PG&E Energy Summary for Albany 2005 to 2011

Contact Government and Community Partnerships at GHGDataRequests@pge.com for more information

Pacific Gas and Electric Company

This document will help you understand drivers of Albany'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 2011 for Albany.

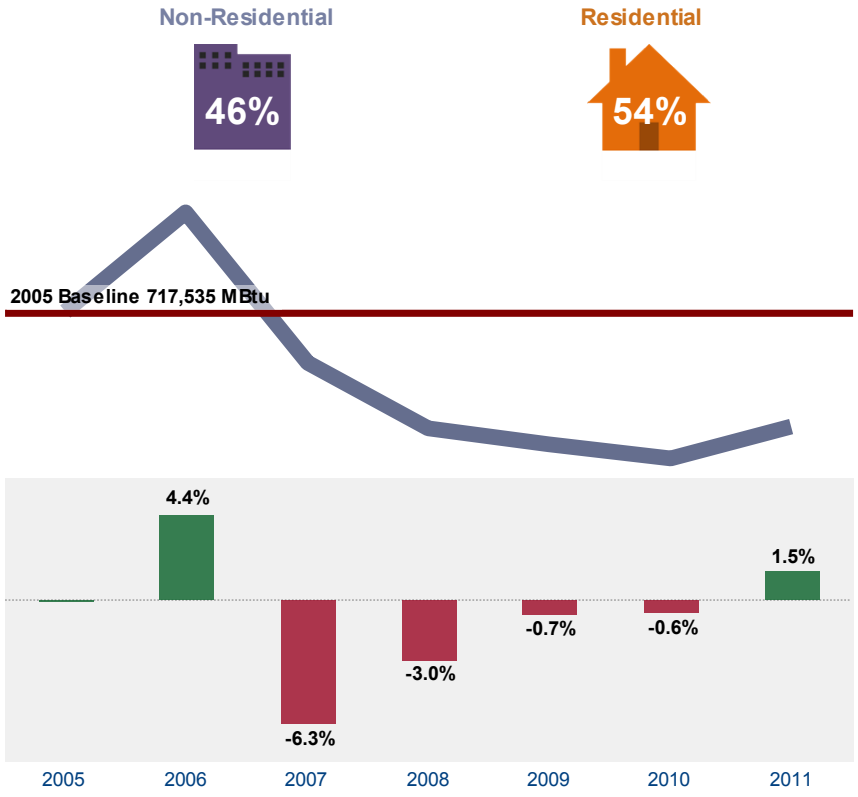
681,274

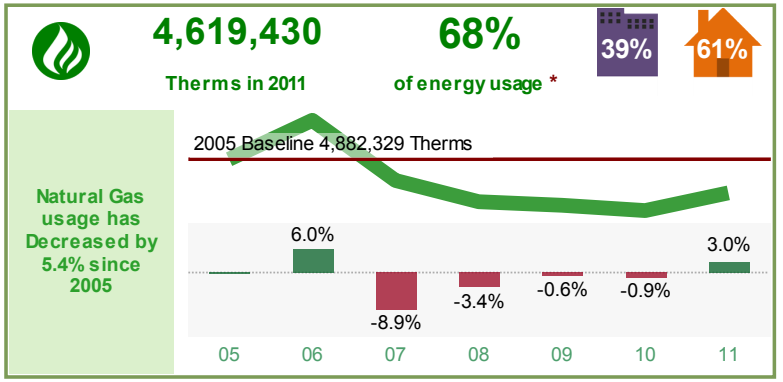
million British thermal units in 2011*

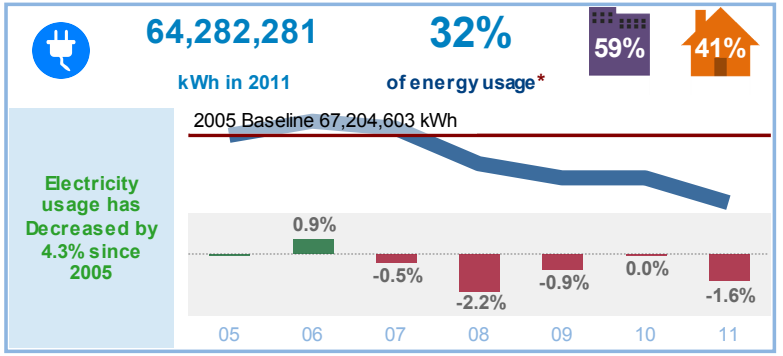
Energy usage has Decreased by 5.1% since 2005

