison of Previous and Current Utility Rates in the Support Documentation section of this report.) Therefore, the **Housing Authority of the County of Merced, CA** is updating utility allowances for electricity and natural gas for their Public Housing (Conventional) developments where residents pay both of these utilities. The Agency has 421 dwelling units at 13 developments where residents pay both of these utilities. Additionally, some of the developments have energy efficient windows. The proposed utility allowances are shown in Chart 1 on the following pages.

*This study was conducted in compliance with the Public Housing Utility Allowance HUD Regulations 24CFR 965, Subpart E – Resident Allowances for Utilities.*

### ***Comparison of Utility Allowances***

A comparison of the Agency's currently adopted Public Housing monthly utility allowances (effective date: 2019) and the proposed monthly utility allowances from this study are shown in Chart 2. The chart is broken down by development, building type, fuel end-use equipment, and bedroom size.

### ***Results of Utility Allowance Comparison***

Chart 2 shows increases in proposed utility allowances for all developments and for all bedroom sizes. Increases range from \$1.00 to \$4.00 and are due to a rise in Pacific Gas & Electric's electric rates and charges. Note that the increase in electric allowances offset the decrease in natural gas allowances.

### ***2021 Annual Update Recommendation***

It is recommended that a new consumption study be conducted at the 2021 annual update. The last adjustment to consumptions was in 2016. Climatic changes and/or possible energy improvements may affect the average consumptions used.

Z:\2020\2020 Utility Allowances\Agency Studies 2020\Merced Co, CA\PH Update 2020\0200b-Merced Co CA-PH UP-Survey Results.docx



# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### MONTHLY UTILITY ALLOWANCE SCHEDULE

Effective Date:

#### Building Type: Row House/Townhouse & Semi-Detached/Duplex

Merced CA-23-01, 10, 13, 24, Los Banos 02, 04, 11, Dos Palos 05, 12C, D, Atwater 03, 12A, Winton 12B, Livingston 06						
	OBR	1BR	2BR	3BR	4BR	5BR
Electric & Natural Gas		\$46.00	\$60.00	\$73.00	\$85.00	

#### Building Type: Detached House

Merced CA-23-01, 10, 21, Atwater 03, 23						
	OBR	1BR	2BR	3BR	4BR	5BR
Electric & Natural Gas		\$67.00	\$83.00	\$101.00	\$116.00	

#### All Building Types

All Developments						
	OBR	1BR	2BR	3BR	4BR	5BR
Refrigerator		\$12.00	\$12.00	\$12.00	\$12.00	

Refrigerator Purchase/Lease: \$500.00 (includes tax) @ 14.95% add-on interest for 60 months = \$12.00



**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**PROPOSED MONTHLY UTILITY ALLOWANCES**

**Chart 1**

**UPDATE 2020**

**Building Type: Semi-Detached/Duplex**

<b>Merced CA-23-01, Los Banos 02, Dos Palos 05</b>	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (L&A)		\$22.00	\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)		\$26.00	\$35.00	\$40.00	\$46.00	
Totals (Semi-Detached)		\$48.00	\$63.00	\$75.00	\$88.00	
<b>Atwater CA-23-03</b>	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (L&A)		\$22.00	\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)		\$26.00	\$35.00	\$40.00	\$46.00	
Totals (Semi-Detached)		\$48.00	\$63.00	\$75.00	\$88.00	
<b>Los Banos CA-23-04, 11, Atwater 12A, Winton 12B, Dos Palos 12 C, D (EE Equip: Win)</b>	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (L&A)		\$22.00	\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)		\$24.00	\$33.00	\$38.00	\$42.00	
Totals (Semi-Detached)		\$46.00	\$61.00	\$73.00	\$84.00	
<b>Livingston CA-23-06, Merced 10 (EE Equip: Win)</b>	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (L&A)		\$22.00	\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)		\$24.00	\$33.00	\$38.00	\$42.00	
Totals (Semi-Detached)		\$46.00	\$61.00	\$73.00	\$84.00	

**Building Type: Row House/Townhouse**

<b>Livingston CA-23-06 (EE Equip: Win)</b>	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (L&A)		\$22.00	\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)		\$22.00	\$29.00	\$34.00	\$38.00	
Totals (Row House)		\$44.00	\$57.00	\$69.00	\$80.00	

*continued...*

A monthly average cost of the summer and winter adjustments were used for the electric and natural gas costs.

L&A= Lights & Appliances

WH= Water Heating EE Equip= Energy Efficient Equipment

H= Space Heating

C= Cooking

Win= Windows

**Note: Public Housing utility allowances are calculated similar to method used by each utility provider. These allowances are not calculated by end use (like the Section 8 HCV Program), but by total usage for each utility type. Utility providers' monthly charges are included in the calculations.**

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

<b>Merced CA-23-13 (Electric Stove)</b> <b>(EE Equip: Win)</b>	0BR	<b>1BR</b>	2BR	3BR	4BR	5BR
Electricity (L&A,C)		\$29.00				
Natural Gas (H,WH)		\$17.00				
Totals (Row House)		\$46.00				
<b>Merced CA-23-13 (Gas Stove)</b> <b>(EE Equip: Win)</b>	0BR	<b>1BR</b>	2BR	3BR	4BR	5BR
Electricity (L&A)		\$22.00				
Natural Gas (H,WH,C)		\$23.00				
Totals (Row House)		\$45.00				
<b>Merced CA-23-24 (EE Equip: Win)</b>	0BR	1BR	<b>2BR</b>	3BR	4BR	5BR
Electricity (L&A)			\$28.00			
Natural Gas (H,WH,C)			\$29.00			
Totals (Row House)			\$57.00			
<b>Monthly Average Totals</b>		<b>\$46.00</b>	<b>\$60.00</b>	<b>\$73.00</b>	<b>\$85.00</b>	

**Building Type: Detached House**

<b>Merced CA-23-01</b>	0BR	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	5BR
Electricity (L&A)		\$22.00	\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)		\$45.00	\$57.00	\$68.00	\$76.00	
Totals (Detached House)		\$67.00	\$85.00	\$103.00	\$118.00	
<b>Atwater CA-23-03</b>	0BR	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	5BR
Electricity (L&A)		\$22.00	\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)		\$45.00	\$57.00	\$68.00	\$76.00	
Totals (Detached House)		\$67.00	\$85.00	\$103.00	\$118.00	
<b>Merced CA-23-10</b> <b>(EE Equip: Win)</b>	0BR	1BR	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	5BR
Electricity (L&A)			\$28.00	\$35.00	\$42.00	
Natural Gas (H,WH,C)			\$51.00	\$62.00	\$69.00	
Totals (Detached House)			\$79.00	\$97.00	\$111.00	
<b>Merced CA-23-21, Atwater 23</b> <b>(Electric Stove)</b>	0BR	1BR	2BR	<b>3BR</b>	4BR	5BR
Electricity (L&A,C)				\$45.00		
Natural Gas (H,WH)				\$55.00		
Totals (Detached House)				\$100.00		
<b>Merced CA-23-21, Atwater 23</b> <b>(Gas Stove)</b>	0BR	1BR	2BR	<b>3BR</b>	4BR	5BR
Electricity (L&A)				\$35.00		
Natural Gas (H,WH,C)				\$66.00		
Totals (Detached House)				\$101.00		
<b>Monthly Average Totals</b>		<b>\$67.00</b>	<b>\$83.00</b>	<b>\$101.00</b>	<b>\$116.00</b>	

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**COMPARISON OF CURRENT AND PROPOSED UTILITY ALLOWANCES**

Chart 2

**UPDATE 2020**

Development	Bedroom Size	Current Allowance	Proposed* Allowance	Difference**
<b>Merced CA-23-01, Los Banos 02, Dos Palos 05 (Semi-Detached)</b>	1	\$44.00	<b>\$46.00</b>	<b>\$2.00</b>
	2	\$58.00	<b>\$60.00</b>	<b>\$2.00</b>
	3	\$70.00	<b>\$73.00</b>	<b>\$3.00</b>
	4	\$81.00	<b>\$85.00</b>	<b>\$4.00</b>
<b>Merced CA-23-01 (Detached House)</b>	1	\$65.00	<b>\$67.00</b>	<b>\$2.00</b>
	2	\$81.00	<b>\$83.00</b>	<b>\$2.00</b>
	3	\$100.00	<b>\$101.00</b>	<b>\$1.00</b>
	4	\$114.00	<b>\$116.00</b>	<b>\$2.00</b>
<b>Atwater CA-23-03 (Semi-Detached)</b>	1	\$44.00	<b>\$46.00</b>	<b>\$2.00</b>
	2	\$58.00	<b>\$60.00</b>	<b>\$2.00</b>
	3	\$70.00	<b>\$73.00</b>	<b>\$3.00</b>
	4	\$81.00	<b>\$85.00</b>	<b>\$4.00</b>
<b>Atwater CA-23-03 (Detached House)</b>	1	\$65.00	<b>\$67.00</b>	<b>\$2.00</b>
	2	\$81.00	<b>\$83.00</b>	<b>\$2.00</b>
	3	\$100.00	<b>\$101.00</b>	<b>\$1.00</b>
	4	\$114.00	<b>\$116.00</b>	<b>\$2.00</b>
<b>Los Banos CA-23-04,11, Atwater 12A, Winton 12B, Dos Palos 12C, D (Semi-Detached)</b>	1	\$44.00	<b>\$46.00</b>	<b>\$2.00</b>
	2	\$58.00	<b>\$60.00</b>	<b>\$2.00</b>
	3	\$70.00	<b>\$73.00</b>	<b>\$3.00</b>
	4	\$81.00	<b>\$85.00</b>	<b>\$4.00</b>
<b>Livingston CA-23-06 (Semi-Detached)</b>	1	\$44.00	<b>\$46.00</b>	<b>\$2.00</b>
	2	\$58.00	<b>\$60.00</b>	<b>\$2.00</b>
	3	\$70.00	<b>\$73.00</b>	<b>\$3.00</b>
	4	\$81.00	<b>\$85.00</b>	<b>\$4.00</b>
<b>Livingston CA-23-06, Merced 10 (Row House, Semi-Detached)</b>	1	\$44.00	<b>\$46.00</b>	<b>\$2.00</b>
	2	\$58.00	<b>\$60.00</b>	<b>\$2.00</b>
	3	\$70.00	<b>\$73.00</b>	<b>\$3.00</b>
	4	\$81.00	<b>\$85.00</b>	<b>\$4.00</b>

