

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Evaluate the  
Mobilehome Park Pilot Program and to Adopt  
Programmatic Modifications.

Rulemaking No. 18-04-018  
(Filed April 26, 2018)

**PACIFIC GAS AND ELECTRIC COMPANY'S (U-39) FOURTH ANNUAL REPORT  
ON THE THREE-YEAR PILOT PROGRAM TO CONVERT MOBILEHOME PARKS  
AND MANUFACTURED HOUSING-COMMUNITIES TO DIRECT UTILITY SERVICE**

**PUBLIC VERSION**

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Dated: February 1, 2019

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Pursuant to the January 7, 2019 email directive of Fred Hanes of the Safety and Enforcement Division (SED) of the California Public Utilities Commission (CPUC or Commission), Pacific Gas and Electric Company (PG&E) submits its fourth annual report on the three-year pilot program for conversion of mobilehome parks and manufactured housing communities (collectively, MHPs) from master-meter/submeter service to direct utility services. PG&E's fourth annual report, attached as Appendix A hereto, provides data for the period January 1, 2018 to December 31, 2018.

The information in this fourth annual report is provided in accordance with the same filing requirements as required by Decision 14-03-021, Ordering Paragraph 11. This report is verified by an officer of PG&E, and is being submitted to the Commission's Executive Director, with copies to each Commissioner, the Chief Administrative Law Judge, the Director of the Energy Division (ED), the Director of the Safety and Enforcement Division (SED), and all parties listed on the service list for this

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proceeding. In addition, pursuant to the January 7<sup>th</sup> email, copies of this report were sent to Fred Hanes of SED and David Lee of ED.

Respectfully submitted,

CHARLES R. LEWIS, IV

By: /s/ Charles R. Lewis, IV  
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PACIFIC GAS AND ELECTRIC COMPANY

Dated: February 1, 2019

VERIFICATION

I, Michael Lewis, say:

I am an officer of Pacific Gas and Electric Company (PG&E), a California corporation, and am authorized pursuant to Rule 2.1 and Rule 1.11 of the Rules of Practice and Procedure of the CPUC to make this Verification for and on behalf of PG&E. I have read the foregoing Report and I am informed and believe that the matters therein concerning Pacific Gas and Electric Company are true. Therefore, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed at San Francisco, California, this 24th day of January 2019.



Michael Lewis  
Senior Vice President, Electric  
Operations

# APPENDIX A



***Pacific Gas and  
Electric Company®***



# Mobile Home Park Utility Upgrade Program 2018 CPUC Report

Filing Date: February 1, 2019

**Special Projects Manager:** *Roger Jackson*

**Program Manager:** *Ben Moffat*

**PM Supervisor:** *Rory Dimick*

PACIFIC GAS AND ELECTRIC COMPANY  
MOBILE HOME PARK UTILITY UPGRADE PROGRAM  
2018 CPUC REPORT

TABLE OF CONTENTS

A. Mobile Home Park Utility Program Overview ..... 1

    1. Executive Summary ..... 1

    2. CPUC Pilot Program ..... 1

    3. Program Vision ..... 1

    4. Report Objectives ..... 2

    5. Program Timeline and Current Progress ..... 2

    6. Cost Assessment ..... 4

B. Conclusion ..... 4

## **A. Mobile Home Park Utility Program Overview**

### **1. Executive Summary**

On March 14, 2014, the California Public Utilities Commission (CPUC or Commission) issued their final Decision (D.) 14-03-021 to approve a 3-year “Living Pilot” (Pilot) Program focusing on converting 10 percent of mobile home park (MHP) spaces in California from master-meter service to direct utility service.

The primary purpose of the Pilot Program is to replace MHP owned and operated utility systems with direct public utility gas and electric service for MHP residents. Eight utilities, including Pacific Gas and Electric Company (PG&E), were required to participate beginning January 1, 2015 to implement the CPUC Decision.

### **2. CPUC Pilot Program**

- 3-year Pilot Program started January 2015.
- Construction targeted to be complete by December 2017; however, per D.14-03-021, utilities were originally allowed to complete the 3-year Pilot Program in 2018 provided construction had started in 2017. The CPUC subsequently approved PG&E’s Advice Letters 3822-G/5033-E and 3822-G-A/5033-E-A in Resolution E-4878 that allows PG&E to continue its MHP Pilot until the earlier date of either December 31, 2019, or the issuance of a Commission Decision for the continuation, expansion or modification of the program beyond December 31, 2019. The number of spaces converted in years 2018 and 2019 may not exceed the levels specified in the utility’s respective advice letter filings.
- Initial applications were prioritized by the CPUC and the Department of Housing and Community Development (HCD).
- PG&E must provide outreach to customers and other utilities and share trenches where possible.

