



Pacific Gas and Electric Company Green Communities Reports for Local Governments

PG&E makes data available to local governments to support Climate Planning Activities through the Green Communities program. Learn more about impact and opportunities in your community to reduce energy usage and greenhouse gas emissions.

To request reports, email GHGDataRequests@pge.com or visit <http://www.pge.com/mybusiness/environment/whatyoucando/greencommunities/>

Report Information

	Description	Level of Aggregation								
		Geographical				Interval			Customer	
		City	Zip Code	Zip+4*	Address	Annual	Quarterly	Monthly*	Non-Residential Residential	Single/Multi-Family PG&E Sector Account
Inventory Data										
Community-wide GHG Inventory	Community-wide energy usage and emissions for community-wide GHG inventory	•					•		•	•
Municipal Operations GHG Inventory	Municipal energy usage and emissions for municipal GHG inventory	•	•	•		•				•
Insight and Planning Reports										
Energy Overview	Quarterly energy usage and emissions for residential and non-residential categories.	•					•	•	•	•
Residential Overview	Residential quarterly energy usage by zip code	•	•				•	•	•	•
Non-Residential Overview	Non-residential energy usage by zip code and PG&E customer sector (report only; raw data requires NDA)	•	•				•	•	•	
Municipal Operations	Annual energy usage and emissions for all city-owned accounts	•	•	•		•				•
Interconnected PV Generation	Quarterly annual solar capacity and sites interconnected to the electricity grid.	•	•				•		•	•
Residential Energy Efficiency Opportunity	Opportunity analysis for implementation of residential energy efficiency programs. NDA Required	•	•				•			

Notes:

- CPUC 15/15 Rule applied to all aggregate data (no categories fewer than 15 customers or one customer greater than 15% of usage)
- * Green Communities will provide Non-Disclosure Agreement for local governments where applicable



GHG Inventory Reports

These reports were designed to provide local governments with the data they will need to develop their GHG inventories and climate action plans. In order to maximize its ability to serve all of its municipal customers, PG&E worked with ICLEI- Local Governments for Sustainability (ICLEI)¹ to develop the two standardized reports described below.

Community-wide GHG Inventory

This report contains the aggregated electricity and natural gas use of a city or county, and the CO₂ emissions (in metric tonnes) associated with that city or county's energy use. The data for both cities and counties is further divided into Residential, Commercial and Industrial categories. There is also a category for emission reductions from enrolled ClimateSmart customers for both Electricity and Natural Gas.

Sample of Aggregate Data

RATE DATA ANALYSIS: DR3712 GAS AND ELECTRIC GHG SUMMARY FOR INCORPORATED CITIES AND UNINCORPORATED PORTIONS OF HOME COUNTY																
CITY	YEAR	CATEGORY	RES ELEC AVG (KWH)	RES ELEC USE (KWH)	RES ELEC GHG (metric tonnes)	RES ELEC CLIM (lbs)	COM ELEC AVG (KWH)	COM ELEC USE (KWH)	RES ELEC GHG (metric tonnes)	RES ELEC CLIM (lbs)	IND ELEC AVG (KWH)	IND ELEC USE (KWH)	IND ELEC GHG (metric tonnes)	IND ELEC CLIM (lbs)	IND ELEC 1515	DA KWH
City A	2006	{3} COUNTY					1,143	83,058	17							
City A	2006	NONCOUNTY	649	534,396	7,350		24,610	104,396	8,710						FAIL	ZZZZ
City B	2006	{3} COUNTY					1,507	342,193	71							
City B	2006	NONCOUNTY	619	652,931	2,617		15,085	982,718	3,100							ZZZZ
City C	2006	{3} COUNTY					16,258	597,273	1,571							
City C	2006	NONCOUNTY	965	877,514	36,792		20,957	873,480	35,344						FAIL	ZZZZ
UNINC HOME CO.	2006	{3} COUNTY	609	12,605	3		3,202	911,783	602							
UNINC HOME CO.	2006	NONCOUNTY	2,552	563,867	26,799		14,080	133,523	43,464		15,384	384,609	1,527		FAIL	ZZZZ

Municipal Operations GHG Inventory

This report contains the detailed electricity and natural gas use of a city's facilities and its associated CO₂ emissions. Each service agreement for every city account that PG&E has on record for a particular city is identified (e.g. City Hall, library, fire station, irrigation pump, traffic signal, etc.)