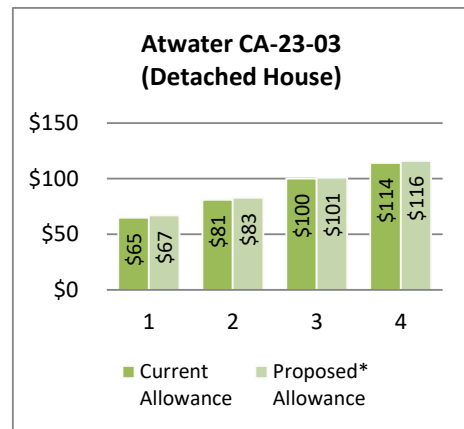
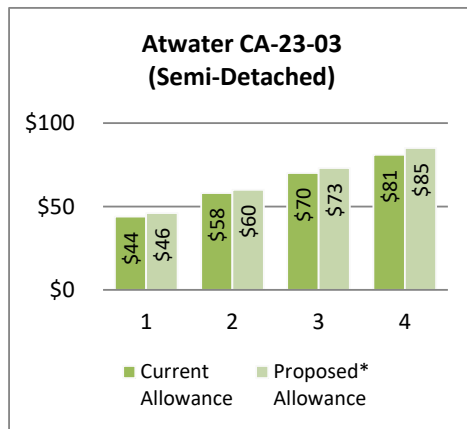
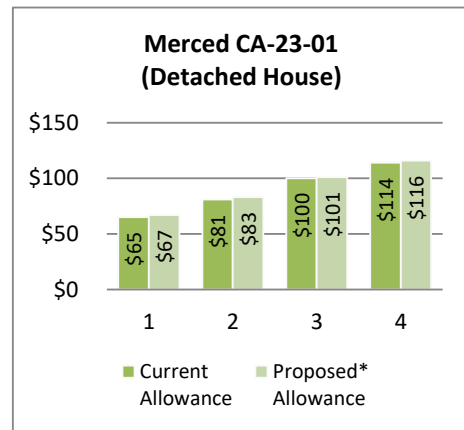
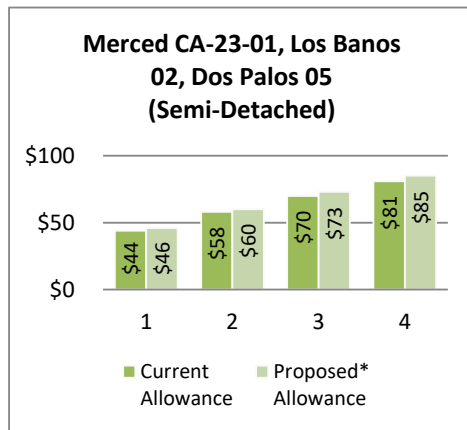
Proposed allowances include the average for electric and natural gas summer and winter months.

\*Proposed allowances were rounded to the nearest dollar.

\*\*After rounding.

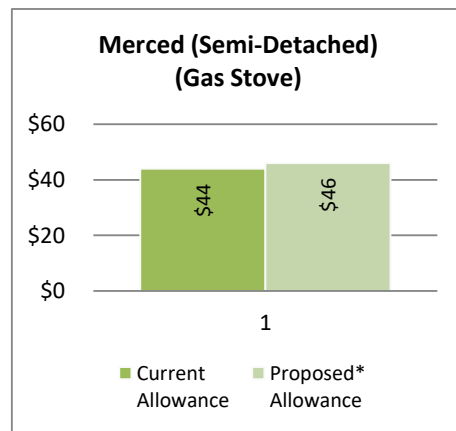
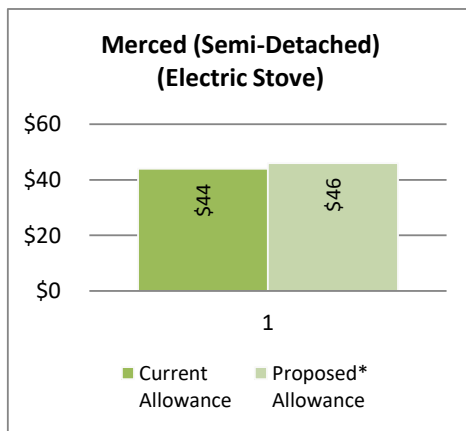
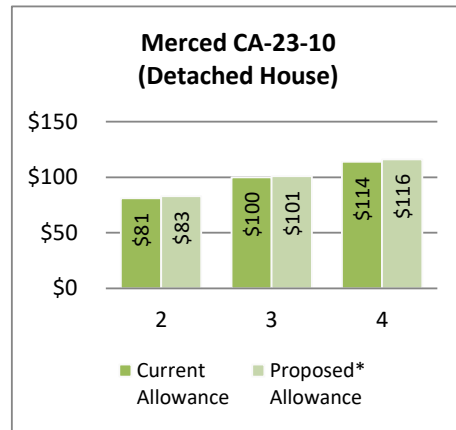
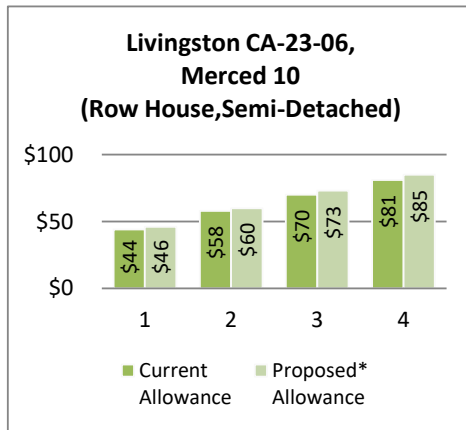
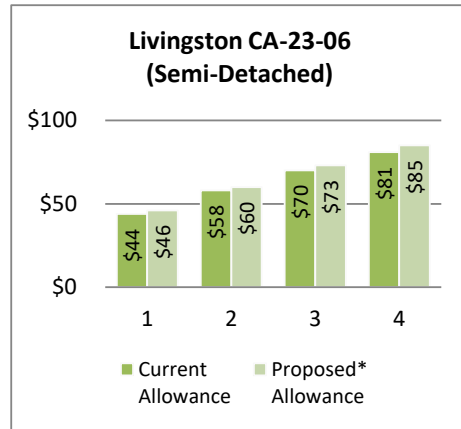
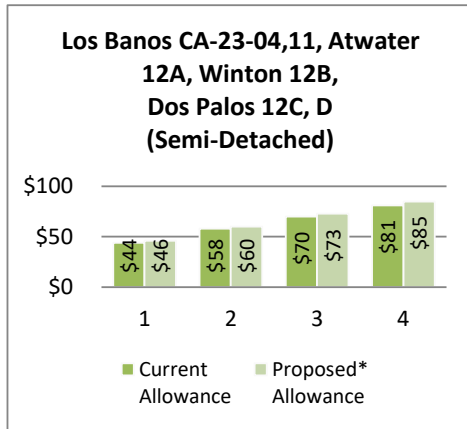
**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

Development	Bedroom Size	Current Allowance	Proposed* Allowance	Difference**
<b>Merced CA-23-10</b> (Detached House)	2	\$81.00	<b>\$83.00</b>	<b>\$2.00</b>
	3	\$100.00	<b>\$101.00</b>	<b>\$1.00</b>
	4	\$114.00	<b>\$116.00</b>	<b>\$2.00</b>
<b>Merced CA-23-13</b> (Semi-Detached) (Electric Stove)	1	\$44.00	<b>\$46.00</b>	<b>\$2.00</b>
<b>Merced CA-23-13</b> (Semi-Detached) (Gas Stove)	1	\$44.00	<b>\$46.00</b>	<b>\$2.00</b>
<b>Merced CA-23-21, Atwater 23</b> (Detached House) (Electric Stove)	3	\$100.00	<b>\$101.00</b>	<b>\$1.00</b>
<b>Merced CA-23-21, Atwater 23</b> (Detached House) (Gas Stove)	3	\$100.00	<b>\$101.00</b>	<b>\$1.00</b>
<b>Merced CA-23-24 (Semi-Detached)</b>	2	\$58.00	<b>\$60.00</b>	<b>\$2.00</b>



# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

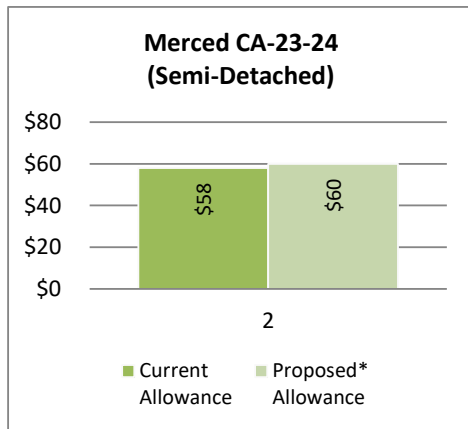
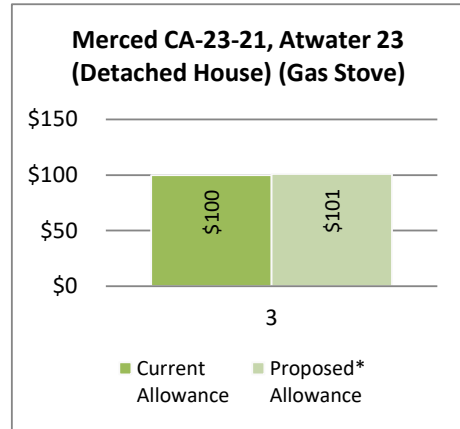
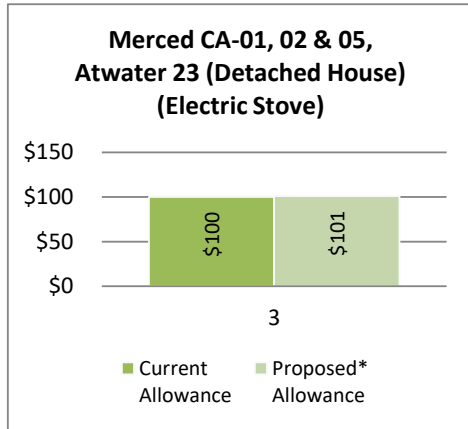
## PUBLIC HOUSING





# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING



**Individual Relief**  
**Medical Equipment Allowances**  
**Electric Provider: Pacific Gas & Electric**

Item	Hours per Day	Wattage	Monthly kWh	Energy Charge	Utility Allowance
Oxygen Concentrator	18	400	223	0.153663	\$34.00
Nebulizer	2	75	5	0.153663	\$1.00
Electric Hospital Bed	0.2	200	1	0.153663	\$1.00
Alternating Pressure Pad	24	70	52	0.153663	\$8.00
Low Air-Loss Mattress	24	120	89	0.153663	\$14.00
Power Wheelchair/Scooter	3	360	33	0.153663	\$5.00
Feeding Tube Pump	24	120	89	0.153663	\$14.00
CPAP Machine	10	30	9	0.153663	\$1.00
Leg Compression Pump	24	30	22	0.153663	\$3.00
Dialysis Machine/Equipment	2	710	44	0.153663	\$7.00

**Oxygen Concentrator**

Use per day varies, assume 12-14 hours a day.  
The 5-Liter model uses 400 W, the 3-Liter model uses 320 W.

**Nebulizer**

A medicine delivery system used mostly for pediatric care.  
Used 4-6 times a day for 20 minutes at a time at 75W.

**Semi/Fully Electric Hospital Bed**

Use depends on adjustments. 200 W.