### **3. Program Vision**

Working with the CPUC’s Safety Enforcement Division (SED) and the HCD, PG&E will provide safe, reliable and clean energy for the MHP residents.



#### **4. Report Objectives**

In compliance with the directives set forth by SED's January 7, 2019 email regarding this report, this fourth status report includes:

- Data in Excel template provided by SED;
- An updated narrative program assessment; and
- An updated list of all MHP conversions completed, and those in progress, including the city and county, space count, gas utility company, and electric utility company for each conversion.

#### **5. Program Timeline and Current Progress**

The MHP Program originally planned to achieve the conversion of 10 percent of MHP spaces in California from master-meter service to direct utility service. For PG&E, this represented approximately 10,500 spaces identified by SED as Category 1 parks. However, a number of MHPs in Category 1 opted out of the program resulting in a current Category 1 space count of 8,865 across 122 MHPs or approximately 8.4 percent of all MHP master meter spaces in PG&E's territory.

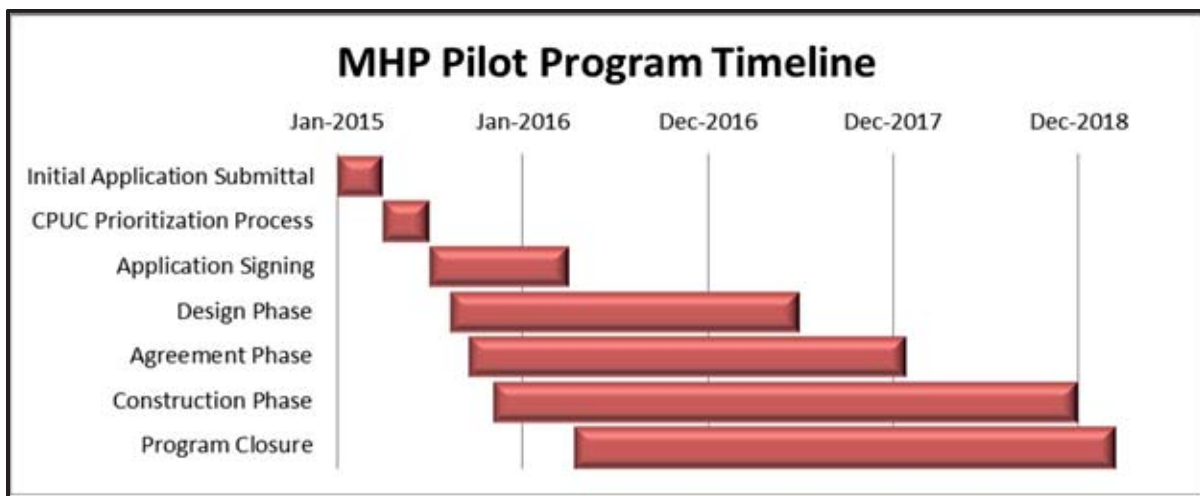
To reach all participating MHP spaces, PG&E developed the timeline shown in Figure 1 ("Timeline for Implementation of 3-Year Pilot Program") noting that, where applicable, dual conversions (natural gas and electric) have been planned through joint efforts with the respective service providers. Additionally, joint trenching opportunities may be leveraged with the MHP's existing telecommunications provider(s).

A number of assumptions are inherent in the schedule. Specifically the schedule assumes that there are no constraints which may prevent the MHP's participation in the Program, such as the MHP owner's ability and willingness to: (1) complete and move forward with a detailed application, (2) execute the Program Agreement, (3) grant the required easements, (4) secure a qualified beyond the meter (BTM) contractor, (5) finance the BTM construction activities and (6) meet the prescribed program schedule. The timeline also assumes that the total number of MHP spaces indicated on the Form of Intent completed by the MHP owners is accurate. Further assumptions include, but are not limited to, the ability for a joint schedule to be developed, accepted, and executed by all impacted utilities where shared territory requires joint construction.

Also, the schedule is dependent on availability of both to the meter and BTM contractors having qualified crews to perform construction and the California HCD and/or other jurisdictional agencies having available trained resources to perform timely inspections on completed portions of the projects. PG&E's schedule is expected to continue to change throughout the Program's life as Agreements are signed and MHPs opt to or decline to participate.

PG&E continues to work on the remaining Category 1 parks and as well as 25 Category 2 parks. As of December 31<sup>st</sup>, 2018, PG&E has completed 121 MHP Category 1 designs, 6 MHP Category 2 designs, and completed the conversions at 73 MHPs. Additionally, there are 4 MHPs in pre-design, 16 MHPs in design, 6 MHPs pending construction start, and 48 MHPs under construction or in construction closeout.