Sample of Detailed Data

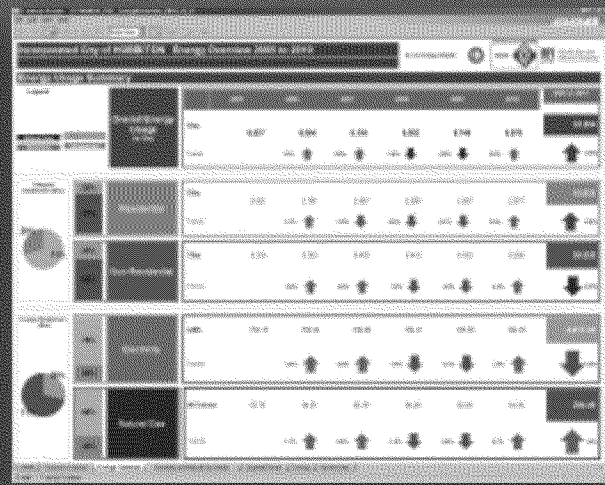
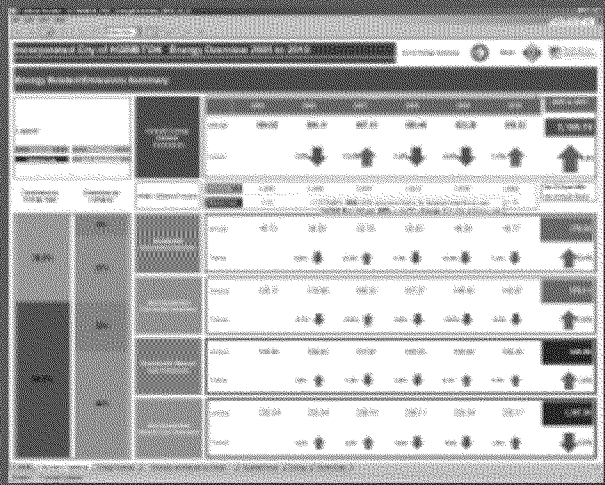
RATE DATA ANALYSIS: DR3728 2005 CITY DETAIL GHG DATA FOR MY TOWN														
CUSTOMER NAME	{TOT} CITY NAME	ACCOUNT ID	SERVICE AGREEMENT ID	PREMISE TYPE	BUSINESS ACTIVITY	SERVICE ADDRESS	SERVICE CITY	SERVICE ZIP	BUSINESS OWNERSHIP	RATE SCHEDULE	KWH	ELEC REVENUE	THM	GAS REVENUE
CITY OF MY TOWN	MY TOWN	1234	1	COM OR IND	TRAFFIC SIGNAL	11 EAST HWY	MY TOWN	90000	{4} CITY	TC1 - TRAFFIC CONTROL SERVICE	678	706		
CITY OF MY TOWN	MY TOWN	1234	2	COM OR IND	SEWAGE PUMP STATION	123 INDUSTRIAL	MY TOWN	90000	{4} CITY	A1 - SMALL GENERAL SERVICE	347	2,074		