**Alternating Pressure Pad**

An air-filled mattress overlay.  
Used 24 hours a day for someone who is bed-ridden.

**Low Air-Loss Mattress**

Takes the place of mattress - air -filled pressurized mattress.  
Cycles air around every 15-20 minutes.

**Power Wheelchairs and Scooters**

Need to be charged approximately 8 hours every 3 days.  
Batteries are 120 V, 3 Amp, 360 W.

**Feeding Tube Pump (Continuous Feed)**

A pump delivers a constant amount of formula throughout the day or night.

**CPAP Machine**

Used for Sleep Apnea. Machines run only at night for people who have a tendency to stop breathing at night. At maximum pressure use is 40 Watts. On average - 30 Watts.

**Leg Compression Pump**

Provides intensive compression therapy. Use varies, generally from 8-24 hours daily.

**Dialysis Machine/Equipment (Small/Portable)**

Filters a patient's blood to remove excess water and waste products. Used 2 hours daily.

# MONTHLY CONSUMPTION TOTALS & BUILDING TYPE DESCRIPTIONS

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### MONTHLY UTILITY CONSUMPTION TOTALS

Consumptions developed in a previous study using an engineering method - 2016  
(Heating consumptions climatically adjusted with a 30-year HDD factor - 2015)

#### Building Type: Semi-Detached/Duplex

<b>Merced CA-23-01, Los Banos 02, Dos Palos 05</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168	209	256	300	
Natural Gas (ccfs) S(WH,C)		17	22	24	26	
Natural Gas (ccfs) W(H,WH,C)		36	46	54	60	

#### Building Type: Semi-Detached/Duplex

<b>Atwater CA-23-03</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168	209	256	300	
Natural Gas (ccfs) S(WH,C)		17	22	24	26	
Natural Gas (ccfs) W(H,WH,C)		36	46	54	60	

#### Building Type: Semi-Detached/Duplex

<b>Los Banos CA-23-04,11, Atwater 12A, Winton 12B, Dos Palos 12C,D (EE Equip: Win)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168	209	256	300	
Natural Gas (ccfs) S(WH,C)		17	22	24	26	
Natural Gas (ccfs) W(H,WH,C)		32	41	48	54	

#### Building Type: Semi-Detached/Duplex

<b>Livingston CA-23-06, Merced 10 (EE Equip: Win)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168	209	256	300	
Natural Gas (ccfs) S(WH,C)		17	22	24	26	
Natural Gas (ccfs) W(H,WH,C)		32	41	48	54	

L&A= Lights & Appliances  
H= Space Heating  
WH= Water Heating  
C= Cooking

EE Equip= Energy Efficient Equipment  
Win= Windows

S= Summer  
W= Winter

Summer: June - September (4), Winter: October - May (8)  
Seasons based on Pacific Gas & Electric's electric summer & winter months.

Summer: April - October (7), Winter: November - March (5)  
Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### Building Type: Row House/Townhouse

<b>Livingston CA-23-06 (EE Equip: Win)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168	209	256	300	
Natural Gas (ccfs) S(WH,C)		16	20	22	24	
Natural Gas (ccfs) W(H,WH,C)		30	36	43	48	

### Building Type: Row House/Townhouse

<b>Merced CA-23-13 (Electric Stove)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A,C)		215				
Natural Gas (ccfs) S(WH)		11				
Natural Gas (ccfs) W(H,WH)		27				

### Building Type: Row House/Townhouse

<b>Merced CA-23-13 (Gas Stove)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168				
Natural Gas (ccfs) S(WH,C)		16				
Natural Gas (ccfs) W(H,WH,C)		32				

### Building Type: Row House/Townhouse

<b>Merced CA-23-24 (EE Equip: Win)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)			209			
Natural Gas (ccfs) S(WH,C)			20			
Natural Gas (ccfs) W(H,WH,C)			36			

### Building Type: Detached House

<b>Merced CA-23-01</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168	209	256	300	
Natural Gas (ccfs) S(WH,C)		26	31	34	37	
Natural Gas (ccfs) W(H,WH,C)		59	70	84	92	

### Building Type: Detached House

<b>Atwater CA-23-03</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)		168	209	256	300	
Natural Gas (ccfs) S(WH,C)		26	31	34	37	
Natural Gas (ccfs) W(H,WH,C)		59	70	84	92	

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### Building Type: Detached House

<b>Merced CA-23-10 (EE Equip: Win)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)			209	256	300	
Natural Gas (ccfs) S(WH,C)			31	34	37	
Natural Gas (ccfs) W(H,WH,C)			62	74	82	

### Building Type: Detached House

<b>Merced CA-23-21, Atwater 23 (Electric Stove)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A,C)				318		
Natural Gas (ccfs) S(WH)				27		
Natural Gas (ccfs) W(H,WH)				73		

### Building Type: Detached House

<b>Merced CA-23-21, Atwater 23 (Gas Stove)</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Electricity (kWh) (L&A)				256		
Natural Gas (ccfs) S(WH,C)				34		
Natural Gas (ccfs) W(H,WH,C)				80		

## Building Type (Structure) Descriptions

1. Apartment/Walk-Up/Condominium/Garden Apartment/Low-Rise/Flat (Apt)
  - a. Building with a group of 3 individual units with common walls; attached to other units; separate entrances, and may have common staircases.
  - b. Each building may have an end unit, inside unit, top unit, bottom unit, etc. Building will have 2 or more stories.
  - c. Usually, but not always, there will be units on both sides of building.
2. High Rise Apartment (H-R)

A multi-unit building; 5 or more stories; sharing one or more common entrances. May have an elevator.
3. Row House/Townhouse/Triplex/Fourplex/Multiplex (RH)
  - a. An individual unit attached to other individual units; 2 or more common walls; separate ground level entrances; 1 or 2 story units.
  - b. Each building will have end units and inside units.
  - c. Fourplex units usually share 2 common walls; can be square-shaped or L-shaped.
  - d. Triplex building can be V-shaped.
4. Semi-Detached/Duplex (S-D or SD)

Building with 2 individual housing units; with separate entrances; one common wall; 1 or 2 story units.
5. Detached House (DH)

A detached building intended to house one family; sits on its own piece of land; not attached to another dwelling.

## UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS



# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### ELECTRICITY - Pacific Gas & Electric

UPDATE 2020

**Merced CA-23-01, Los Banos 02, Dos**

**Palos 05**

**Building Type: Semi-Detached/Duplex**

Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Monthly Charges Per Month						
-\$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Monthly Charges Per Month						
-\$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$87.74	\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8		\$175.47	\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

Merced CA-23-01, Los Banos 02, Dos

Palos 05

Building Type: Semi-Detached/Duplex

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Summer</b>		17	22	24	26	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF	1.10294	\$15.44	\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF	1.51682	\$4.55	\$12.13	\$15.17	\$18.20	
<b>Total Monthly Cost - Summer</b>		<b>\$17.72</b>	<b>\$25.30</b>	<b>\$28.34</b>	<b>\$31.37</b>	

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Winter</b>		36	46	54	60	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF	1.10294	\$39.71	\$50.74	\$59.56	\$60.66	
Total Energy Charges (over 55) Per CCF	1.51682				\$7.58	
<b>Total Monthly Cost - Winter</b>		<b>\$37.44</b>	<b>\$48.47</b>	<b>\$57.29</b>	<b>\$65.97</b>	

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer Annual Avg</b>	7		\$124.04	\$177.10	\$198.38	\$219.59	
<b>Winter Annual Avg</b>	5		\$187.20	\$242.35	\$286.45	\$329.85	
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$25.94</b>	<b>\$34.95</b>	<b>\$40.40</b>	<b>\$45.79</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Atwater CA-23-03**

**Building Type: Semi-Detached/Duplex**

Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Montly Charges Per Month						
- \$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Montly Charges Per Month						
- \$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$87.74	\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8		\$175.47	\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

Atwater CA-23-03

Building Type: Semi-Detached/Duplex

Monthly Average Unit Consumption ccf for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
		17	22	24	26	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF	1.10294	\$15.44	\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF	1.51682	\$4.55	\$12.13	\$15.17	\$18.20	
<b>Total Monthly Cost - Summer</b>		<b>\$17.72</b>	<b>\$25.30</b>	<b>\$28.34</b>	<b>\$31.37</b>	

Monthly Average Unit Consumption ccf for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
		36	46	54	60	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF	1.10294	\$39.71	\$50.74	\$59.56	\$60.66	
Total Energy Charges (over 55) Per CCF	1.51682				\$7.58	
<b>Total Monthly Cost - Winter</b>		<b>\$37.44</b>	<b>\$48.47</b>	<b>\$57.29</b>	<b>\$65.97</b>	

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 7		\$124.04	\$177.10	\$198.38	\$219.59	
Winter Annual Avg 5		\$187.20	\$242.35	\$286.45	\$329.85	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$25.94</b>	<b>\$34.95</b>	<b>\$40.40</b>	<b>\$45.79</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Los Banos CA-23-04,11, Atwater**

**12A, Winton 12B, Dos Palos 12C, D**

**Building Type: Semi-Detached/Duplex**

Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Monthly Charges Per Month						
- \$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Monthly Charges Per Month						
- \$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$87.74	\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8		\$175.47	\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

Los Banos CA-23-04,11, Atwater

12A, Winton 12B, Dos Palos 12C, D

Building Type: Semi-Detached/Duplex

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Summer</b>		17	22	24	26	
California Climate Credit Per Month -\$2.27		-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF 1.10294		\$15.44	\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF 1.51682		\$4.55	\$12.13	\$15.17	\$18.20	
<b>Total Monthly Cost - Summer</b>		<b>\$17.72</b>	<b>\$25.30</b>	<b>\$28.34</b>	<b>\$31.37</b>	

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Winter</b>		32	41	48	54	
California Climate Credit Per Month -\$2.27		-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF 1.10294		\$35.29	\$45.22	\$52.94	\$59.56	
<b>Total Monthly Cost - Winter</b>		<b>\$33.02</b>	<b>\$42.95</b>	<b>\$50.67</b>	<b>\$57.29</b>	

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg	7		\$124.04	\$177.10	\$198.38	\$219.59	
<b>Winter</b> Annual Avg	5		\$165.10	\$214.75	\$253.35	\$286.45	
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$24.10</b>	<b>\$32.65</b>	<b>\$37.64</b>	<b>\$42.17</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Livingston CA-23-06, Merced 10**

**Building Type: Semi-Detached/Duplex**

Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Montly Charges Per Month						
- \$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
		168	209	256	300	
Total Montly Charges Per Month						
- \$3.89		-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH						
0.153663		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$87.74	\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8		\$175.47	\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

#### Livingston CA-23-06, Merced 10

#### Building Type: Semi-Detached/Duplex

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Summer</b>		17	22	24	26	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF	1.10294	\$15.44	\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF	1.51682	\$4.55	\$12.13	\$15.17	\$18.20	
<b>Total Monthly Cost - Summer</b>		<b>\$17.72</b>	<b>\$25.30</b>	<b>\$28.34</b>	<b>\$31.37</b>	

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Winter</b>		32	41	48	54	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF	1.10294	\$35.29	\$45.22	\$52.94	\$59.56	
<b>Total Monthly Cost - Winter</b>		<b>\$33.02</b>	<b>\$42.95</b>	<b>\$50.67</b>	<b>\$57.29</b>	

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg	7		\$124.04	\$177.10	\$198.38	\$219.59	
<b>Winter</b> Annual Avg	5		\$165.10	\$214.75	\$253.35	\$286.45	
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$24.10</b>	<b>\$32.65</b>	<b>\$37.64</b>	<b>\$42.17</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.



# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### ELECTRICITY - Pacific Gas & Electric

UPDATE 2020

#### Livingston CA-23-06

#### Building Type: Row House/Townhouse

Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>	0BR	1BR	2BR	3BR	4BR	5BR
		168	209	256	300	
Total Monthly Charges Per Month	-\$3.89	-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH	0.153663	\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>	0BR	1BR	2BR	3BR	4BR	5BR
		168	209	256	300	
Total Monthly Charges Per Month	-\$3.89	-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH	0.153663	\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg 4		\$87.74	\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8		\$175.47	\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

#### Livingston CA-23-06

#### Building Type: Row House/Townhouse

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Summer</b>		16	20	22	24	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF	1.10294	\$15.44	\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF	1.51682	\$3.03	\$9.10	\$12.13	\$15.17	
<b>Total Monthly Cost - Summer</b>		<b>\$16.20</b>	<b>\$22.27</b>	<b>\$25.30</b>	<b>\$28.34</b>	

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Winter</b>		30	36	43	48	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF	1.10294	\$33.09	\$39.71	\$47.43	\$52.94	
<b>Total Monthly Cost - Winter</b>		<b>\$30.82</b>	<b>\$37.44</b>	<b>\$45.16</b>	<b>\$50.67</b>	

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg	7		\$113.40	\$155.89	\$177.10	\$198.38	
<b>Winter</b> Annual Avg	5		\$154.10	\$187.20	\$225.80	\$253.35	
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$22.29</b>	<b>\$28.59</b>	<b>\$33.58</b>	<b>\$37.64</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Merced CA-23-13 (Electric Stove)**

**Building Type: Row House/Townhouse**

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>		215				
Total Monthly Charges Per Month						
	-\$3.89	-\$3.89				
Total Energy Charges (0-577) Per KWH						
	0.153663	\$33.04				
<b>Total Monthly Cost - Summer</b>		<b>\$29.15</b>				

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>		215				
Total Monthly Charges Per Month						
	-\$3.89	-\$3.89				
Total Energy Charges (0-350) Per KWH						
	0.153663	\$33.04				
<b>Total Monthly Cost - Winter</b>		<b>\$29.15</b>				

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$116.62				
<b>Winter</b> Annual Avg 8		\$233.23				
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$29.15</b>				

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

#### Merced CA-23-13 (Electric Stove)

#### Building Type: Row House/Townhouse

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Summer</b>		11				
California Climate Credit Per Month	-\$2.27	-\$2.27				
Total Energy Charges (0-14) Per CCF	1.10294	\$12.13				
<b>Total Monthly Cost - Summer</b>		<b>\$9.86</b>				

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Winter</b>		27				
California Climate Credit Per Month	-\$2.27	-\$2.27				
Total Energy Charges (0-55) Per CCF	1.10294	\$29.78				
<b>Total Monthly Cost - Winter</b>		<b>\$27.51</b>				

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg	7		\$69.02				
<b>Winter</b> Annual Avg	5		\$137.55				
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$17.21</b>				

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Merced CA-23-13 (Gas Stove)**

**Building Type: Row House/Townhouse**

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>		168				
Total Monthly Charges Per Month						
Per Month	-\$3.89	-\$3.89				
Total Energy Charges (0-577) Per KWH						
Per KWH	0.153663	\$25.82				
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>				

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>		168				
Total Monthly Charges Per Month						
Per Month	-\$3.89	-\$3.89				
Total Energy Charges (0-350) Per KWH						
Per KWH	0.153663	\$25.82				
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>				

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$87.74				
<b>Winter</b> Annual Avg 8		\$175.47				
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>				

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

#### Merced CA-23-13 (Gas Stove)

#### Building Type: Row House/Townhouse

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Summer</b>		16				
California Climate Credit Per Month	-\$2.27	-\$2.27				
Total Energy Charges (0-14) Per CCF	1.10294	\$15.44				
Total Energy Charges (over 14) Per CCF	1.51682	\$3.03				
<b>Total Monthly Cost - Summer</b>		<b>\$16.20</b>				

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Winter</b>		32				
California Climate Credit Per Month	-\$2.27	-\$2.27				
Total Energy Charges (0-55) Per CCF	1.10294	\$35.29				
<b>Total Monthly Cost - Winter</b>		<b>\$33.02</b>				

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg	7		\$113.40				
<b>Winter</b> Annual Avg	5		\$165.10				
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$23.21</b>				

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Merced CA-23-24**

**Building Type: Row House/Townhouse**

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>			209			
Total Monthly Charges Per Month						
Total Energy Charges (0-577) Per KWH						
<b>Total Monthly Cost - Summer</b>			<b>\$28.23</b>			

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>			209			
Total Monthly Charges Per Month						
Total Energy Charges (0-350) Per KWH						
<b>Total Monthly Cost - Winter</b>			<b>\$28.23</b>			

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4			\$112.94			
<b>Winter</b> Annual Avg 8			\$225.87			
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$28.23</b>			

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

#### Merced CA-23-24

#### Building Type: Row House/Townhouse

Monthly Average Unit Consumption ccf for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
California Climate Credit Per Month						
Total Energy Charges (0-14) Per CCF						
Total Energy Charges (over 14) Per CCF						
<b>Total Monthly Cost - Summer</b>						

Monthly Average Unit Consumption ccf for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
California Climate Credit Per Month						
Total Energy Charges (0-55) Per CCF						
<b>Total Monthly Cost - Winter</b>						

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg						
Winter Annual Avg						
<b>Total Monthly Cost (Based on Annual Average)</b>						

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.



# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### ELECTRICITY - Pacific Gas & Electric

UPDATE 2020

**Merced CA-23-01**

**Building Type: Detached House**

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>		168	209	256	300	
Total Monthly Charges Per Month	-\$3.89	-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>		168	209	256	300	
Total Monthly Charges Per Month	-\$3.89	-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$87.74	\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8		\$175.47	\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

#### Merced CA-23-01

#### Building Type: Detached House

Monthly Average Unit Consumption ccf for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
		26	31	34	37	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF	1.10294	\$15.44	\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF	1.51682	\$18.20	\$25.79	\$30.34	\$34.89	
<b>Total Monthly Cost - Summer</b>		<b>\$31.37</b>	<b>\$38.96</b>	<b>\$43.51</b>	<b>\$48.06</b>	

Monthly Average Unit Consumption ccf for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
		59	70	84	92	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF	1.10294	\$60.66	\$60.66	\$60.66	\$60.66	
Total Energy Charges (over 55) Per CCF	1.51682	\$6.07	\$22.75	\$43.99	\$56.12	
<b>Total Monthly Cost - Winter</b>		<b>\$64.46</b>	<b>\$81.14</b>	<b>\$102.38</b>	<b>\$114.51</b>	

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer Annual Avg</b> 7		\$219.59	\$272.72	\$304.57	\$336.42	
<b>Winter Annual Avg</b> 5		\$322.30	\$405.70	\$511.90	\$572.55	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$45.16</b>	<b>\$56.54</b>	<b>\$68.04</b>	<b>\$75.75</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Atwater CA-23-03**

**Building Type: Detached House**

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>		168	209	256	300	
Total Monthly Charges Per Month	-\$3.89	-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>		168	209	256	300	
Total Monthly Charges Per Month	-\$3.89	-\$3.89	-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH		\$25.82	\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4		\$87.74	\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8		\$175.47	\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$21.93</b>	<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

Atwater CA-23-03

Building Type: Detached House

Monthly Average Unit Consumption ccf for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
		26	31	34	37	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF	1.10294	\$15.44	\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF	1.51682	\$18.20	\$25.79	\$30.34	\$34.89	
<b>Total Monthly Cost - Summer</b>		<b>\$31.37</b>	<b>\$38.96</b>	<b>\$43.51</b>	<b>\$48.06</b>	

Monthly Average Unit Consumption ccf for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
		59	70	84	92	
California Climate Credit Per Month	-\$2.27	-\$2.27	-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF	1.10294	\$60.66	\$60.66	\$60.66	\$60.66	
Total Energy Charges (over 55) Per CCF	1.51682	\$6.07	\$22.75	\$43.99	\$56.12	
<b>Total Monthly Cost - Winter</b>		<b>\$64.46</b>	<b>\$81.14</b>	<b>\$102.38</b>	<b>\$114.51</b>	

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 7		\$219.59	\$272.72	\$304.57	\$336.42	
Winter Annual Avg 5		\$322.30	\$405.70	\$511.90	\$572.55	
<b>Total Monthly Cost (Based on Annual Average)</b>		<b>\$45.16</b>	<b>\$56.54</b>	<b>\$68.04</b>	<b>\$75.75</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Merced CA-23-10**

**Building Type: Detached House**

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>			209	256	300	
Total Monthly Charges Per Month						
Per Month			-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-577) Per KWH						
Per KWH			\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Summer</b>			<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>			209	256	300	
Total Monthly Charges Per Month						
Per Month			-\$3.89	-\$3.89	-\$3.89	
Total Energy Charges (0-350) Per KWH						
Per KWH			\$32.12	\$39.34	\$46.10	
<b>Total Monthly Cost - Winter</b>			<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Averaging Months	<b>0BR</b>	<b>1BR</b>	<b>2BR</b>	<b>3BR</b>	<b>4BR</b>	<b>5BR</b>
<b>Summer</b> Annual Avg 4			\$112.94	\$141.82	\$168.86	
<b>Winter</b> Annual Avg 8			\$225.87	\$283.63	\$337.71	
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$28.23</b>	<b>\$35.45</b>	<b>\$42.21</b>	

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

#### Merced CA-23-10

#### Building Type: Detached House

Monthly Average Unit Consumption ccf for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
			31	34	37	
California Climate Credit Per Month			-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-14) Per CCF			\$15.44	\$15.44	\$15.44	
Total Energy Charges (over 14) Per CCF			\$25.79	\$30.34	\$34.89	
<b>Total Monthly Cost - Summer</b>			<b>\$38.96</b>	<b>\$43.51</b>	<b>\$48.06</b>	