**FIGURE 1  
TIMELINE FOR IMPLEMENTATION OF THE 3-YEAR PILOT PROGRAM**



**TABLE 1  
FINANCIAL COST PROGRAM TO DATE**

<b>Fiscal Year</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$
<b>Total</b>	<b>645</b>	<b>9,125</b>	<b>77,364</b>	<b>155,898</b>	<b>92,753</b>	<b>335,784</b>
Electric To the Meter		1,535	29,384	64,587	34,815	130,321
Gas To the Meter		1,637	28,458	66,174	29,165	125,434
Electric Beyond the Meter						
Gas Beyond the Meter						
Electric Expense	322	2,946	1,440	940	1,405	7,054
Gas Expense	322	3,006	1,434	1,551	976	7,289

## 6. Cost Assessment

As of December 31, 2018, PG&E has spent \$335.78 million and completed conversion of 73 MHPs (of 147 MHPs currently in scope)<sup>1</sup> with a combined total of 4,629 spaces (of 11,505 spaces currently in scope). The total conversion cost for the 73 completed MHPs is \$173.57 million. In addition, there are 74 MHPs with a combined total of 6,876 spaces in design, pending construction start, under construction, or in construction closeout with a conversion cost of \$162.21 million to date. These costs will be adjusted as minor trailing and other costs are received and charged to their respective MHPs.<sup>2</sup>

## B. Conclusion

For further project and program detail, please refer to Chapter 13 of the most recent General Rate Case.

This concludes the fourth annual filing in accordance with Ordering Paragraph 10 of D.14-03-021.

<sup>1</sup> The scope excludes MHPs that declined to participate in the Program and the corresponding space total was calculated from the MHP space counts in the PG&E prioritized list of eligible MHPs. Scope includes Category 1 parks not excluded and 22 Category 2 parks that started planning and design in 2018.

<sup>2</sup> “Trailing charges” may include, but are not limited to, contractor invoices, internal labor charges, or other costs which may not have been received within PG&E’s closing period.

**PACIFIC GAS AND ELECTRIC COMPANY**  
**ATTACHMENT 1**  
**ANNUAL REPORT TEMPLATE**

Annual Report Template*		Per-year costs; not cumulative			
Descriptor		2015	2016	2017	2018
<b>Program Participation</b>					
CARE/FERA enrollment	Number of individuals enrolled in CARE/FERA after the conversion	0	112 Customers	378 Customers	1,331 Customers
Medical Baseline	Number of individuals enrolled in Medical Baseline after the conversion	0	13 Customers	100 Customers	69 Customers
Disadvantaged Community	Number of converted spaces within geographic zones defined by SB 535 map.	0	77	139	1,395
Rural Community**	Number of converted spaces within rural community	0	49	26	27
Urban Community**	Number of converted spaces within urban community	0	211	974	3,342
Leak Survey (Optional)	Number of Leaks identified during preconstruction activity (if known) <i>Note: gas leak figures are revised from previous report. PG&amp;E previously reported the total quantity of leaks identified in program. The quantity of leaks reported in this report are those identified at financially closed parks only.</i>	0	33	90	370
<b>Completed Spaces</b>	Spaces converted that correspond to the project costs reported below. If a project incurs costs over multiple years, report all project costs and spaces converted in the year the project closes.				
Number of TTM MH and Covered Common Area Locations Converted (Gas)		0	265	890	3,054
Number of TTM MH and Covered Common Area Locations Converted (Electric)		0	167	844	2,903
Number of BTM MH Converted Register Spaces (Gas)		0	261	856	2,687
Number of BTM MH Converted Register Spaces (Electric)		0	167	818	2,633
<b>Cost Information</b>					
<b>To The Meter - Capital Costs</b>					
<b>Construction Direct Costs</b>					
Civil/Trenching	To the Meter Construction costs for civil related activities				
Electric		\$ -	\$ 296,898.68	\$ 3,351,806.15	\$ 13,570,250.24
Gas		\$ -	\$ 655,265.45	\$ 3,462,823.85	\$ 13,208,651.91
Gas System					
Labor	Cost for installation of distribution Gas assets, pre-inspection testing, decommissioning of legacy system (Gas Design cost was previously incorporated here)	\$ -	\$ 1,392,314.75	\$ 5,288,448.91	\$ 19,408,335.63
Material / Structures	Pipes, fittings and other necessary materials required for gas construction	\$ -	\$ 483,901.17	\$ 864,088.89	\$ 2,670,895.42
Electric System					
Labor	Cost for installation of distribution Electric assets, pre-inspection testing, decommissioning of legacy system (Electric Design cost was previously incorporated here)	\$ -	\$ 753,867.37	\$ 5,370,860.01	\$ 20,017,794.27
Material / Structures	Cables, conduits, poles, transformers and other necessary materials for electrical construction	\$ -	\$ 427,405.26	\$ 1,808,431.90	\$ 5,516,482.14
Design/Construction Management	Cost for engineering, design and construction inspection cost	\$ -	\$ 1,036,196.77	\$ 3,979,389.82	\$ 10,631,640.20
<b>Other</b>					
Labor (Internal)	Meter installation, gas relights, easements, environmental desktop reviews and other support organizations	\$ -	\$ 52,765.97	\$ 223,212.60	\$ 477,125.33
Other Labor (Internal)***					