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

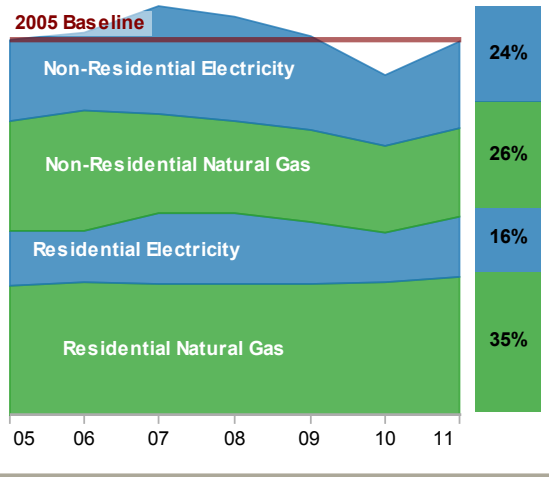






Energy Related Emissions

Energy related GHG Emissions usage have Decreased by 0.6% since 2005



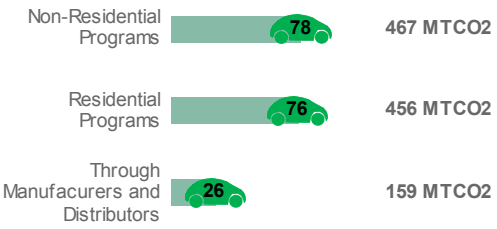
21,467 MTCO2

GHG emissions from energy usage in Albany 2011

1,081 MTCO2 Avoided since 2006 through PG&E programs

equivalent to

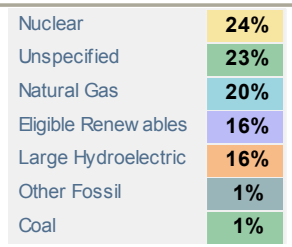
181 cars off the road for one year

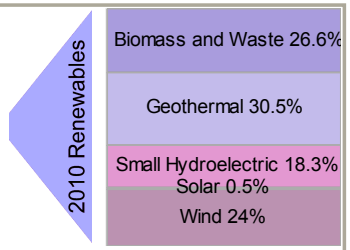


Pacific Gas and Electric

Where Electricity Comes From

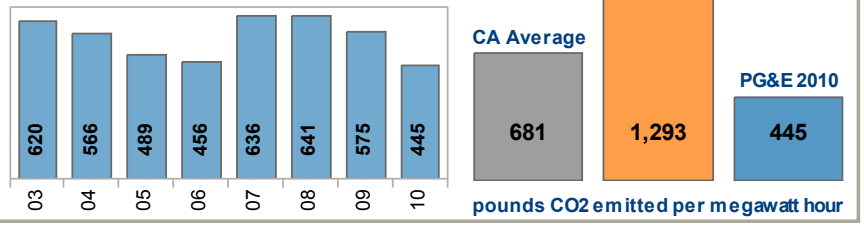
PG&E's delivers some of the cleanest electric power in the nation. Here's how we did it in 2010





PG&E's average emissions from delivered electricity was less than half the U.S. Average in 2010

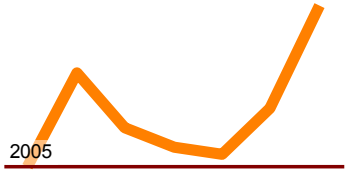
(shown in lbs CO2 per MWh)



Residential Energy

Usage

54% of community energy usage (Btu) is from residential customers



Energy usage has Increased by 4.4% since 2005

25%

Electricity usage has Decreased by 1.2% since 2005

75%

Natural Gas usage has Increased by 6.4% since 2005

Averages

Averages

Monthly Household Averages in 2011

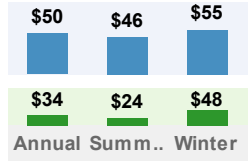
Climate Zone Average: 410 kWh

Climate Zone Average: 36 therms

(Climate Zone 03)

By Season

Average Monthly Bill



Renewables

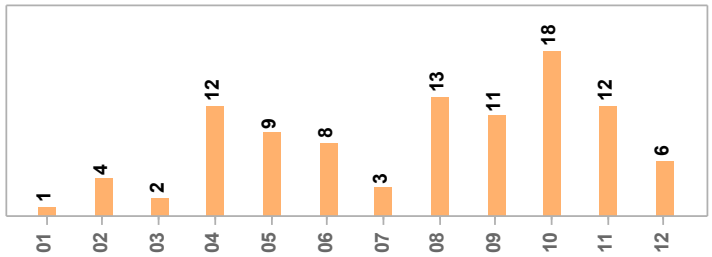
Photovoltaics

99 sites

259 kW

CEC AC Capacity

Residential sites interconnected to the PG&Egrid 1/1/2001 to 1/1/2012



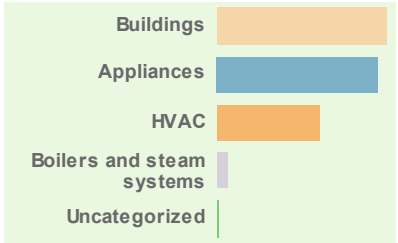
Energy Efficiency

456 MTCO2

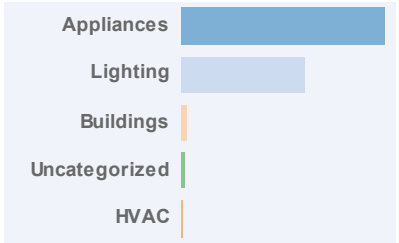
Annual avoided emissions since 2006 through PG&..

CO2

38,000 Therms Saved



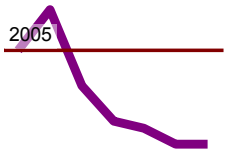
947,000 kWh Saved



Non-Residential Energy Usage

Renewables

46% of Albany energy usage (Btu) is from non-residential customers

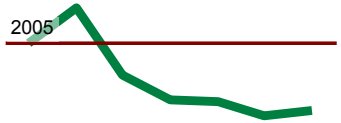


Energy usage has Decreased by 14.3% since 2005

40%

Electricity usage has Decreased by 6.4% since 2005

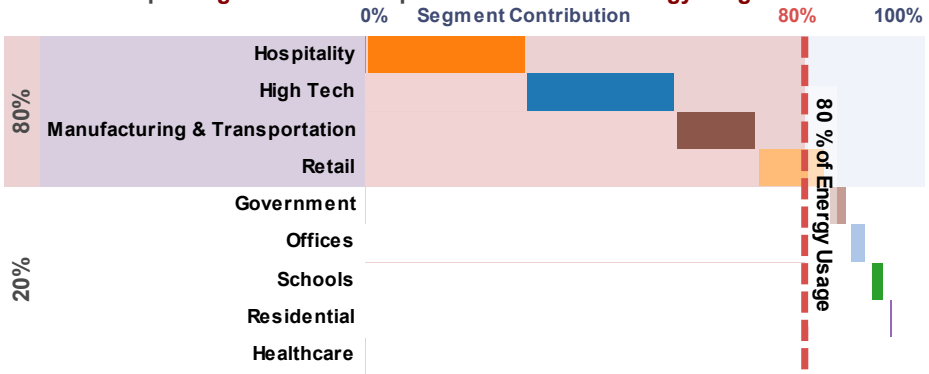
60%



Natural Gas usage has Decreased by 19.2% since 2005

Energy Efficiency

The top 4 Segments were responsible for 80% of energy usage in 2011



Renewables

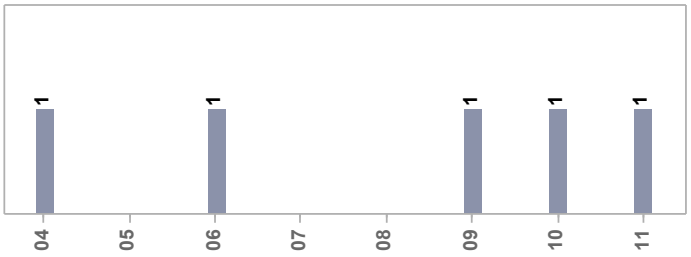
Phootvoltaics

5 sites

84 kW

CEC AC Capacity

Sites Interconnected to the PG&Egrid 1/1/2004 to 1/1/2011



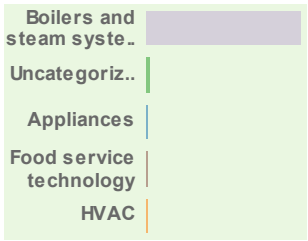
Energy Efficiency

467 MTCO2

Annual avoided emissions since 2006through PG&Eprograms

CO2

26,000 Therms Saved



1,235,000 kWh Saved