Monthly Average Unit Consumption ccf for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
			62	74	82	
California Climate Credit Per Month			-\$2.27	-\$2.27	-\$2.27	
Total Energy Charges (0-55) Per CCF			\$60.66	\$60.66	\$60.66	
Total Energy Charges (over 55) Per CCF			\$10.62	\$28.82	\$40.95	
<b>Total Monthly Cost - Winter</b>			<b>\$69.01</b>	<b>\$87.21</b>	<b>\$99.34</b>	

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 7			\$272.72	\$304.57	\$336.42	
Winter Annual Avg 5			\$345.05	\$436.05	\$496.70	
<b>Total Monthly Cost (Based on Annual Average)</b>			<b>\$51.48</b>	<b>\$61.72</b>	<b>\$69.43</b>	

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Merced CA-23-21, Atwater 23**

**(Electric Stove)**

**Building Type: Detached House**

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - <b>Summer</b>				318		
Total Montly Charges Per Month				-\$3.89		
Total Energy Charges (0-577) Per KWH				\$48.86		
<b>Total Monthly Cost - Summer</b>				<b>\$44.97</b>		

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - <b>Winter</b>				318		
Total Montly Charges Per Month				-\$3.89		
Total Energy Charges (0-350) Per KWH				\$48.86		
<b>Total Monthly Cost - Winter</b>				<b>\$44.97</b>		

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg	4				\$179.90		
<b>Winter</b> Annual Avg	8				\$359.79		
<b>Total Monthly Cost (Based on Annual Average)</b>					<b>\$44.97</b>		

Summer: June - September (4), Winter: October - May (8)

Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

Merced CA-23-21, Atwater 23

(Electric Stove)

Building Type: Detached House

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Summer</b>				27		
California Climate Credit Per Month				-\$2.27		
Total Energy Charges (0-14) Per CCF				\$15.44		
Total Energy Charges (over 14) Per CCF				\$19.72		
<b>Total Monthly Cost - Summer</b>				<b>\$32.89</b>		

Monthly Average Unit	0BR	1BR	2BR	3BR	4BR	5BR
Consumption ccf for all bedroom types - <b>Winter</b>				73		
California Climate Credit Per Month				-\$2.27		
Total Energy Charges (0-55) Per CCF				\$60.66		
Total Energy Charges (over 55) Per CCF				\$27.30		
<b>Total Monthly Cost - Winter</b>				<b>\$85.69</b>		

Averaging	Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg	7				\$230.23		
<b>Winter</b> Annual Avg	5				\$428.45		
<b>Total Monthly Cost (Based on Annual Average)</b>					<b>\$54.89</b>		

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.



**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS**

**ELECTRICITY - Pacific Gas & Electric**

**UPDATE 2020**

**Merced CA-23-21, Atwater 23 (Gas Stove)**

**Building Type: Detached House**

Monthly Average Unit Consumption kWh for all bedroom types - <b>Summer</b>	0BR	1BR	2BR	3BR	4BR	5BR
Total Monthly Charges Per Month						
Per Month						
Total Energy Charges (0-577) Per KWH						
Per KWH						
<b>Total Monthly Cost - Summer</b>				<b>\$35.45</b>		

Monthly Average Unit Consumption kWh for all bedroom types - <b>Winter</b>	0BR	1BR	2BR	3BR	4BR	5BR
Total Monthly Charges Per Month						
Per Month						
Total Energy Charges (0-350) Per KWH						
Per KWH						
<b>Total Monthly Cost - Winter</b>				<b>\$35.45</b>		

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg 4				\$141.82		
<b>Winter</b> Annual Avg 8				\$283.63		
<b>Total Monthly Cost (Based on Annual Average)</b>				<b>\$35.45</b>		

Summer: June - September (4), Winter: October - May (8)  
 Seasons based on Pacific Gas & Electric's electric summer & winter months.

# HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

## PUBLIC HOUSING

### UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

#### NATURAL GAS - Pacific Gas & Electric

UPDATE 2020

**Merced CA-23-21, Atwater 23 (Gas Stove)**

**Building Type: Detached House**

	0BR	1BR	2BR	3BR	4BR	5BR
Monthly Average Unit Consumption ccf for all bedroom types - <b>Summer</b>				34		
California Climate Credit Per Month				-\$2.27		
Total Energy Charges (0-14) Per CCF				\$15.44		
Total Energy Charges (over 14) Per CCF				\$30.34		
<b>Total Monthly Cost - Summer</b>				<b>\$43.51</b>		

	0BR	1BR	2BR	3BR	4BR	5BR
Monthly Average Unit Consumption ccf for all bedroom types - <b>Winter</b>				80		
California Climate Credit Per Month				-\$2.27		
Total Energy Charges (0-55) Per CCF				\$60.66		
Total Energy Charges (over 55) Per CCF				\$37.92		
<b>Total Monthly Cost - Winter</b>				<b>\$96.31</b>		

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
<b>Summer</b> Annual Avg 7				\$304.57		
<b>Winter</b> Annual Avg 5				\$481.55		
<b>Total Monthly Cost (Based on Annual Average)</b>				<b>\$65.51</b>		

Summer: April - October (7), Winter: November - March (5)

Seasons based on Pacific Gas & Electric's natural gas summer & winter months.

## SUPPORT DOCUMENTATION

## UTILITY PROVIDER RATES AND CHARGES

**HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA**  
**PUBLIC HOUSING**

**Utility Providers Residential Rates and Charges**  
**As of May 2020**

**UPDATE 2020**

**ELECTRICITY**

**Source: Pacific Gas & Electric**

800-743-5000

www.pge.com\*

			CARE - EL-1 - Territory R
California Climate Credit	Per Month	-\$5.96	(semi-annual credit of \$35.73)
D-Care Disocunt (-34.8%)	Per Month	\$2.07	
<b>Total Montly Charges</b>	Per Month	<b>-\$3.89</b>	
<b>Tiers*</b>	<b>kwh per day</b>	<b>Tier-1</b>	<b>(baseline)</b>
<b>Summer (June - September) (4)</b>	<b>18.6</b>	<b>0-577</b>	
<b>Winter (October - May) (8)</b>	<b>11.3</b>	<b>0-350</b>	
<b>Year Round Weighted Avg</b>	<b>13.7</b>	<b>0-425</b>	
Energy Charge*	Per KWH	0.23522	
D-Care Disocunt (-34.8%)	Per KWH	-0.081857	
Energy Commission Tax	Per KWH	0.0003	
<b>Total Energy Charges</b>	Per KWH	<b>0.153663</b>	

**NATURAL GAS**

**Source: Pacific Gas & Electric**

800-743-5000

www.pge.com\*

			CARE - G-1 - Territory R
<b>California Climate Credit</b>	Per Month	<b>-\$2.27</b>	(annual credit of \$27.18)
<b>Tiers*</b>	<b>therms per day</b>	<b>Tier-1</b>	<b>Tier-2</b>
		<b>(baseline)</b>	<b>(excess)</b>
<b>Summer (April - October) (7)</b>	<b>0.36</b>	<b>0-11</b>	<b>over 11</b>
<i>Winter Off-Peak (Nov, Feb, Mar) (3)</i>	<i>1.28</i>	<i>0-40</i>	<i>ove 40</i>
<i>Winter On-Peak (Dec, Jan) (2)</i>	<i>1.97</i>	<i>0-61</i>	<i>over 61</i>
<b>Winter Wtd Avg (Nov-March) (5)</b>	<b>1.56</b>	<b>0-48</b>	<b>over 48</b>
<b>Year Round Weighted Avg</b>	<b>0.86</b>	<b>0-27</b>	<b>over 27</b>
Energy Charge*	Per Therm	1.08894	1.50282
G-PPPS Surcharge	Per Therm	0.01015	0.01015
G-SUR Surcharge	Per Therm	0.00135	0.00135
CPUC Reimbursement Fee	Per Therm	0.0025	0.0025
<b>Total Energy Charges</b>	Per Therm	<b>1.10294</b>	<b>1.51682</b>

# UTILITY PROVIDER DOCUMENTATION

**Pacific Gas and Electric Company**

**Residential Time-of-Use Electric Rates**

(E1,EM,ES,ET,E6,EM-TOU, EV,EV2,ETOU,ETOU)