Annual Report Template*		Per-year costs; not cumulative			
	Descriptor	2015	2016	2017	2018
Non-Labor	Permits obtained internally	\$ -	\$ 349.00	\$ 4,633.76	\$ 22,556.62
Materials	meters, modules and regulators	\$ -	\$ 58,870.93	\$ 82,008.52	\$ 1,016,424.30
<b>Program - Capital Costs</b>	Costs that are inconsistent among the other IOUs, driven by utility specific business models or cost accounting practices. These costs should be separated out so that others do not compare costs that are not comparable with others.				
<b>Project Management Costs</b>					
Project Management Office (PMO)	Program management office costs (Project Management, Program Management, schedulers, cost analysts and field engineers)	\$ -	\$ 548,233.67	\$ 1,441,659.23	\$ 4,352,130.69
<b>Outreach</b>					
Property Tax	Property tax on capital spending not yet put into service	\$ -	\$ -	\$ -	\$ -
AFUDC	AFUDC is a mechanism in which the utility is allowed to recover the financing cost of it's construction activities. AFUDC starts when the first dollar is recorded on the project and ends when HCD complete the first inspection so that the new assets are in use by the residents.	\$ -	\$ 72,915.93	\$ 1,293,616.41	\$ 2,793,024.03
<b>Other</b>					
Labor (Internal)***					
Non-Labor	Utility specific overhead driven by corporate cost model	\$ -	\$ 459,113.97	\$ 1,331,325.09	\$ 2,826,407.19
<b>Sub-Total Capital Cost</b>		<b>\$ -</b>	<b>\$ 6,238,098.92</b>	<b>\$ 28,502,305.14</b>	<b>\$ 96,511,717.97</b>
<b>To The Meter - Expense Costs</b>					
<b>Project Management Costs</b>					
Project Management Office (PMO)	Program startup cost	\$ -	\$ 124,105.50	\$ 557,576.45	\$ 1,898,789.31
Outreach	Outreach efforts to educate MHP Owners, residents, government and local agencies about the program	\$ -	\$ 79,996.53	\$ 359,405.36	\$ 1,223,930.93
<b>Other</b>					
Labor (Internal)	Program startup cost for supporting organizations	\$ -	\$ 1,441.96	\$ 6,478.38	\$ 22,061.70
Other Labor (Internal)***					
Design/Construction Management	Training Cost for engineering, design and construction inspection cost	\$ -	\$ 62,416.48	\$ 280,422.36	\$ 954,959.60
Non-Labor	Utility specific overhead driven by corporate cost model	\$ -	\$ 72,189.83	\$ 324,331.72	\$ 1,104,489.97
Cancelled project cost	Cancelled Project Costs from MHPs that have failed to complete the MHP agreement or have cancelled the project	\$ -	\$ 16,413.57	\$ 73,742.27	\$ 251,124.38
<b>Sub-Total To The Meter</b>		<b>\$ -</b>	<b>\$ 6,594,662.80</b>	<b>\$ 30,104,261.69</b>	<b>\$ 101,967,073.85</b>

Annual Report Template*		Per-year costs; not cumulative			
	Descriptor	2015	2016	2017	2018
<b>Beyond The Meter - Capital</b>	Pass through cost where the MHP Owner is responsible for overseeing the vendor's work and IOU to reimburse per D.14-02-021				
<b>Civil/Trenching</b>	NA				
<b>Electric System</b>					
Labor	Labor and material for installing	\$ -	\$ 451,040.38	\$ 2,234,248.24	\$ 9,151,653.90
Material / Structures	BTM Electric infrastructure (e.g.	\$ -	\$ 123,780.41	\$ 528,302.51	\$ 2,918,250.67
<b>Gas System</b>					
Labor	Labor and material for installing	\$ -	\$ 607,071.59	\$ 3,433,978.21	\$ 10,342,088.39
Material / Structures	BTM Gas infrastructure (e.g.	\$ -	\$ 472,934.23	\$ 819,579.85	\$ 2,142,887.60
<b>Other</b>	BTM Permits, including HCD fees				
Other Labor (Internal)***		\$ -	\$ 98,416.00	\$ 384,779.29	\$ 1,199,324.69
<b>Sub-Total Beyond The Meter</b>		\$ -	\$ 1,753,242.61	\$ 7,400,888.10	\$ 25,754,205.25
<b>Total TTM &amp; BTM</b>			\$ 8,347,905.41	\$ 37,505,149.79	\$ 127,721,279.10

