

This document will help you understand drivers of Burlingame's energy usage and the ways the community and PG&E are partnering to decrease energy consumption

Overall energy usage

This is the breakdown between **Non-Residential** and **Residential** energy usage in 2015 for Burlingame.

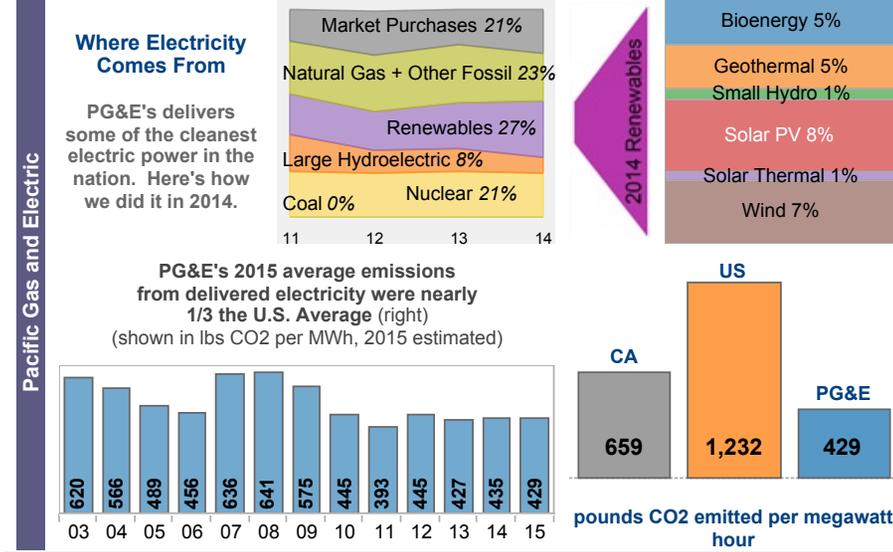
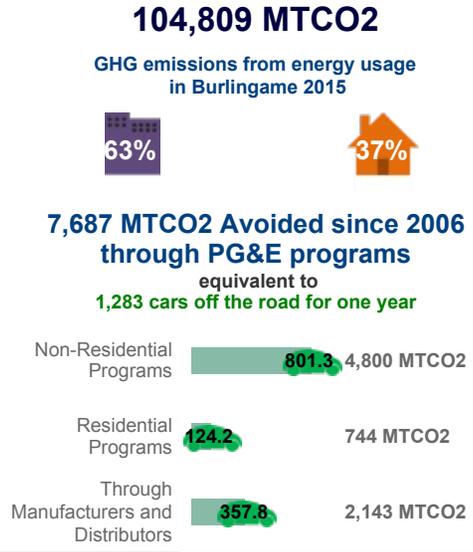
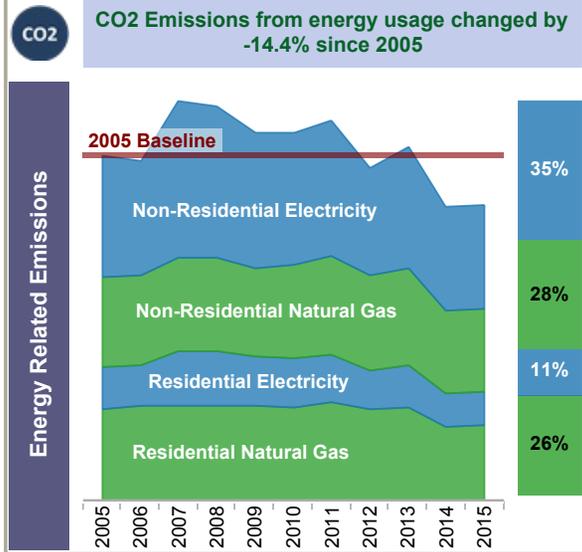
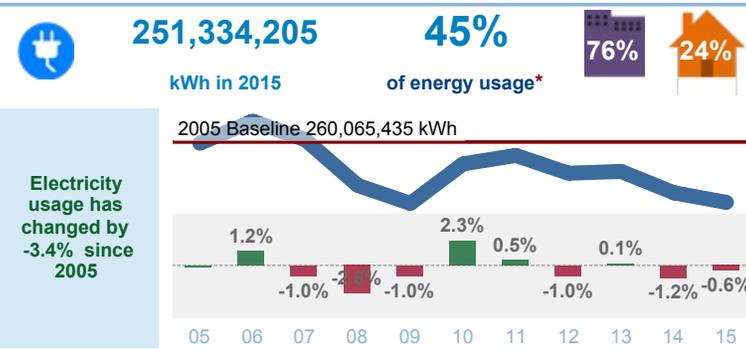
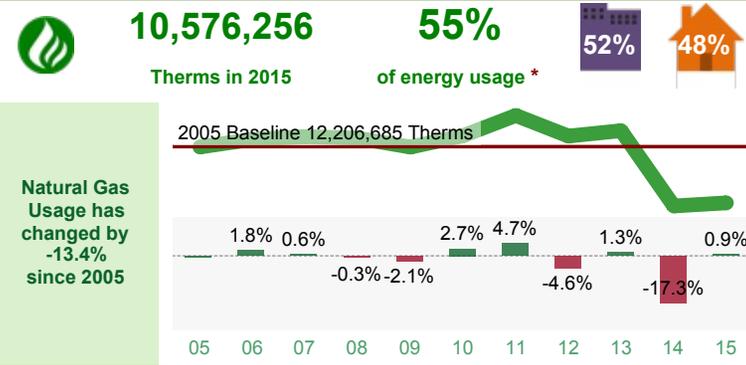
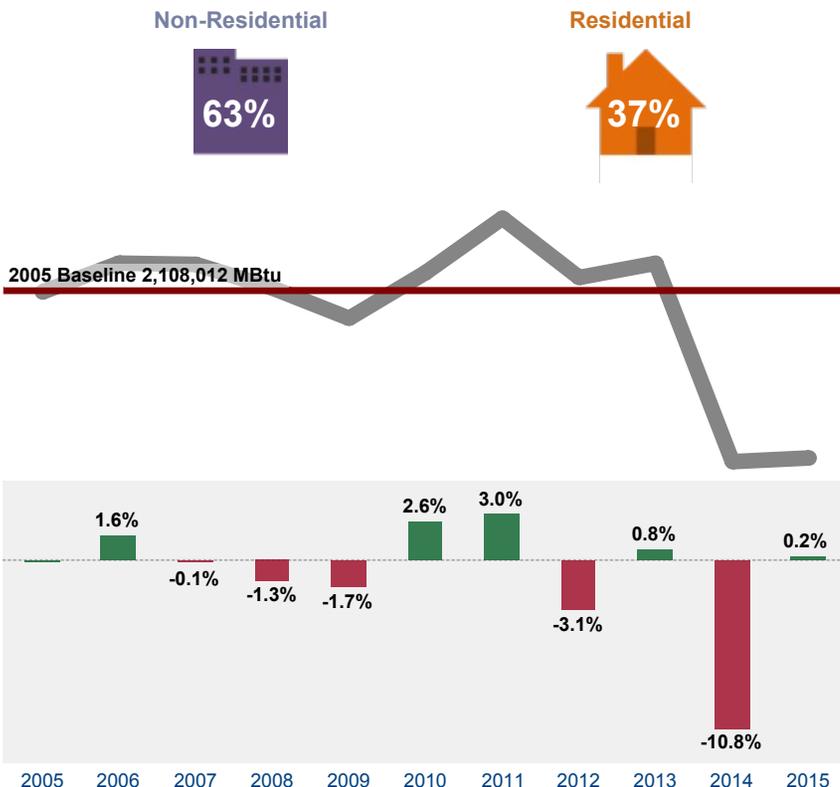
1,915,178