Rates Effective:  
April 1, 2020, to Present

Rate Schedule	Rate Design	Delivery Minimum Bill Amount <sup>1/</sup> (per meter per day)	Discount (per dwelling unit per day)	Minimum Average Rate Limiter (per kWh per month)	Energy Charge <sup>2/</sup> (\$/kWh)			D-CARE <sup>3/</sup> Line-Item Discount for California Alternate Rates for Energy (CARE) Customers	California Climate Credit <sup>4/</sup> (April & Oct Bill)	"Average" Total Rate <sup>5/</sup> (per kWh)	
					Baseline Usage <sup>6/</sup>	101% - 400% of Baseline	High Usage Over 400% of Baseline				
<b>Residential Schedules:</b> E-1, EM, ES, ESR, ET	Tiered Energy Charges	\$0.32854	ES = \$0.03115 ET = \$0.06181	ES, ET Only	ES, ET Only	\$0.23522	\$0.29600	\$0.51860	-34.8%	(\$35.73)	\$0.25659
Rate Schedule	Rate Design	Delivery Minimum Bill Amount <sup>1/</sup> (per meter per day)	Total Meter Charge Rate <sup>7/</sup> (per meter per day)	Season Summer: May-Oct Winter: Nov-Apr	Time-of-Use Period	Energy Charge <sup>2/</sup> (\$/kWh)		D-CARE <sup>3/</sup> Line-Item Discount for California Alternate Rates for Energy (CARE) Customers	California Climate Credit <sup>4/</sup> (April & Oct Bill)	"Average" Total Rate <sup>5/</sup> (per kWh)	
						Baseline Usage <sup>4/</sup>	Over 100% of Baseline				
<b>Residential Time-of-Use Rate Schedule E-6 and Rate Schedule EM-TOU <sup>8/</sup></b>	Time-of-Use Winter and Summer Peak, Part-Peak, and Off-Peak Energy Charges	\$0.32854	\$0.25298	Summer	Peak Part-Peak Off-Peak	\$0.39637 \$0.27794 \$0.20271	\$0.48154 \$0.36311 \$0.28788	-34.8%	(\$35.73)	\$0.25659	
				Winter	Part-Peak Off-Peak	\$0.22388 \$0.20705	\$0.30905 \$0.29222				
Rate Schedule	Rate Design	Delivery Minimum Bill Amount <sup>1/</sup> (per meter per day)	Total Meter Charge Rate <sup>7/</sup> (per meter per day)	Season Summer: May-Oct Winter: Nov-Apr	Time-of-Use Period	Energy Charge <sup>2/</sup> (\$/kWh) (No Tiers)		D-CARE <sup>3/</sup> Line-Item Discount for California Alternate Rates for Energy (CARE) Customers	California Climate Credit <sup>4/</sup> (April & Oct Bill)	"Average" Total Rate <sup>5/</sup> (per kWh)	
						Total Usage	Baseline Credit (Applied to Baseline Usage Only)				
<b>Residential Time-of-Use Service for Plug-In Electric Vehicle, Rate Schedule EV, Rate A <sup>8/</sup></b>	Time-of-Use Winter and Summer Peak, Part-Peak, and Off-Peak Energy Charges	\$0.32854	-	Summer	Peak Part-Peak Off-Peak	\$0.54121 \$0.29567 \$0.14232	-	-	(\$35.73)	n/a	
				Winter	Peak Part-Peak Off-Peak	\$0.37957 \$0.23289 \$0.14567	-				
<b>Residential Time-of-Use Service for Plug-In Electric Vehicle, Rate Schedule EV, Rate B <sup>8/</sup></b>	Time-of-Use Winter and Summer Peak, Part-Peak, and Off-Peak Energy Charges	-	\$0.04928	Summer	Peak Part-Peak Off-Peak	\$0.53525 \$0.29269 \$0.14189	-	-	-	n/a	
				Winter	Peak Part-Peak Off-Peak	\$0.37322 \$0.22972 \$0.14521	-				
<b>Residential Time-of-Use Service for Plug-In Electric Vehicle, Rate Schedule EV2</b>	Time-of-Use Winter and Summer Peak, Part-Peak, and Off-Peak Energy Charges	\$0.32854	-	Summer	Peak Part-Peak Off-Peak	\$0.48110 \$0.37061 \$0.16860	-	-34.8%	(\$35.73)	n/a	
				Winter	Peak Part-Peak Off-Peak	\$0.35399 \$0.33729 \$0.16860	-				
Rate Schedule	Rate Design	Delivery Minimum Bill Amount <sup>1/</sup> (per meter per day)	Total Meter Charge Rate <sup>7/</sup> (per meter per day)	Season Summer: June-Sept Winter: Oct-May	Time-of-Use Period	Energy Charge <sup>2/</sup> (\$/kWh)		D-CARE <sup>3/</sup> Line-Item Discount for California Alternate Rates for Energy (CARE) Customers	California Climate Credit <sup>4/</sup> (April & Oct Bill)	"Average" Total Rate <sup>5/</sup> (per kWh)	
						Total Usage	Baseline Credit (Applied to Baseline Usage Only)				
<b>Residential Time-of-Use Rate Schedule E-TOU Option A (3-8 p.m.)</b>	Time-of-Day Winter and Summer Peak and Off-Peak Energy Charges	\$0.32854	-	Summer	Peak Off-Peak	\$0.42203 \$0.34645	(\$0.08517) (\$0.08517)	-34.8%	(\$35.73)	n/a	
				Winter	Peak Off-Peak	\$0.30406 \$0.28976	(\$0.08517) (\$0.08517)				
<b>Residential Time-of-Use Rate Schedule E-TOU Option B (4-9 p.m.)</b>	Time-of-Day Winter and Summer Peak and Off-Peak Energy Charges	\$0.32854	-	Summer	Peak Off-Peak	\$0.39689 \$0.29383	- -	-34.8%	(\$35.73)	n/a	
				Winter	Peak Off-Peak	\$0.25942 \$0.24062	- -				
<b>Residential Time-of-Use Rate Schedule E-TOU-C <sup>9/</sup> (Peak Pricing 4 - 9 p.m. Every Day)</b>	Time-of-Use Winter and Summer Peak and Off-Peak Energy Charges	\$0.32854	-	Summer	Peak Off-Peak	\$0.40278 \$0.33934	(\$0.08517) (\$0.08517)	-34.8%	(\$35.73)	n/a	
				Winter	Peak Off-Peak	\$0.30569 \$0.28836	(\$0.08517) (\$0.08517)				

<sup>1/</sup> Customers will receive a 50% discount on the delivery minimum bill amount, if applicable. See Electric Schedule D-CARE for further details.

<sup>2/</sup> See Actual Tariff for details on possible medical baseline allowances.

<sup>3/</sup> Customers will receive a 34.8 percent discount on their total bundled charges on their otherwise applicable rate schedule (except CA Climate Credit). See Electric Schedule D-CARE for further details.

<sup>4/</sup> Residential bill credit per household, per semi-annual payment occurring in the April and October bill cycles.

<sup>5/</sup> Average rates based on estimated forecast. Average rates provided only for general reference, and individual customer's average rate will depend on its applicable kWh, and TOU data.

<sup>6/</sup> For Baseline Territory and Quantity information, please view second tab in this file, additional online table or rate schedule in Online Tariff Book.

<sup>7/</sup> In addition to the Delivery Minimum Bill Amount.

<sup>8/</sup> Summer Season: May-Oct Winter Season: Nov-Apr

<sup>9/</sup> Rate Schedule E-TOU-C was previously Rate Schedule E-TOU-C3, effective March 1, 2020.

**NOTE - Change of Seasons (unless otherwise noted): Summer Season: June-September Winter Season: October-May**



**ELECTRIC PRELIMINARY STATEMENT PART K**  
**ENERGY COMMISSION TAX**

Sheet 1

K. ENERGY COMMISSION TAX:

The California legislature established the Energy Commission tax in 1975. The State Board of Equalization administers the tax, pursuant to current Sections 40001 et seq., of the Revenue and Taxation Code of the State of California. The tax provides additional funding for the California Energy Commission.

PG&E is required to collect the Energy Resources Surcharge Tax pursuant to Part 19 of Division 2 of the California Revenue and Taxation Code. The tax will be stated as a separate item on the billing statement. It is currently fixed at \$0.00030 per kilowatt hour. This tax rate is subject to revision from time to time by the Energy Commission, subject to a statutory maximum. The tax does not apply to the federal government and certain other agencies as described in the above section of the Revenue and Taxation Code. (T)



# Residential ELECTRIC Baseline Territories and Quantities

Effective October 1, 2019 - Present  
(Change of Winter and Summer Seasonal Time Periods)

## Winter <sup>2/</sup>

(Effective beginning October 1, 2019)

TERRITORY	INDIVIDUALLY METERED (E-1, EL-1, ES, ESL, ET, ETL, E-6, EL-6, ESR, ESRL)		MASTER METERED (EM,EML,EM-TOU,EML-TOU)
<b>ALL-ELEC.</b> (Code H)	Daily <sup>1/</sup>		Daily <sup>1/</sup>
P	27.4		14.7
Q	27.4		14.7
R	28.1		13.6
S	24.9		13.1
T	13.6		9.0
V	16.9		11.2
W	20.0		11.8
X	15.4		12.9
Y	25.3		14.4
Z	16.5		9.4
<b>BASIC ELEC.</b> (Code B)	Daily <sup>1/</sup>		Daily <sup>1/</sup>
P	12.0		5.2
Q	12.0		5.2
R	11.3		5.2
S	11.1		5.2
T	8.2		4.5
V	8.8		5.0
W	10.7		5.3
X	10.5		5.9
Y	12.1		8.3
Z	8.1		5.6

## Summer <sup>3/</sup>

(Effective beginning June 1, 2020)

TERRITORY	INDIVIDUALLY METERED (E-1, EL-1, ES, ESL, ET, ETL, E-6, EL-6, ESR, ESRL)		MASTER METERED (EM,EML,EM-TOU,EML-TOU)
<b>ALL-ELEC.</b> (Code H)	Daily <sup>1/</sup>		Daily <sup>1/</sup>
P	16.0		8.8
Q	8.9		7.3
R	20.9		9.6
S	18.7		9.8
T	7.5		5.1
V	10.9		6.3
W	23.6		11.7
X	8.9		7.3
Y	12.6		7.1
Z	7.0		4.0
<b>BASIC ELEC.</b> (Code B)	Daily <sup>1/</sup>		Daily <sup>1/</sup>
P	14.2		4.8
Q	10.3		5.4
R	18.6		7.9
S	15.8		6.7
T	6.8		3.8
V	7.5		4.2
W	20.2		8.2
X	10.3		5.4
Y	11.0		8.0
Z	6.2		4.5

<sup>1/</sup>kWh per day

<sup>2/</sup> Winter Season: October-May

<sup>3/</sup> Summer Season: June-September

Pacific Gas and Electric Company

Residential Non-CARE and CARE Gas Tariff Rates  
January 1, 2020, to Present  
(\$/therm)<sup>1/</sup>

Effective Date	Advice Letter Number	Minimum Transportation Charge <sup>2/</sup> (per day)	Procurement Charge	Transportation Charge <sup>2/</sup>		TOTAL Residential Non-CARE Schedules Charge <sup>3/</sup>		CARE CSI Solar Exemption <sup>4/</sup>	CARE Discount		TOTAL Residential CARE Schedules Charge <sup>3/</sup>		Schedule G-PPPS (Public Purpose Program Surcharge) <sup>3/</sup>		Multifamily Discount <sup>5/</sup>	Mobilehome Park Discount <sup>6/</sup>	California Climate Credit <sup>8/</sup> (Annual Bill Credit)		
				Baseline	Excess	(Non-CARE)		(CARE)	(CARE)		(CARE)		(Non-CARE)	(CARE)			(GS & GSL)	(GT & GTL)	(All Res Schedules)
						Baseline	Excess	Baseline/Excess	Baseline	Excess	Baseline	Excess	Baseline	Excess					
01/01/20	4199-G	\$0.09863	\$0.45813	\$0.99712	\$1.59540	\$1.45525	\$2.05353	-\$0.00205	-\$0.29064	-\$0.41030	\$1.16256	\$1.64118	\$0.03651	\$0.01015	\$0.20900	\$0.48200	not applicable		
02/01/20	4209-G	\$0.09863	\$0.44791	\$0.99712	\$1.59540	\$1.44503	\$2.04331	-\$0.00205	-\$0.28860	-\$0.40825	\$1.15438	\$1.63301	\$0.03651	\$0.01015	\$0.20900	\$0.48200	not applicable		
03/01/20	4222-G	\$0.13151	\$0.35346	\$1.13126	\$1.64861	\$1.48472	\$2.00207	-\$0.00195	-\$0.29655	-\$0.40002	\$1.18622	\$1.60010	\$0.03651	\$0.01015	\$0.13432	\$0.34094	not applicable		
04/01/20	4230-G	\$0.13151	\$0.23856	\$1.13126	\$1.64861	\$1.36982	\$1.88717	-\$0.00195	-\$0.27357	-\$0.37704	\$1.09430	\$1.50818	\$0.03651	\$0.01015	\$0.13432	\$0.34094	(\$27.18)		
05/01/20	4240-G	\$0.13151	\$0.23187 <sup>7/</sup>	\$1.13126	\$1.64861	\$1.36313	\$1.88048	-\$0.00195	-\$0.27224	-\$0.37571	\$1.08894	\$1.50282	\$0.03651	\$0.01015	\$0.13432	\$0.34094	not applicable		

<sup>1/</sup> Unless otherwise noted  
<sup>2/</sup> Effective July 1, 2005, the Transportation Charge will be no less than the Minimum Transportation Charge of \$0.13151 (per day). Applicable to Rate Schedule G-1 only and does not apply to submetered tenants of master-metered customers served under gas Rate Schedule GS and GT.  
<sup>3/</sup> Schedule 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.  
<sup>4/</sup> CARE Schedules include California Solar Initiative (CSI) Exemption in accordance with Advice Letter 3257-G-A.  
<sup>5/</sup> Per dwelling unit per day (Multifamily Service)  
<sup>6/</sup> Per installed space per day (Mobilehome Park Service)  
<sup>7/</sup> This procurement rate includes a credit of \$0.07656 per therm to reflect account balance amortizations in accordance with Advice Letter 3157-G.  
<sup>8/</sup> Residential bill credit of (\$27.18) per household, annual bill credit occurring in the April bill cycle.