Annual Report Template*		Per-year costs; not cumulative										
Descriptor		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Rate Impact and Revenue Requirement</b>												
<b>Rate Impact</b>												
Gas												
	Average Rate w/o MMBA recovery - non CARE	\$ 1.496570	\$ 1.471460	\$ 1.596710	\$ 1.516020	\$ 1.602300	\$ 1.602300	\$ 1.602300	\$ 1.602300	\$ 1.602300	\$ 1.602300	\$ 1.602300
	Average Rate w/ MMBA recovery - non CARE	\$ 1.496660	\$ 1.472710	\$ 1.597840	\$ 1.518670	\$ 1.612440	\$ 1.613640	\$ 1.613290	\$ 1.612850	\$ 1.612430	\$ 1.612010	\$ 1.611590
	Rate Change - non Care	\$ 0.000090	\$ 0.001250	\$ 0.001130	\$ 0.002650	\$ 0.010140	\$ 0.011340	\$ 0.010990	\$ 0.010550	\$ 0.010130	\$ 0.009710	\$ 0.009290
	% Rate Change - non Care	0.01%	0.08%	0.07%	0.17%	0.63%	0.71%	0.69%	0.66%	0.63%	0.61%	0.58%
	Average Rate w/o MMBA recovery - Non-Core	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Average Rate w/ MMBA recovery - Non-Core	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Rate Change - Non-Core	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	% Rate Change - Non-Core	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Electric</b>												
	Average Rate w/o MMBA recovery - Total System	\$ 0.171752	\$ 0.177724	\$ 0.187776	\$ 0.195360	\$ 0.195360	\$ 0.195360	\$ 0.195360	\$ 0.195360	\$ 0.195360	\$ 0.195360	\$ 0.195360
	Average Rate w/ MMBA recovery - Total System	\$ 0.171755	\$ 0.177762	\$ 0.187792	\$ 0.195450	\$ 0.195676	\$ 0.195719	\$ 0.195708	\$ 0.195694	\$ 0.195681	\$ 0.195667	\$ 0.195654
	Rate Change - Total System	\$ 0.000003	\$ 0.000038	\$ 0.000017	\$ 0.000091	\$ 0.000316	\$ 0.000360	\$ 0.000348	\$ 0.000335	\$ 0.000321	\$ 0.000308	\$ 0.000294
	% Rate Change - Total System	0.00%	0.02%	0.01%	0.05%	0.16%	0.18%	0.18%	0.17%	0.16%	0.16%	0.15%
<b>Revenue Requirement</b>												
	Gas Revenue Requirement-TTM	\$ 3,008,794	\$ 1,949,069	\$ 4,012,942	\$ 12,653,985	\$ 18,226,604	\$ 19,562,465	\$ 19,192,637	\$ 18,602,911	\$ 18,026,694	\$ 17,463,480	\$ 16,916,713
	Electric Revenue Requirement-TTM	\$ 2,948,668	\$ 1,743,681	\$ 3,709,280	\$ 13,209,572	\$ 18,896,451	\$ 20,134,466	\$ 19,711,265	\$ 19,084,547	\$ 18,472,035	\$ 17,872,307	\$ 17,286,794
	Gas Revenue Requirement-BTM	\$ -	\$ 147,971	\$ 3,256,959	\$ 5,004,983	\$ 8,150,581	\$ 8,840,665	\$ 8,336,032	\$ 7,843,959	\$ 7,351,553	\$ 6,859,156	\$ 6,366,759
	Electric Revenue Requirement-BTM	\$ -	\$ 134,950	\$ 3,384,210	\$ 4,250,109	\$ 7,559,478	\$ 8,356,323	\$ 7,878,868	\$ 7,414,811	\$ 6,950,399	\$ 6,485,997	\$ 6,021,595
	<b>Total</b>	<b>\$ 5,957,462</b>	<b>\$ 3,826,700</b>	<b>\$ 11,367,481</b>	<b>\$ 30,118,671</b>	<b>\$ 44,736,669</b>	<b>\$ 48,853,953</b>	<b>\$ 47,812,802</b>	<b>\$ 46,532,417</b>	<b>\$ 45,451,128</b>	<b>\$ 44,341,833</b>	<b>\$ 43,265,861</b>
	<b>Present Value Requirement</b>	<b>\$ 113,324,174</b>	<b>\$ 115,832,027</b>	<b>\$ 118,340,880</b>	<b>\$ 120,849,733</b>	<b>\$ 123,358,586</b>	<b>\$ 125,867,439</b>	<b>\$ 128,376,292</b>	<b>\$ 130,885,145</b>	<b>\$ 133,394,000</b>	<b>\$ 135,902,853</b>	<b>\$ 138,411,706</b>

\*An appendix can be provided to define each category if needed

\*\*The Census Bureau identifies two types of urban areas:

- Urbanized Areas (UAs) of 50,000 or more people;
- Urban Clusters (UCs) of at least 2,500 and less than 50,000 people.