Pacific Gas and Electric Company Green Communities Energy Overview Report

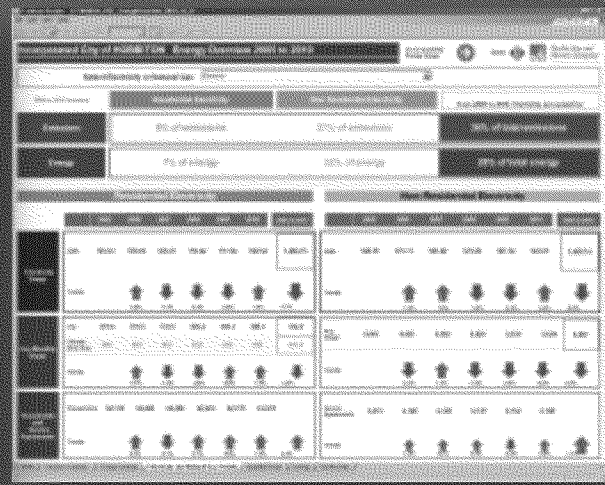
The Energy Overview Report provides information to help communities assess energy usage and related emissions and evaluate main drivers of related trends. The report covers PG&E delivered quarterly energy usage from 2005 to 2010 for residential and nonresidential customers. Information about community-wide PG&E energy efficiency program participation is also included.

Understand trends in electricity, natural gas, and energy usage, as well as energy related emissions.



Trends are categorized by residential and non-residential customer usage.

Understand quarterly usage trends and main drivers of trends in non-residential and residential usage.



Find out more about participation in PG&E energy efficiency programs by type of technology.



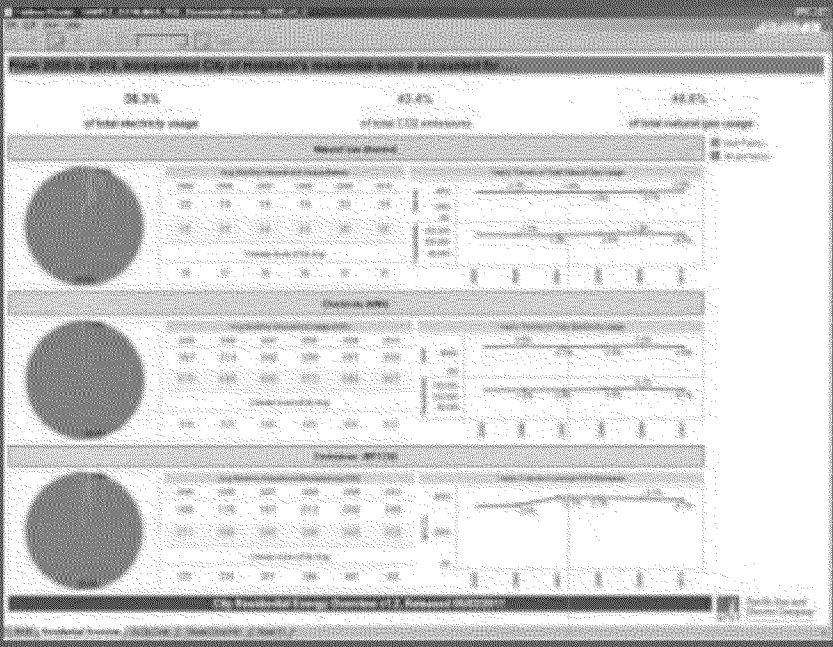


Pacific Gas and Electric Company Green Communities Residential Overview Report

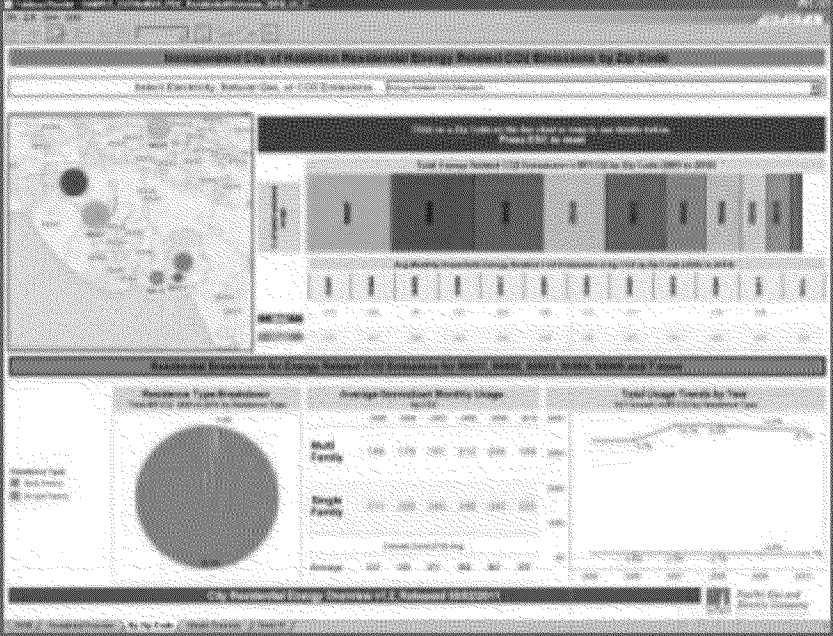
The Residential Overview Report provides information to help communities assess aggregate energy usage of residential customers and assess how usage differs between zip codes. . The report covers PG&E delivered energy usage from 2005 to 2010 for residential customers by zip code.