million British thermal units in 2015*

Energy usage has changed by **-9.1%** since 2005

This is the Year over Year change in overall energy usage from the prior year

*Consumption has been converted to British thermal units (Btu) to compare electricity and natural gas usage





Residential Energy

Usage

37%

of community energy usage (Btu) is from residential customers



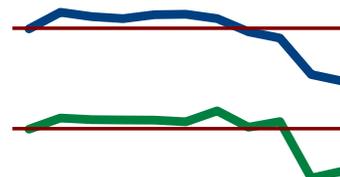
Energy usage has changed by -16.4% since 2005



29%



71%



Residential electricity usage changed by -8.3% since 2005

Residential natural gas usage has changed by -17.0% since 2005

Averages

Averages

Monthly Household Averages in 2015



Multi Family	241 kWh per month	-17.6% since 2005
Single Family	381 kWh per month	-9.0% since 2005



Multi Family		
Single Family	34 therms per month	-17.7% since 2005

Climate Zone Average: 571 kWh

Climate Zone Average: 36 therms

By Season



Annual	\$71	\$63	\$78
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Annual	\$38	\$24	\$57
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Climate Zone 03

Average Monthly Bill (2013 data)

Renewables

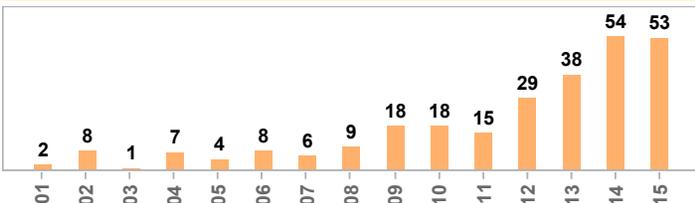
Photovoltaics

269 Sites

1,081 kW

CEC AC Capacity

Residential sites interconnected to the PG&E grid 01 to 15



Energy Efficiency

744.2 MTCO₂

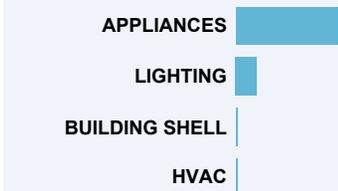
Annual avoided emissions since 2006 through PG&E programs



100,000 Therms Saved



880,000 kWh Saved



Non-Residential Energy Usage

63%

of Burlingame energy usage (Btu) is from non-residential customers



Non-residential energy usage has changed by -5.5% since 2005



54%



Electricity usage has changed by -1.6% since 2005

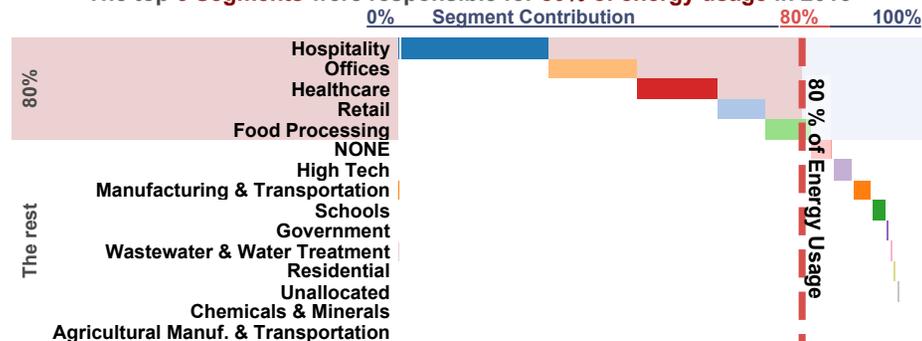


46%



Non-residential natural gas usage has changed by -9.7% since 2005

The top 5 Segments were responsible for 80% of energy usage in 2015



Renewables

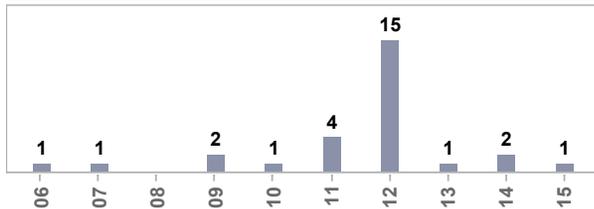
Photovoltaics

28 Sites

904 kW

CEC AC Capacity

Sites Interconnected to the PG&E grid 06 to 15



Energy Efficiency

4,800 MTCO₂

Annual avoided emissions since 2006 through PG&E programs



226,000 Therms Saved



15,811,000 kWh Saved