"Rural" encompasses all population, housing, and territory not included within an urban area. The Census Bureau website is: <https://www.census.gov/geo/reference/urban-rural.html>.

\*\*\*Provide as many labor cost lines with descriptions as needed to clarify types of labor included in project.



**PACIFIC GAS AND ELECTRIC COMPANY**  
**ATTACHMENT 2**  
**MOBILE HOME PARK LIST**

2018 CPUC Annual Report - MHP List

HCDID	Category	Park Name	Space Count	Status	Electric Utility	Gas Utility	City	County
	1			Conversion Complete	PG&E	PG&E	SANTA ROSA	SONOMA
	1			Conversion Complete	PG&E	PG&E	FRESNO	FRESNO
	1			Conversion Complete	PG&E	PG&E	FRESNO	FRESNO
	1			In Progress	PG&E	PG&E	SOQUEL	SANTA CRUZ
	1			Conversion Complete	PG&E	PG&E	CHICO	BUTTE
	1			In Progress	PG&E	PG&E	SAN JOSE	SANTA CLARA
	1			Conversion Complete	SMUD	PG&E	SACRAMENTO	SACRAMENTO
	1			Conversion Complete	SMUD	PG&E	SACRAMENTO	SACRAMENTO
	1			Conversion Complete	PG&E	PG&E	CASTRO VALLEY	ALAMEDA
	2			In Progress	PG&E	PG&E	BAKERSFIELD	KERN
	1			Conversion Complete	PG&E	In California Gas	BAYWOOD PARK	SAN LUIS OBISPO
	1			In Progress	PG&E	PG&E	STOCKTON	SAN JOAQUIN
	1			Conversion Complete	PG&E	PG&E	ORLAND	GLENN
	2			In Progress	PG&E	PG&E	BAKERSFIELD	KERN
	1			Conversion Complete	PG&E	PG&E	APTOS	SANTA CRUZ
	2			In Progress	PG&E	PG&E	CLOVIS	FRESNO
	1			Conversion Complete	PG&E	PG&E	LOS GATOS	SANTA CLARA
	1			Conversion Complete	PG&E	PG&E	GRIDLEY	BUTTE
	2			In Progress	PG&E	PG&E	SALINAS	MONTEREY
	1			Conversion Complete	PG&E	PG&E	WEST SACRAMENTO	YOLO
	2			In Progress	PG&E	PG&E	ANDERSON	SHASTA
	1			Conversion Complete	PG&E	PG&E	SOQUEL	SANTA CRUZ
	1			In Progress	PG&E	PG&E	VACAVILLE	SOLANO
	1			In Progress	PG&E	PG&E	LOS BANOS	MERCED
	1			In Progress	PG&E	PG&E	ATWATER	MERCED
	1			Conversion Complete	PG&E	PG&E	UNION CITY	ALAMEDA
	1			Conversion Complete	PG&E	PG&E	CHICO	BUTTE
	2			In Progress	PG&E	PG&E	CONCORD	CONTRA COSTA
	1			In Progress	PG&E	PG&E	OROVILLE	BUTTE
	1			In Progress	PG&E	PG&E	TRACY	SAN JOAQUIN
	1			Conversion Complete	PG&E	PG&E	GRASS VALLEY	NEVADA
	1			In Progress	PG&E	PG&E	DAVIS	YOLO
	2			In Progress	PG&E	PG&E	SACRAMENTO	SACRAMENTO
	1			In Progress	PG&E	PG&E	WEST SACRAMENTO	YOLO
	1			Conversion Complete	PG&E	PG&E	FRESNO	FRESNO
	1			In Progress	PG&E	PG&E	ATWATER	MERCED
	1			Conversion Complete	PG&E	PG&E	WILLITS	MENDOCINO
	1			Conversion Complete	PG&E	PG&E	AMERICAN CANYON	NAPA
	1			Conversion Complete	PG&E	PG&E	HOLLISTER	SAN BENITO
	1			Conversion Complete	PG&E	PG&E	PALERMO	BUTTE
	2			In Progress	PG&E	PG&E	SEBASTOPOL	SONOMA
	2			In Progress	PG&E	PG&E	MILPITAS	SANTA CLARA
	1			Conversion Complete	PG&E	PG&E	COTTONWOOD	SHASTA