Seasons: Winter = Nov-Mar Summer = April-Oct

**Pacific Gas and Electric Company**

**Schedule G-SUR**

**Customer-Procured Gas Franchise Fee Surcharge  
January 1, 2015, to Present  
(\$/therm)**

Month	Year 2020		Year 2019		Year 2018		Year 2017		Year 2016		Year 2015	
	Effective Date	Rate	Effective Date	Rate	Effective Date	Rate	Effective Date	Rate	Effective Date	Rate	Effective Date	Rate
January	1/1	\$0.00238	1/1	\$0.00305	1/1	\$0.00209	1/1	\$0.00434	1/1	\$0.00259	1/1	\$0.00491
February	2/1	\$0.00195	2/1	\$0.00273	2/1	\$0.00228	2/1	\$0.00420	2/1	\$0.00273	2/1	\$0.00363
March	3/1	\$0.00147	3/1	\$0.00256	3/1	\$0.00175	3/1	\$0.00357	3/1	\$0.00219	3/1	\$0.00335
April	4/1	\$0.00134	4/1	\$0.00205	4/1	\$0.00175	4/1	\$0.00356	4/1	\$0.00203	4/1	\$0.00346
May	5/1	\$0.00135	5/1	\$0.00142	5/1	\$0.00132	5/1	\$0.00345	5/1	\$0.00182	5/1	\$0.00308
June			6/1	\$0.00124	6/1	\$0.00121	6/1	\$0.00345	6/1	\$0.00183	6/1	\$0.00371
July			7/1	\$0.00116	7/1	\$0.00132	7/1	\$0.00205	7/1	\$0.00272	7/1	\$0.00323
August			8/1	\$0.00130	8/1	\$0.00175	8/1	\$0.00212	8/1	\$0.00285	8/1	\$0.00341
September			9/1	\$0.00129	9/1	\$0.00140	9/1	\$0.00161	9/1	\$0.00248	9/1	\$0.00303
October			10/1	\$0.00135	10/1	\$0.00142	10/1	\$0.00193	10/1	\$0.00318	10/1	\$0.00304
November			11/1	\$0.00167	11/1	\$0.00207	11/1	\$0.00209	11/1	\$0.00391	11/1	\$0.00312
December			12/1	\$0.00230	12/1	\$0.00302	12/1	\$0.00233	12/1	\$0.00360	12/1	\$0.00327

Please see Rate Schedule G-SUR for further details.

\*Effective July 1, 2017, Franchise Fee Factor Changed due to 2017 GRC D. 17-05-013.



**GAS PRELIMINARY STATEMENT PART O**  
**CPUC REIMBURSEMENT FEE**

Sheet 1

O. CPUC REIMBURSEMENT FEE

1. REIMBURSEMENT FEE

- a. PURPOSE: The purpose of this provision is to set forth the Public Utilities Commission Reimbursement Fee (Chapter 323, Statutes of 1983) to be paid by utilities to fund regulation by the California Public Utilities Commission (CPUC) (Public Utilities Code, Sections 401-443). The fee is ordered by the CPUC under Section 433. Surcharge fees shall be forwarded to the CPUC on a quarterly basis between the 1st and the 15th days of October, January, April and July.
- b. APPLICABILITY: This reimbursement fee applies to all gas delivery service rendered under all rate schedules and contracts authorized by the CPUC, with the exception of interdepartmental sales or transfers, and sales to electric, gas, or steam heat public utilities. It is applicable within the entire territory served by the company.
- c. The current CPUC Reimbursement Fee Rate is **\$0.00250 per therm** including Revenue Fees and Uncollectible (RF&U) accounts expense for all applicable gas rate schedules (see Preliminary Statement, Part B), except for gas rate schedule G-EG (Electric Generation) (T)

The current CPUC Reimbursement Fee Rate for gas rate schedule G-EG is \$0.00010 per therm including RF&U as adopted in PG&E's 2010 Biennial Cost Allocation Proceeding Decision 10-06-035. (T)

2. MASTER-METERED MOBILEHOME PARK SAFETY PROGRAM SURCHARGE

- a. PURPOSE: The purpose of this provision is to set forth the CPUC Mobilehome Park Safety Inspection and Enforcement Program Surcharge to be paid by mobilehome park operators with master-metered natural gas distribution systems. The surcharge will recover the CPUC's costs to implement and maintain a safety inspection and enforcement program as mandated by the CPUC under the authority granted by Public Utility Code Sections 4351-4358. Surcharge fees shall be forwarded to the CPUC on a quarterly basis between the 1st and 15th days of October, January, April and July.
- b. APPLICABILITY: This surcharge applies to all gas delivery service provided to all master-metered mobilehome parks on Schedules GM, GML, GT, GTL and G-NR1.
- c. RATE: The Master-Metered Mobilehome Park Safety Program Surcharge is \$0.00691 per installed space per day (\$0.21 per installed space per month). This rate is included in Schedule G-MHPS.

# Residential

## GAS

### Baseline Territories and Quantities <sup>1/</sup>

Implemented November 1, 2019 - Present

BASELINE QUANTITIES (Therms Per Day Per Dwelling Unit)

Individually Metered			
Baseline Territories	Summer (April-October) Effective Apr. 1, 2020	Winter Off-Peak (Nov, Feb, Mar) Effective Nov. 1, 2019	Winter On-Peak (Dec, Jan) Effective Dec. 1, 2019
P	0.39	1.88	2.16
Q	0.59	1.55	2.16
R	0.36	1.28	1.97
S	0.39	1.38	2.06
T	0.59	1.38	1.81
V	0.62	1.51	1.84
W	0.39	1.18	1.84
X	0.49	1.55	2.16
Y	0.69	2.15	2.65

Master Metered			
Baseline Territories	Summer (April-October) Effective Apr. 1, 2020	Winter Off-Peak (Nov, Feb, Mar) Effective Nov. 1, 2019	Winter On-Peak (Dec, Jan) Effective Dec. 1, 2019
P	0.29	0.87	1.00
Q	0.49	0.64	0.77
R	0.33	0.84	1.19
S	0.29	0.54	0.68
T	0.49	0.94	1.06
V	0.56	1.18	1.29
W	0.23	0.61	0.87
X	0.33	0.64	0.77
Y	0.36	0.87	1.00

**Summer Season: Apr-Oct**  
**Winter Off-Peak: Nov, Feb, Mar**  
**Winter On-Peak: Dec, Jan**

Decision 18-10-040  
 Advice Letter: 4047-G  
 Filed: 12/5/18  
 Approved: 1/4/19

## COMPARISON OF PREVIOUS AND CURRENT UTILITY RATES

## Comparison of Previous and Current Utility Rates Public Housing

### HOUSING AUTHORITY OF THE COUNTY OF MERCED, CA

**Note: Rates in bold text indicate changes and gray print indicates removal.**

(We use the absolute value of the changes which gives us the percentage of change. This is the best way to determine a 10% change in utility rates and charges.)

#### ELECTRIC

**UPDATE 2020**

<b>Pacific Gas &amp; Electric (CARE-EL-1)</b>		Rates		Difference	
Description	Measure	5/2019	5/2020	Amount	Percent
California Climate Credit* <b>Total Monthly Chgs</b>	per month	-\$4.62	<b>-\$3.89</b>	\$0.73	<b>16%</b>
Tier-1 Total Energy Charges (baseline)	per kwh	0.13977	<b>0.153663</b>	0.013893	<b>10%</b>
Territory R, <u>Baseline quantities &amp; Seasonal Tiers changed</u>				<b>Total % of Change 26%</b>	

Semi-annual credit changed from \$27.70 to \$35.73

Summer: (May - Oct) (6) baseline changed from 0-512 (16.5) to (Jun-Sept) (4) 0-577 (18.6)

Winter: (Nov - Apr) (6) baseline changed from 0-344 (11.1) to (Oct-May) (8) 0-350 (11.3)

#### NATURAL GAS

<b>Pacific Gas &amp; Electric (CARE G-1)</b>		Rates		Difference	
Description	Measure	5/2019	5/2020	Amount	Percent
California Climate Credit*	per month	-\$2.12	<b>-\$2.27</b>	-\$0.15	<b>-7%</b>
Tier-1 Total Energy Charges (baseline)	per ccf	1.11727	<b>1.10294</b>	-0.01433	<b>-1%</b>
Tier-2 Total Energy Charges (excess)	per ccf	1.59695	<b>1.51682</b>	-0.08013	<b>-5%</b>
Territory R, <u>Baseline quantities changed.</u>				<b>Total % of Change 13%</b>	

Summer: (Apr - Oct) (7) baseline changed from 0-14 (.46) to 0-11 (.36);

Winter: (Nov - Mar) (5) baseline changed from 0-55 (1.79) to Winter Wtd Avg 0-48 (1.56)

Annual credit changed from \$25.45 to \$27.18

## DEVELOPMENT CHARACTERISTICS



**List of Properties Covered by the RFP**

E & G

Project #/Location	AMP #	1-bdrm	2-bdrm	3-bdrm	4-bdrm	Total # units
23-01, Merced	1	22	48	20	11	101
23-02, Los Banos	3	2	10	8	0	20
23-03, Atwater	2	2	8	4	1	15
23-04, Los Banos	3	8	8	14	10	44
23-05, Dos Palos	3	4	8	10	8	30
23-06, Livingston	2	11	14	19	16	60
23-10, Merced	1	0	10	22	12	44
23-11, Lost Banos	3	0	4	4	2	10
23-12A, Atwater	2	0	16	20	0	36
23-12B, Winton	2	0	3	3	0	6
23-12C, Dos Palos	3	0	5	7	0	12
23-12D, Dos Palos	3	0	0	8	2	10
23-13, Merced	1	28	0	0	0	28
23-21, Merced	1	0	0	1	0	1
23-23, Atwater	1	0	0	2	0	2
23-24, Merced	4	0	6	0	0	6

## CUSTOMIZATION FOR BASE REM/RATE MODELS

Housing Agency: Housing Authority of the County of Merced

**Customization & Energy Efficiency Measures for Base REM/Rate Models**

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. *Blue text represents energy efficiency measures/equipment.*

Amp 1 Merced

Development Name & No.: CA020001

Building: Year Built: 1951 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
*Energy Efficiencies*  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:    
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
*Energy Efficiencies*  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 *Energy Efficiencies:*  
 Insulation:  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
 Low Flow Water:  Shower, Faucets, &/or Toilets *Lighting:*  100% CFL