Understand how residential energy usage contributes to overall energy usage.

See trends in average and overall energy usage and a breakdown of single and multifamily energy usage and related emissions.

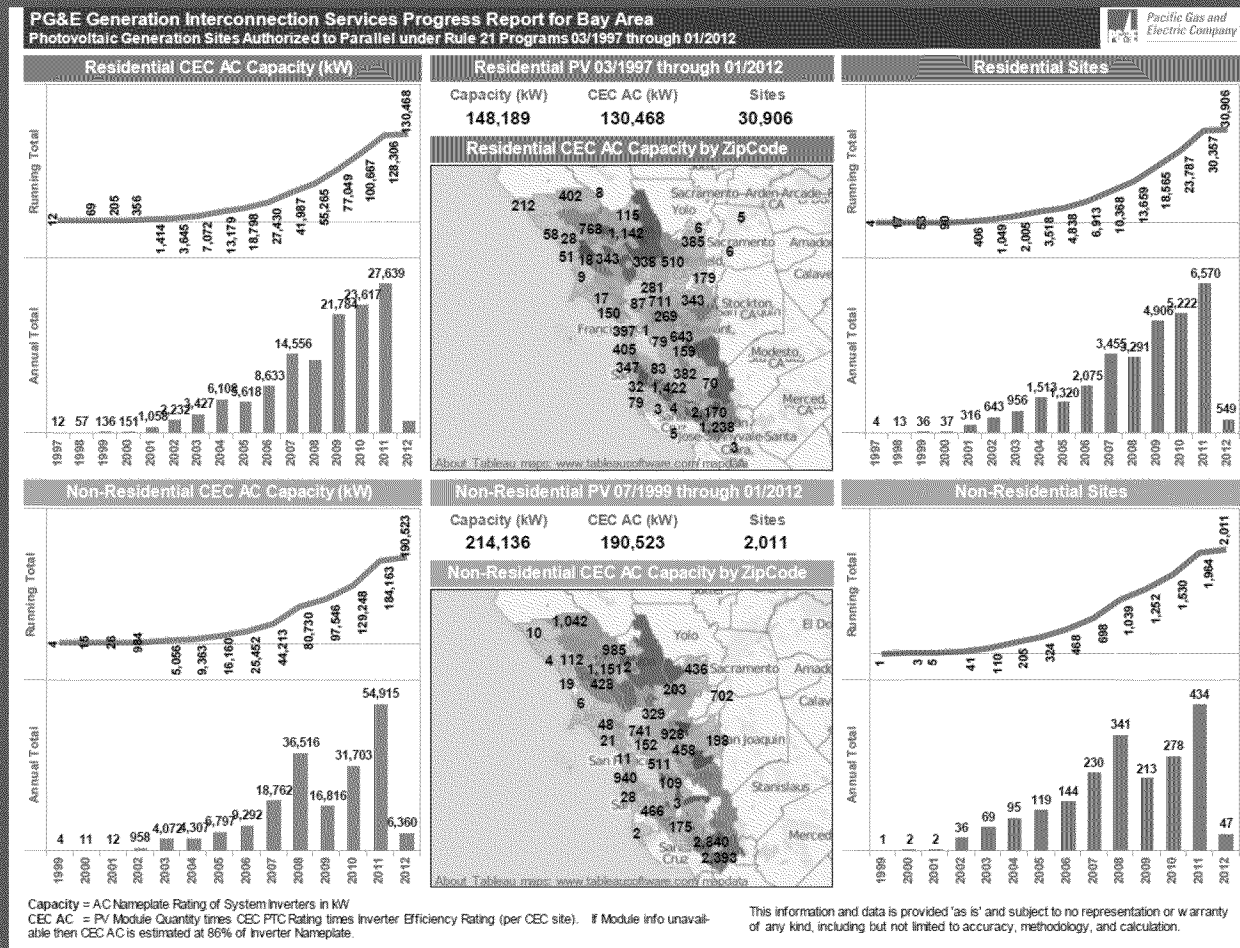


See characteristics of residential energy usage in zip codes in your community



The Generation Interconnected Service Report details annual or quarterly photovoltaic sites and capacity interconnected to the electricity grid in your jurisdiction.

See photovoltaic nameplate and CEC capacity running and annual totals by year, quarter, and zip code. This report also includes raw data.

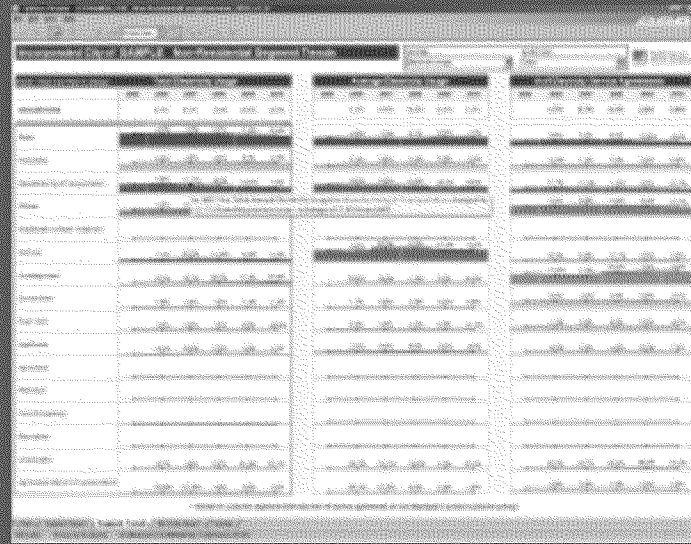
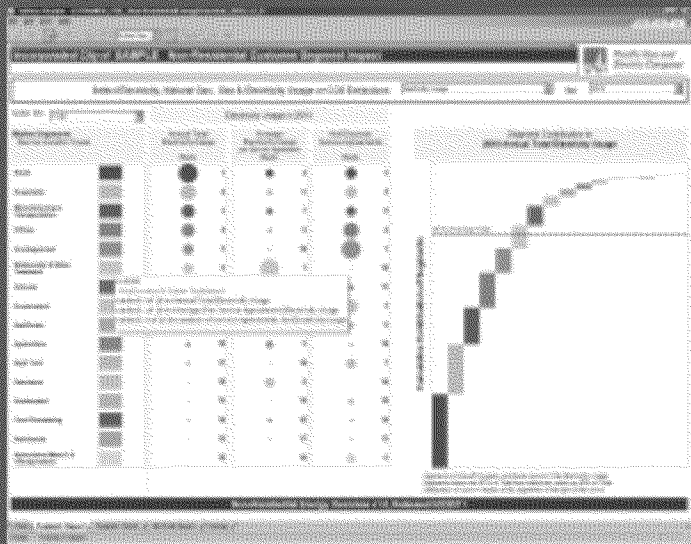




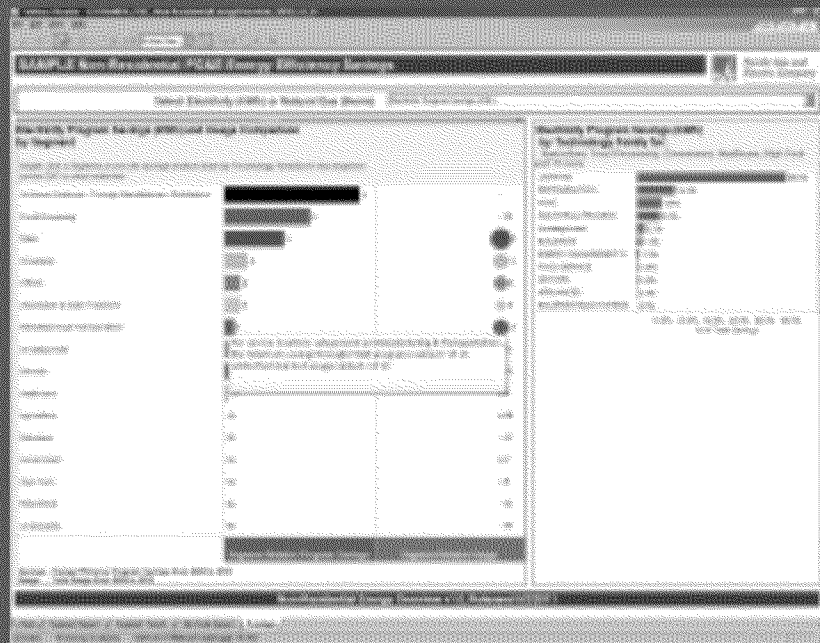
Pacific Gas and Electric Company Green Communities Non-Residential Overview

The Non-Residential overview provides insights into how non-residential energy usage contributes to overall community greenhouse gas emissions. Understand the energy characteristics of different customer segments and zip codes (report only; raw data requires NDA)

Understand how customer segments contribute to community energy usage and related emissions as well as characteristics and trends of each segment's energy usage and related emissions.



See which technologies segments in your community have used to reduce their energy usage through PG&E energy efficiency programs.

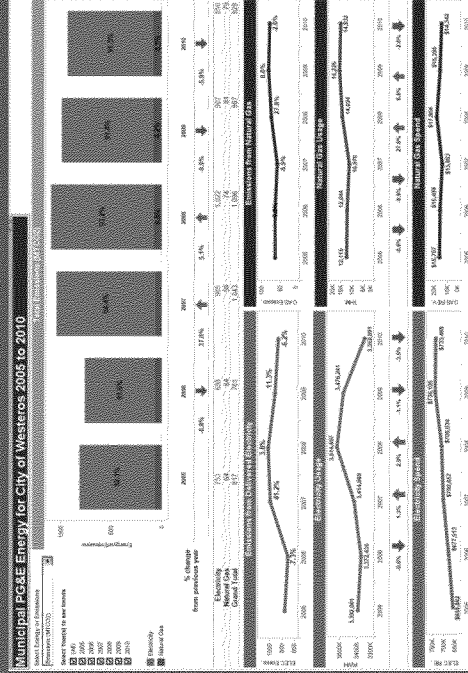




Pacific Gas and Electric Company Green Communities Municipal Planning

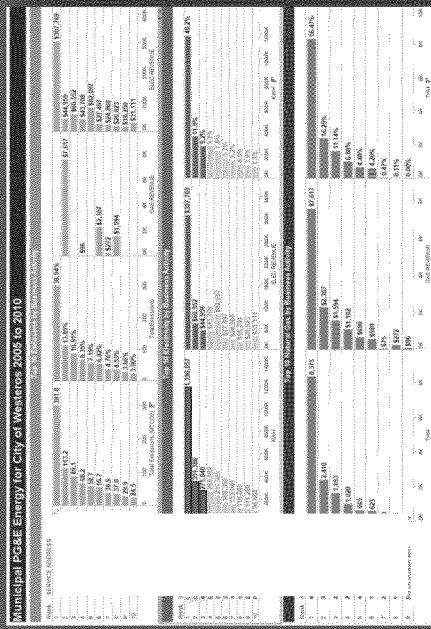
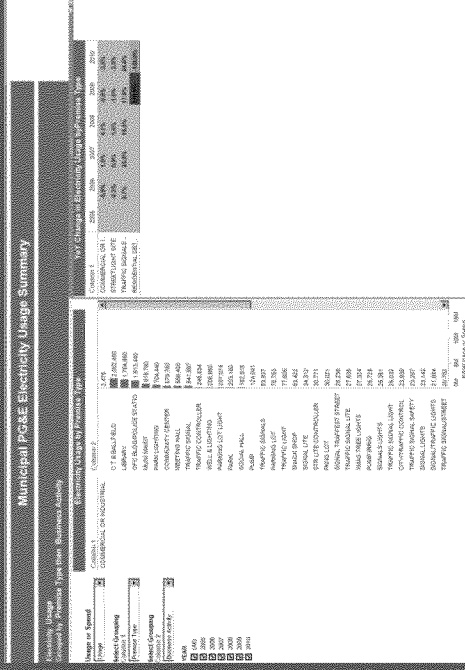
The Municipal Planning report complements the Municipal GHG Inventory report, providing insights into energy usage at the account level and an easy way to understand your City or County's municipal energy related GHG emissions.

Understand your Municipal GHG inventory and where there are opportunities for energy reduction.



See trends in electricity and natural gas consumption and cost and how they contribute to overall emissions.

Understand which facilities contribute most to overall and trends in emissions and energy usage





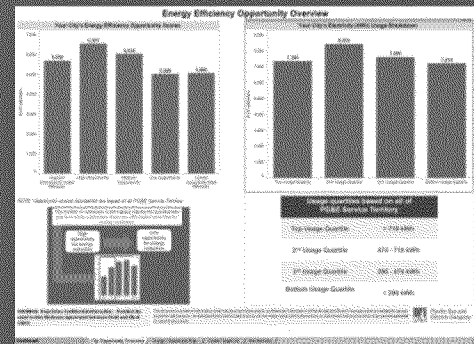
Pacific Gas and Electric Company Green Communities Residential Energy Efficiency Opportunity

The Residential Energy Efficiency Opportunity report will help you find neighborhoods in your community that have high opportunity for energy reduction based on a comparative analysis of energy usage.

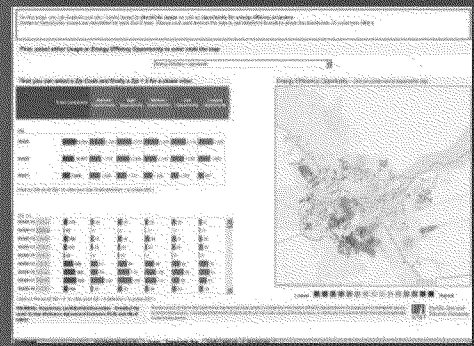
A non-disclosure agreement will be required before release of this report.

This report is intended to identify areas in your community with the best potential for energy reduction, the first step in a process to determine where to focus your efforts and investments to achieve maximum impact

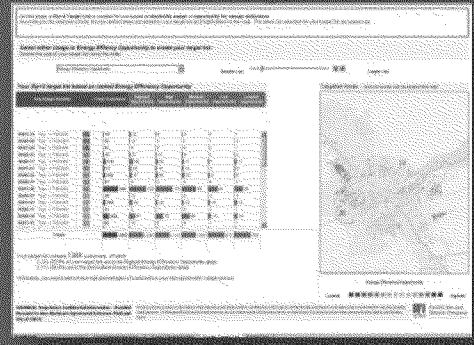
See an overview of the opportunity for energy efficiency in your city. Distribution of Energy Efficiency Opportunity (by quintiles) and energy usage (by quartile).



This interactive map will help you explore the characteristics of areas in your region that you've targeted for energy efficiency programs



Develop a list of areas to target and understand the characteristics of each area based on a ranked list of areas with highest opportunity for energy reduction



This sheet has raw data for export into spreadsheet, including Census tract to zip plus four mapping and GIS information for individual zip plus four locations

Data Export

Census Tract	Zip	Opportunity Score	Energy Usage	Population	Area
00101	94001	1000	2712	1000	Area 1
00102	94002	950	2800	1100	Area 2
00103	94003	900	2900	1200	Area 3
00104	94004	850	3000	1300	Area 4
00105	94005	800	3100	1400	Area 5