2018 CPUC Annual Report - MHP List

HCID	Category	Park Name	Space Count	Status	Electric Utility	Gas Utility	City	County
	1			Conversion Complete	PG&E	PG&E	HAYWARD	ALAMEDA
	1			Conversion Complete	PG&E	PG&E	RED BLUFF	TEHAMA
	1			In Progress	PG&E	PG&E	LOOMIS	PLACER
	1			In Progress	PG&E	PG&E	STOCKTON	SAN JOAQUIN
	1			In Progress	PG&E	PG&E	RED BLUFF	TEHAMA
	1			Conversion Complete	PG&E	In California Gas	ARROYO GRANDE	SAN LUIS OBISPO
	2			In Progress	PG&E	PG&E	GRANITE BAY	PLACER
	1			In Progress	PG&E	PG&E	SEASIDE	MONTEREY
	1			Conversion Complete	PG&E	PG&E	YUBA CITY	SUTTER
	1			In Progress	PG&E	PG&E	UKIAH	MENDOCINO
	1			In Progress	PG&E	PG&E	OAKDALE	STANISLAUS
	1			Conversion Complete	PG&E	PG&E	MORGAN HILL	SANTA CLARA
	1			Conversion Complete	PG&E	In California Gas	ATASCADERO	SANTA CLARA
	1			In Progress	PG&E	PG&E	BENICIA	SOLANO
	1			Conversion Complete	SMUD	PG&E	SACRAMENTO	SACRAMENTO
	1			In Progress	PG&E	PG&E	EUREKA	HUMBOLDT
	1			Conversion Complete	PG&E	PG&E	PARADISE	BUTTE
	2			In Progress	SMUD	PG&E	CITRUS HEIGHTS	SACRAMENTO
	2			In Progress	PG&E	PG&E	IONE	AMADOR
	2			In Progress	PG&E	PG&E	CHICO	BUTTE
	1			Conversion Complete	City of Lake Shast	PG&E	SUMMIT CITY	SHASTA
	1			Conversion Complete	PG&E	PG&E	SANTA ROSA	SONOMA
	1			Conversion Complete	PG&E	PG&E	VACAVILLE	SOLANO
	1			In Progress	PG&E	PG&E	LOCKEFORD	SAN JOAQUIN
	1			Conversion Complete	PG&E	PG&E	CAPITOLA	SANTA CRUZ
	1			Conversion Complete	PG&E	PG&E	LIVERMORE	ALAMEDA
	1			In Progress	PG&E	PG&E	BAKERSFIELD	KERN
	1			In Progress	PG&E	PG&E	BAKERSFIELD	KERN
	2			In Progress	PG&E	PG&E	MERCED	MERCED
	1			In Progress	PG&E	PG&E	FRESNO	FRESNO
	1			In Progress	PG&E	PG&E	STOCKTON	SAN JOAQUIN
	1			In Progress	PG&E	PG&E	MERCED	MERCED
	1			In Progress	PG&E	PG&E	SONOMA	SONOMA
	1			In Progress	PG&E	PG&E	TRACY	SAN JOAQUIN
	1			In Progress	PG&E	PG&E	REDDING	SHASTA
	2			In Progress	PG&E	PG&E	MOUNTAIN VIEW	SANTA CLARA
	1			Conversion Complete	PG&E	PG&E	FRESNO	FRESNO
	1			Conversion Complete	PG&E	In California Gas	SANTA MARIA	SANTA BARBARA
	1			Conversion Complete	PG&E	In California Gas	BAKERSFIELD	KERN
	1			In Progress	PG&E	PG&E	TRACY	SAN JOAQUIN
	1			Conversion Complete	PG&E	PG&E	HEALDSBURG	SONOMA
	1			Conversion Complete	PG&E	PG&E	SOQUEL	SANTA CRUZ
	1			Conversion Complete	SMUD	PG&E	SACRAMENTO	SACRAMENTO

2018 CPUC Annual Report - MHP List

HCDID	Category	Park Name	Space Count	Status	Electric Utility	Gas Utility	City	County
	1			Conversion Complete	PG&E	PG&E	OROVILLE	BUTTE
	1			Conversion Complete	PG&E	PG&E	EAST PALO ALTO	SAN MATEO
	1			Conversion Complete	PG&E	PG&E	SAN LEANDRO	ALAMEDA
	2			In Progress	PG&E	PG&E	GRASS VALLEY	NEVADA
	1			Conversion Complete	PG&E	PG&E	SANTA ROSA	SONOMA
	1			In Progress	PG&E	PG&E	OROVILLE	BUTTE
	1			Conversion Complete	PG&E	PG&E	EUREKA	HUMBOLDT
	1			Conversion Complete	PG&E	PG&E	SANTA CRUZ	SANTA CRUZ
	1			Conversion Complete	PG&E	PG&E	COTATI	SONOMA
	1			In Progress	PG&E	PG&E	SONOMA	SONOMA
	1			Conversion Complete	PG&E	PG&E	REDDING	SHASTA
	1			Conversion Complete	PG&E	PG&E	RIO DELL	HUMBOLDT
	2			In Progress	PG&E	PG&E	RIO DELL	HUMBOLDT
	1			In Progress	PG&E	PG&E	OAKDALE	STANISLAUS
	1			Conversion Complete	PG&E	n California Gas	SANTA MARIA	SANTA BARBARA
	1			In Progress	PG&E	PG&E	STOCKTON	SAN JOAQUIN
	1			Conversion Complete	PG&E	PG&E	RODEO	CONTRA COSTA
	1			Conversion Complete	PG&E	PG&E	ROCKLIN	PLACER
	1			In Progress	PG&E	PG&E	SAN LEANDRO	ALAMEDA
	2			In Progress	PG&E	PG&E	STOCKTON	SAN JOAQUIN
	1			Conversion Complete	PG&E	n California Gas	SANTA MARIA	SANTA BARBARA
	1			In Progress	PG&E	PG&E	SCOTT'S VALLEY	SANTA CRUZ
	1			In Progress	PG&E	PG&E	BOULDER CREEK	SANTA CRUZ
	1			In Progress	City of Lodi	PG&E	LODI	SAN JOAQUIN
	1			Conversion Complete	PG&E	PG&E	BURNEY	SHASTA
	1			In Progress	PG&E	PG&E	BRISBANE	SAN MATEO
	1			Conversion Complete	PG&E	PG&E	SAN JOSE	SANTA CLARA
	1			In Progress	PG&E	PG&E	SAN JOSE	SANTA CLARA
	1			Conversion Complete	PG&E	PG&E	REDDING	SHASTA
	1			In Progress	PG&E	PG&E	SCOTT'S VALLEY	SANTA CRUZ
	1			In Progress	PG&E	PG&E	EUREKA	HUMBOLDT
	1			Conversion Complete	PG&E	PG&E	SALINAS	MONTEREY
	1			Conversion Complete	PG&E	PG&E	OROVILLE	BUTTE
	1			Conversion Complete	PG&E	PG&E	ANDERSON	SHASTA
	1			In Progress	PG&E	PG&E	MOUNTAIN VIEW	SANTA CLARA
	1			In Progress	PG&E	PG&E	SAN PABLO	CONTRA COSTA
	1			Conversion Complete	PG&E	PG&E	BAKERSFIELD	KERN
	2			In Progress	PG&E	PG&E	FRESNO	FRESNO
	1			Conversion Complete	PG&E	PG&E	MARYSVILLE	YUBA
	2			In Progress	PG&E	PG&E	MCKINLEYVILLE	HUMBOLDT
	1			In Progress	PG&E	PG&E	ARCATA	HUMBOLDT
	1			Conversion Complete	PG&E	PG&E	SANTA CRUZ	SANTA CRUZ
	1			Conversion Complete	PG&E	n California Gas	PASO ROBLES	SAN LUIS OBISPO

2018 CPUC Annual Report - MHP List

HCDID	Category	Park Name	Space Count	Status	Electric Utility	Gas Utility	City	County
	1			Conversion Complete	PG&E	PG&E	MAXWELL	COLUSA
	1			In Progress	PG&E	PG&E	UKIAH	MENDOCINO
	1			In Progress	PG&E	PG&E	STOCKTON	SAN JOAQUIN
	2			In Progress	PG&E	PG&E	VALLEJO	SOLANO
	1			Conversion Complete	PG&E	PG&E	PINEDALE	FRESNO
	1			In Progress	PG&E	PG&E	CLOVIS	FRESNO
	1			Conversion Complete	PG&E	n California Gas	SAN LUIS OBISPO	SAN LUIS OBISPO
	1			Conversion Complete	PG&E	PG&E	GRASS VALLEY	NEVADA
	1			In Progress	PG&E	PG&E	CASTRO VALLEY	ALAMEDA
	1			Conversion Complete	PG&E	PG&E	SAN JOSE	SANTA CLARA
	1			In Progress	PG&E	PG&E	FRESNO	FRESNO
	1			Conversion Complete	PG&E	PG&E	SANTA ROSA	SONOMA
	1			Conversion Complete	PG&E	PG&E	FRESNO	FRESNO
	1			Conversion Complete	PG&E	PG&E	SANTA ROSA	SONOMA
	2			In Progress	PG&E	n California Gas	BAKERSFIELD	KERN
	2			In Progress	PG&E	n California Gas	LOS ALAMOS	SANTA BARBARA
	2			In Progress	PG&E	n California Gas	SANTA MARIA	SANTA BARBARA
	2			In Progress	PG&E	PG&E	BAKERSFIELD	KERN