Notes/Comments:



Housing Agency: **Housing Authority of the County of Merced**

**Customization & Energy Efficiency Measures for Base REM/Rate Models**

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. *Blue text represents energy efficiency measures/equipment.*

Amp 3 Los Banos

Development Name & No.: **CA023002**

Building: Year Built: **1954** Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
*Energy Efficiencies*  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:   
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
*Energy Efficiencies*  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 *Energy Efficiencies:*  
 Insulation:  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
 Low Flow Water:  Shower, Faucets, &/or Toilets *Lighting:*  100% CFL

Notes/Comments:



Housing Agency: Housing Authority of the County of Merced

### Customization & Energy Efficiency Measures for Base REM/Rate Models

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Amp 3 Dos Palos

Development Name & No.: CA020005

Building: Year Built: 1951 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
**Energy Efficiencies**  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:    
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
**Energy Efficiencies**  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 **Energy Efficiencies:**  
**Insulation:**  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
**Low Flow Water:**  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments:



Housing Agency: Housing Authority of the County of Merced

### Customization & Energy Efficiency Measures for Base REM/Rate Models

Please check appropriate box(es) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Amp 2 Atwater

Development Name & No.: CA023003

Building: Year Built: 1963 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
**Energy Efficiencies**  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:    
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
**Energy Efficiencies**  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 **Energy Efficiencies:**  
**Insulation:**  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
**Low Flow Water:**  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments:



Housing Agency: Housing Authority of the County of Merced

### Customization & Energy Efficiency Measures for Base REM/Rate Models

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Amp 3 Los Banos

Development Name & No.: CA020004

Building: Year Built: 1965 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
**Energy Efficiencies**  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:    
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
**Energy Efficiencies**  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 **Energy Efficiencies:**  
**Insulation:**  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
**Low Flow Water:**  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments:



Housing Agency: **Housing Authority of the County of Merced**

**Customization & Energy Efficiency Measures for Base REM/Rate Models**

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Amp 3 Los Banos

Development Name & No.: **CA020011**

Building: Year Built: **1982** Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1	Foundation Type:	<input checked="" type="checkbox"/> Concrete Slab	<input type="checkbox"/> Pier-Beam (Crawl Space)	<input type="checkbox"/> Basement
2	Window Type:	<input type="checkbox"/> Single Pane	<input checked="" type="checkbox"/> Double Pane/Low-E	<input type="checkbox"/> Double Pane Vinyl
3	# of Stories in Unit:	<input checked="" type="checkbox"/> one	<input type="checkbox"/> two	<input type="checkbox"/> Building has multiple stories
4a	Heating Fuel:	<input type="checkbox"/> Electric	<input checked="" type="checkbox"/> Natural Gas	<input type="checkbox"/> Oil
4b	Is Heating Individually Metered?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
4c	Heating Type:	<input type="checkbox"/> Electric Baseboard	<input type="checkbox"/> Central Boiler (Radiant)	<input type="checkbox"/> Individual Boiler
	Energy Efficiencies	<input type="checkbox"/> Heat Pump HP Seer: <input type="text"/>	<input checked="" type="checkbox"/> Forced Air Furnace w/ ducts / Wall unit	
		<input type="checkbox"/> Solar Panels	<input type="checkbox"/> (Energy Efficient) Gas Furnace (48k/94 AFUE)	
4d	Heating Equipment Location:	<input checked="" type="checkbox"/> Conditioned Space	<input type="checkbox"/> Unconditioned Space (attic/garage)	
5	Air Ducts:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	If Yes, Location:	<input checked="" type="checkbox"/> Conditioned Space	<input type="checkbox"/> Unconditioned Space (attic)	
6a	Water Heater:	<input type="checkbox"/> Electric	<input checked="" type="checkbox"/> Natural Gas	<input type="checkbox"/> Oil
	Energy Efficiencies	<input type="checkbox"/> Elec Tank .93 EF	<input type="checkbox"/> Gas Tank .62 EF	<input type="checkbox"/> Solar Panels
		<input type="checkbox"/> Elec Tank .95 EF	<input type="checkbox"/> Gas Tankless .69 EF	
		<input type="checkbox"/> Elec Tankless	<input type="checkbox"/> Gas Tankless .80 EF	
6b	Water Heater Type:	<input checked="" type="checkbox"/> Individual units	<input type="checkbox"/> Central Boiler	
6c	Water Htr Location:	<input checked="" type="checkbox"/> Conditioned Space	<input type="checkbox"/> Unconditioned Space (attic/garage)	
6	Stove/Range:	<input type="checkbox"/> Electric	<input checked="" type="checkbox"/> Natural Gas	
8	Energy Efficiencies:			
	Insulation:	<input type="checkbox"/> Ceiling (R-30)	<input type="checkbox"/> Ceiling (R-38)	<input type="checkbox"/> Wall (R-13)
	Low Flow Water:	<input type="checkbox"/> Shower, Faucets, &/or Toilets	Lighting:	<input type="checkbox"/> 100% CFL

Notes/Comments:



Housing Agency: Housing Authority of the County of Merced

### Customization & Energy Efficiency Measures for Base REM/Rate Models

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Amp 2 Atwater, Winton, Dos Palos

Development Name & No.: CA020012

Building: Year Built: 1982 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
**Energy Efficiencies**  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer: 14  
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
**Energy Efficiencies**  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 **Energy Efficiencies:**  
**Insulation:**  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
**Low Flow Water:**  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments:



Housing Agency: Housing Authority of the County of Merced

### Customization & Energy Efficiency Measures for Base REM/Rate Models

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. *Blue text represents energy efficiency measures/equipment.*

Amp 2 Livingston

Development Name & No.: CA023006

Building: Year Built: 1972 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
*Energy Efficiencies*  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:    
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
*Energy Efficiencies*  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 *Energy Efficiencies:*  
 Insulation:  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
 Low Flow Water:  Shower, Faucets, &/or Toilets *Lighting:*  100% CFL

Notes/Comments:



Housing Agency: **Housing Authority of the County of Merced**

**Customization & Energy Efficiency Measures for Base REM/Rate Models**

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. *Blue text represents energy efficiency measures/equipment.*

Amp 1 Merced

Development Name & No.: **CA020010**

Building: Year Built: **1980** Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
 Energy Efficiencies  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:   
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
 Energy Efficiencies  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 Energy Efficiencies:  
 Insulation:  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
 Low Flow Water:  Shower, Faucets, &/or Toilets Lighting:  100% CFL

Notes/Comments:



Housing Agency: **Housing Authority of the County of Merced**

**Customization & Energy Efficiency Measures for Base REM/Rate Models**

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. *Blue text represents energy efficiency measures/equipment.*

Development Name & No.: **Amp1 Merced**  
**CA020013**

Building: Year Built: **1983** Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  0BR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
*Energy Efficiencies*  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer: **14**  
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
*Energy Efficiencies*  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 *Energy Efficiencies:*  
 Insulation:  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
 Low Flow Water:  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments:  
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Housing Agency: **Housing Authority of the County of Merced**

**Customization & Energy Efficiency Measures for Base REM/Rate Models**

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **Amp1 Merced**  
**CA020021**

Building: Year Built: **1978** Structure Type:  Apt  High Rise  RH  SD  DH  
 Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  0BR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
**Energy Efficiencies**  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer: **14**  
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
**Energy Efficiencies**  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 **Energy Efficiencies:**  
**Insulation:**  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
**Low Flow Water:**  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments:



Housing Agency: Housing Authority of the County of Merced

### Customization & Energy Efficiency Measures for Base REM/Rate Models

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Amp 1 Atwater

Development Name & No.: CA020023 (1502 Vine)

Building: Year Built: 1990 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
**Energy Efficiencies**  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:    
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
**Energy Efficiencies**  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 **Energy Efficiencies:**  
**Insulation:**  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
**Low Flow Water:**  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments:



Housing Agency: **Housing Authority of the County of Merced**

**Customization & Energy Efficiency Measures for Base REM/Rate Models**

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. *Blue text represents energy efficiency measures/equipment.*

Development Name & No.: **CA020023 (1300 Bellevue)**  
Amp 1 Atwater

Building: Year Built: **1967** Structure Type:  Apt  High Rise  RH  SD  DH  
 Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
*Energy Efficiencies*  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer:   
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
*Energy Efficiencies*  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 *Energy Efficiencies:*  
 Insulation:  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
 Low Flow Water:  Shower, Faucets, &/or Toilets *Lighting:*  100% CFL

Notes/Comments:



Housing Agency: Housing Authority of the County of Merced

### Customization & Energy Efficiency Measures for Base REM/Rate Models

Please check appropriate box(s) for each development and note if different for other bedroom sizes in development. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per development. **Blue text represents energy efficiency measures/equipment.**

Amp 4 Merced

Development Name & No.: CA020024

Building: Year Built: 1964 Structure Type:  Apt  High Rise  RH  SD  DH

Legend: Apt= Apartment, RH= Row House, SD= Semi-Detached/Duplex, DH= Detached House

Resident-Paid Utilities:  Electric  Natural Gas  Water  Sewer  Trash  
 OR  All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes:  OBR  1BR  2BR  3BR  4BR  5BR

1 Foundation Type:  Concrete Slab  Pier-Beam (Crawl Space)  Basement  
 2 Window Type:  Single Pane  Double Pane/Low-E  Double Pane Vinyl  
 3 # of Stories in Unit:  one  two  Building has multiple stories

4a Heating Fuel:  Electric  Natural Gas  Oil  
 4b Is Heating Individually Metered?  Yes  No  
 4c Heating Type:  Electric Baseboard  Central Boiler (Radiant)  Individual Boiler  
**Energy Efficiencies**  Heat Pump  Forced Air Furnace w/ ducts / Wall unit  
 HP Seer: 14  
 Solar Panels  (Energy Efficient) Gas Furnace (48k/94 AFUE)  
 4d Heating Equipment Location:  Conditioned Space  Unconditioned Space (attic/garage)

5 Air Ducts:  Yes  No  
 If Yes, Location:  Conditioned Space  Unconditioned Space (attic)

6a Water Heater:  Electric  Natural Gas  Oil  
**Energy Efficiencies**  Elec Tank .93 EF  Gas Tank .62 EF  Solar Panels  
 Elec Tank .95 EF  Gas Tankless .69 EF  
 Elec Tankless  Gas Tankless .80 EF  
 6b Water Heater Type:  Individual units  Central Boiler  
 6c Water Htr Location:  Conditioned Space  Unconditioned Space (attic/garage)

6 Stove/Range:  Electric  Natural Gas

8 **Energy Efficiencies:**  
**Insulation:**  Ceiling (R-30)  Ceiling (R-38)  Wall (R-13)  
**Low Flow Water:**  Shower, Faucets, &/or Toilets **Lighting:**  100% CFL

Notes/Comments: