

# Regional Utility Data Analysis

2005, 2009-2011

ACPAC

April 15, 2013

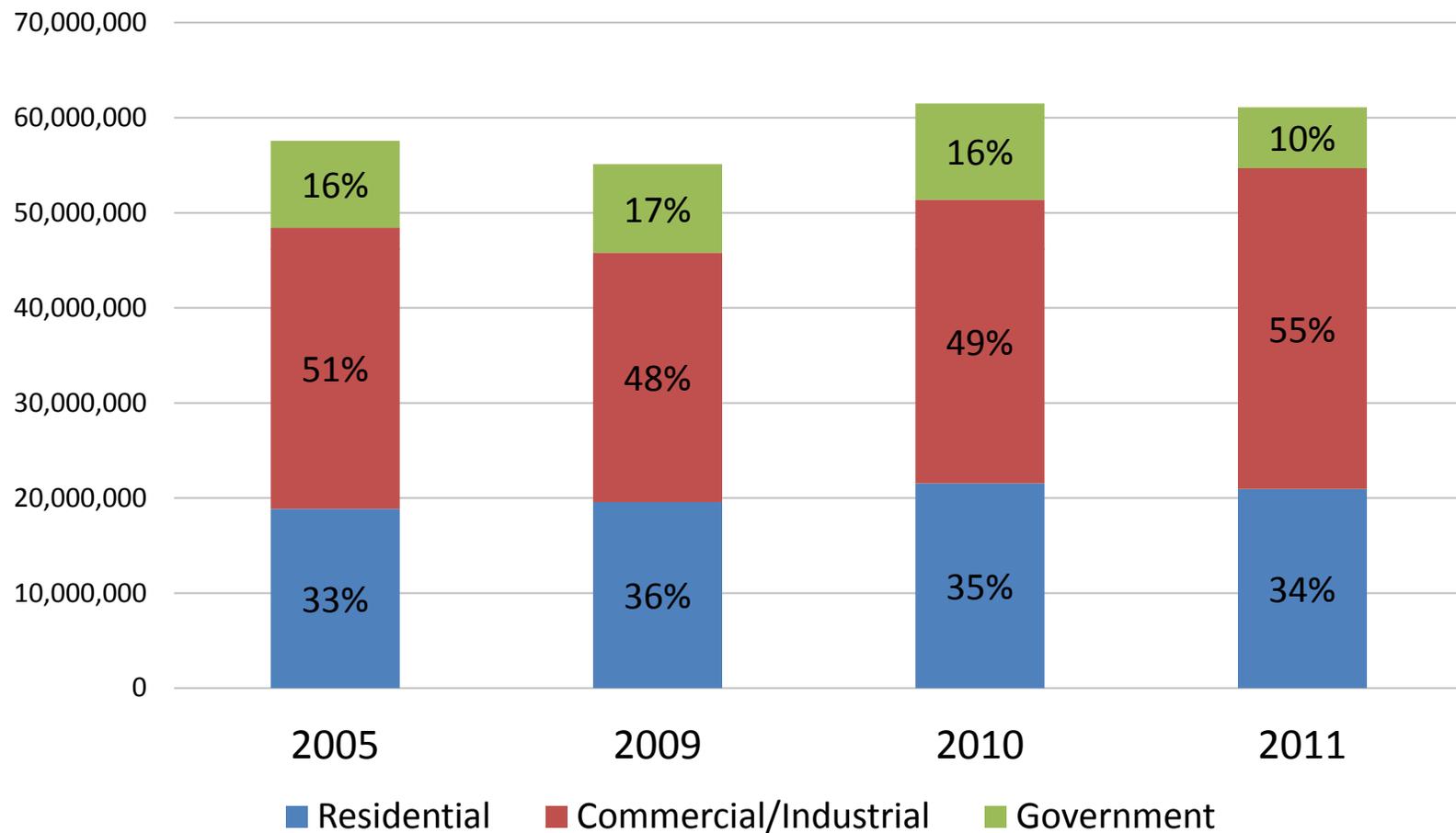


# Data Sources

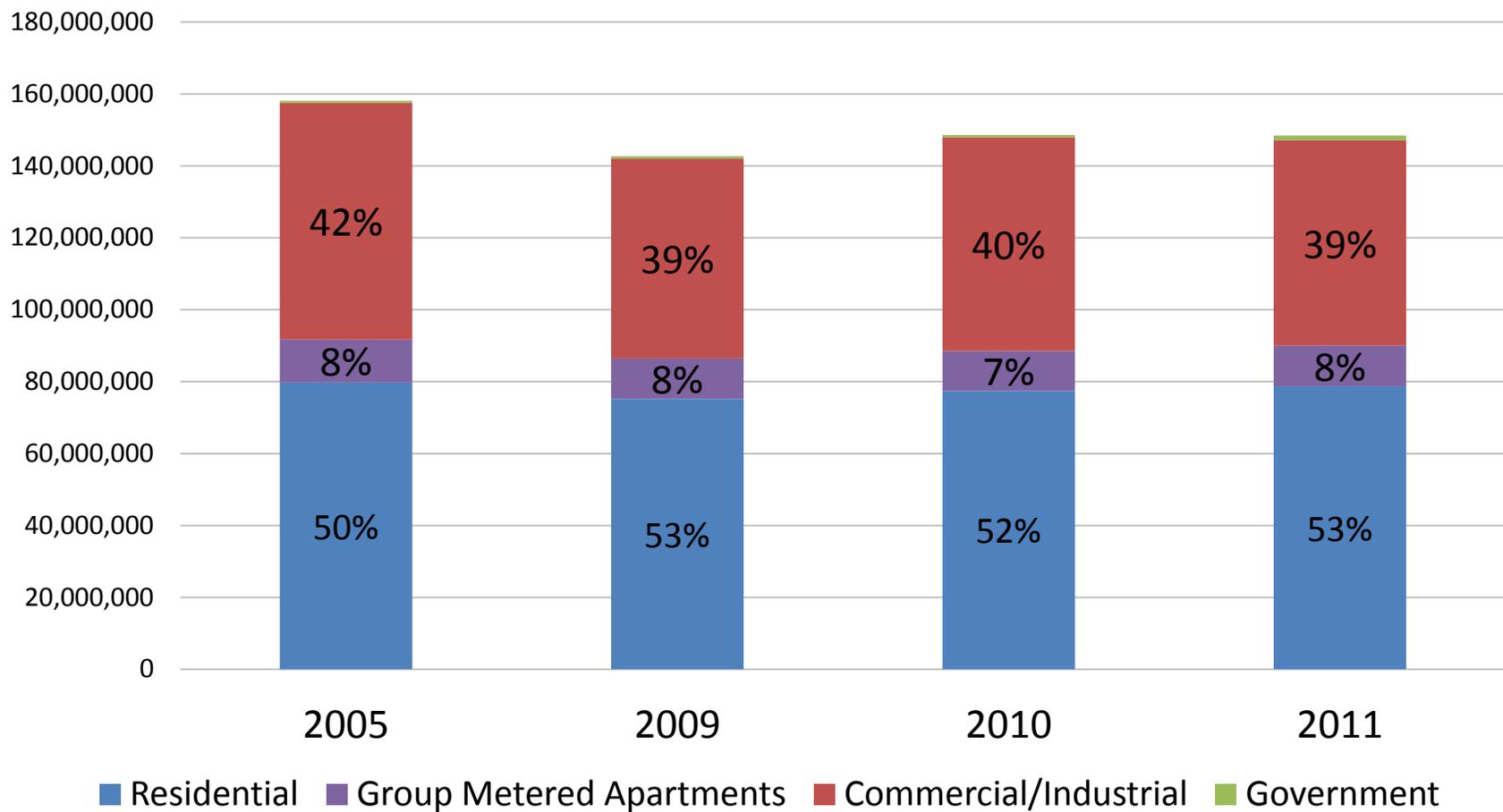
Utility	Jurisdictions	Data Provided
BGE	Montgomery & Prince George's Counties	Electricity Use (Residential, Commercial/Industrial); Natural Gas Use (Residential, Commercial/Industrial)
Pepco	District of Columbia, Montgomery and Prince George's Counties	Electricity Use (Residential, Commercial, Residential Government, Commercial Government)
Dominion	COG Virginia territory except Cities of Manassas and Manassas Park	Electricity Use (Residential, Commercial/Industrial/Government)
NOVEC	Manassas, Manassas Park, and Fairfax, Loudoun, and Prince William Counties	Electricity Use (Residential, Commercial/Industrial, Government)
Manassas	City of Manassas	Electricity Use (Residential, Commercial, Industrial, Government)
Washington Gas	All COG Jurisdictions	Natural Gas Use (Residential, Commercial, Industrial, Group Metered Apartments)
Columbia Gas	City of Manassas, City of Manassas Park, and Fairfax, Loudoun, and Prince William Counties	Natural Gas Use (Residential, Commercial, Industrial, Government)
Potomac Edison	Montgomery & Frederick Counties	Electricity Use (Residential, Commercial, Industrial, Government)



# Electricity Use in Washington Region 2005, 2009-2011 (MWh)

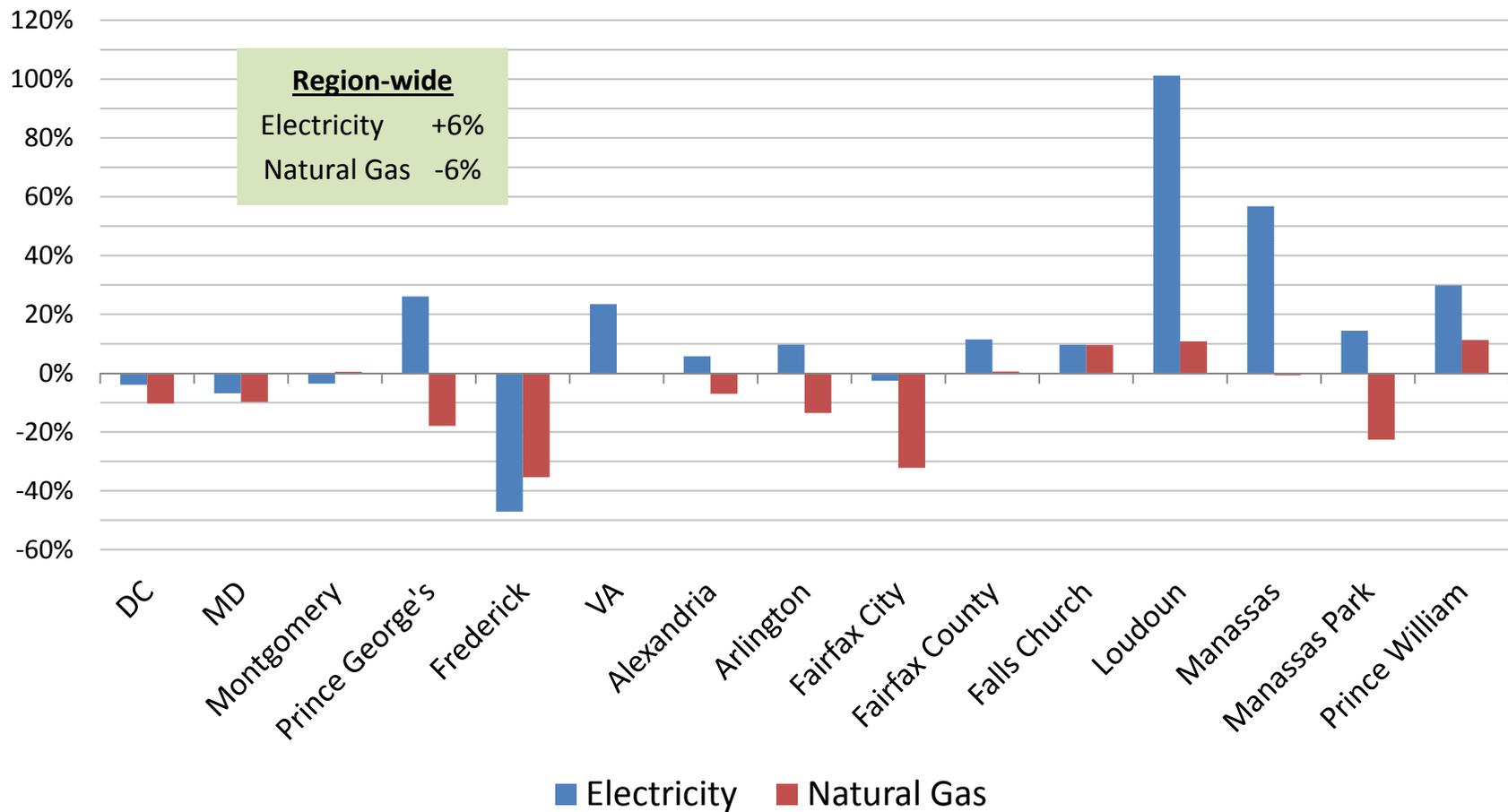


# Natural Gas Use in Washington Region 2005, 2009-2011 (Therm)



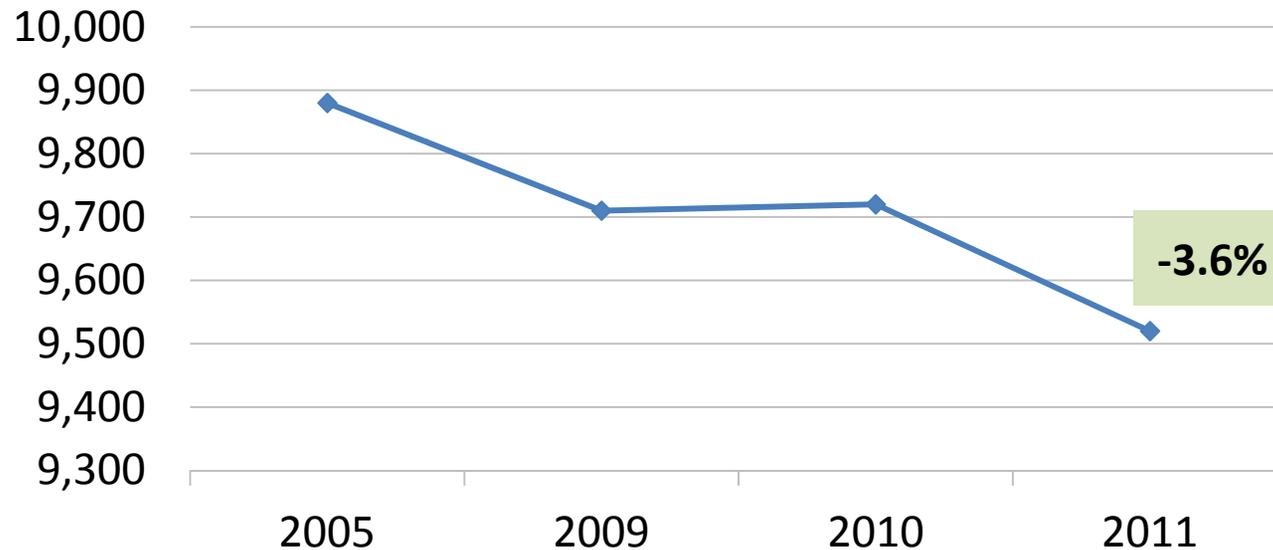
# Change in Consumption by Jurisdiction

## 2005 to 2011



# Residential Energy Intensity

Residential Electric and Natural Gas Use per Capita  
(kWhe)



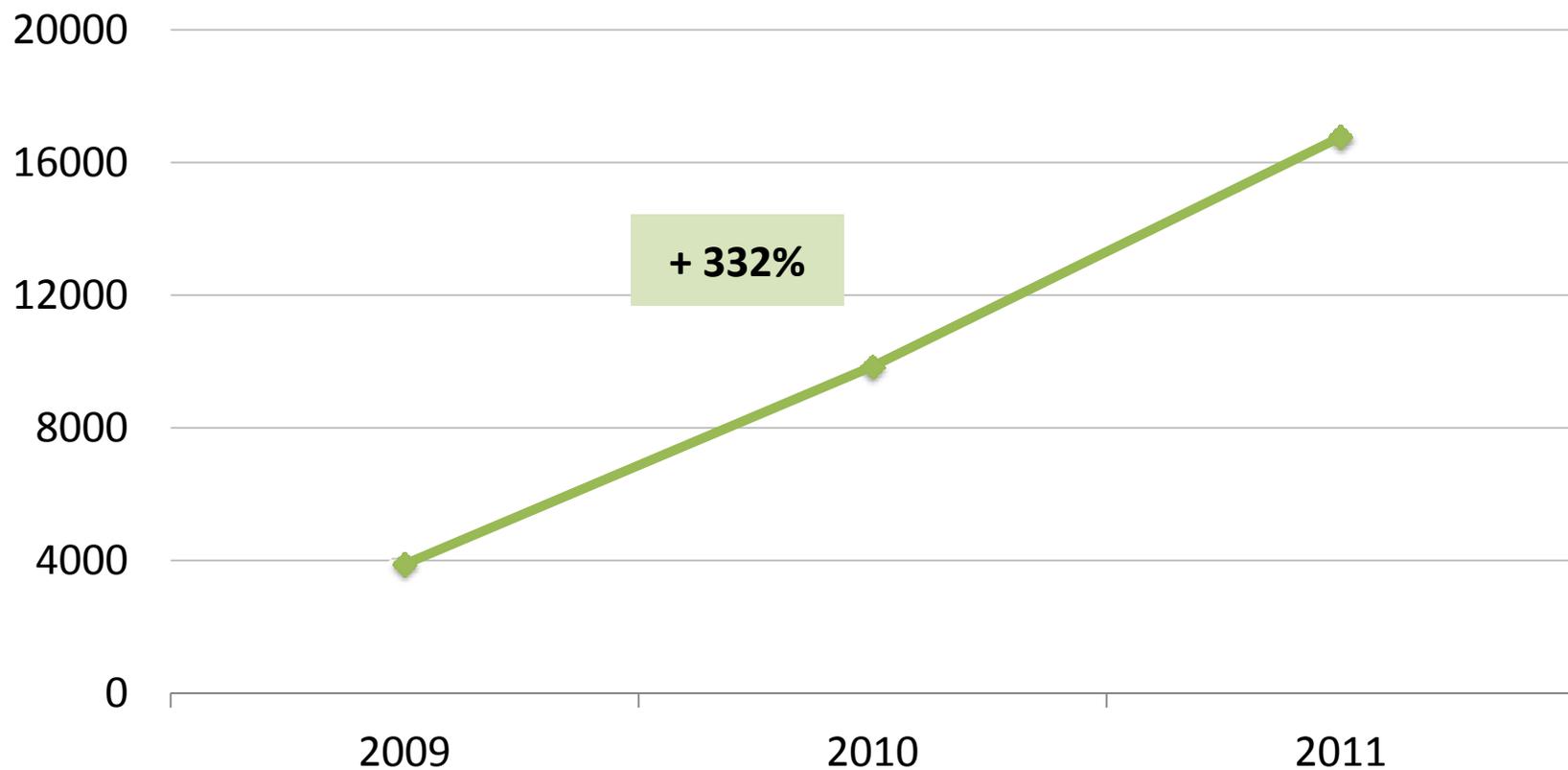
Residential Electric and Natural Gas Use per Capita represents residential electric use plus residential and group metered apartment natural gas use combined using a kWh equivalent factor for natural gas of 29.3.

2005 and 2009 populations from COG Planning Department [2005-2009 Economic Trends Report](#); 2010 population from COG tabulation of 2010 Census data



# Grid Connected Renewables

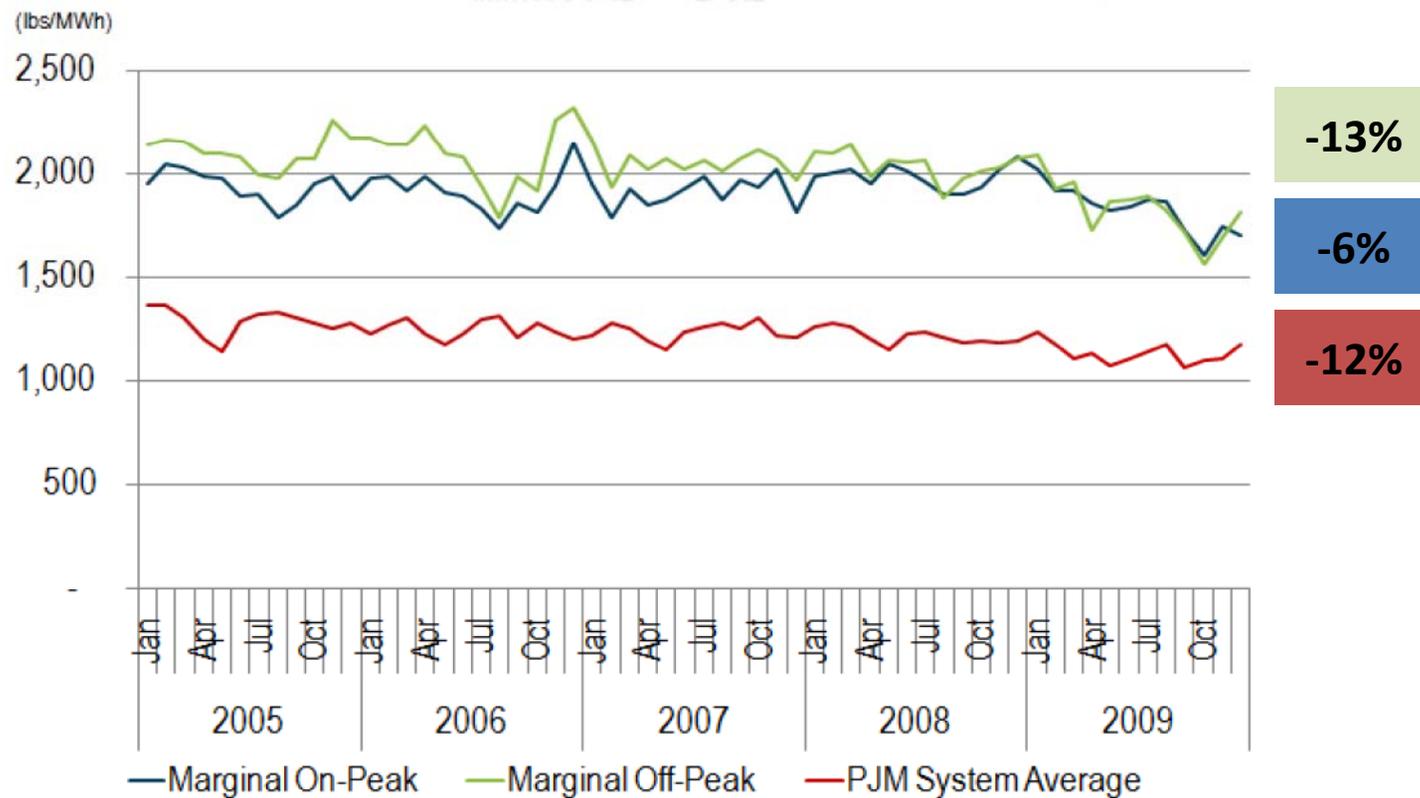
Installed Capacity (kW)



# CO<sub>2</sub> Emission Rates



CO<sub>2</sub> Emissions Rates of Marginal Units  
Average CO<sub>2</sub> Emissions Rates



# Questions/Comments?

[www.ncrportal.mwcog.org/sites/surveys/climate/default.aspx](http://www.ncrportal.mwcog.org/sites/surveys/climate/default.aspx)

Jeff King

202/962.3238

jking@mwcog.org

Julia Allman

202/962.3245

jallman@mwcog.org

