

**National Symposium  
on Market Transformation  
Regional Round-Up Panel:  
California**

**Vincent Davis, Sr. Director, PG&E**



**March 21, 2016**



# PG&E At A Glance

PACIFIC GAS AND ELECTRIC COMPANY	
<b>Year Founded</b>	1905
<b>Direct Legislative/Regulatory Oversight Bodies</b>	California Public Utilities Commission (CPUC) / Western Electric Coordinating Council (WECC) / FERC
<b>2014 Revenues (Unaudited)</b>	\$17.090 Billion
<b>Annual Energy Efficiency Budget</b>	\$628 Million (\$164M of which is for low income)
<b>Customers Served</b>	15 Million
<b>Fuels</b>	
Gas	Yes
Electricity	Yes
<b>Major Energy Efficiency Program Related Responsibilities</b>	
Informing Policy (various jurisdictions)	Yes
Emerging Technology Development	Yes
Program Design	Yes
Program Implementation	Yes
Program Measurement and Evaluation	No
Other Reporting and Program Support	<p>Various other program exist including Distributed Generation in various forms as well as the company looking into both EV and storage as future opportunities (but currently very limited programs exist for these.)</p> <p>PG&amp;E also operates an ESCO (energy savings company) that is unregulated and works with various large companies to offer dynamic energy savings solutions.</p>
<b>Demand Response Programs</b>	Yes
<b>DR integrated with EE</b>	Yes



# California's EE Policy and Legislative Mandates

- Legislated goal to double EE (SB350)
- Focus on opportunity in existing buildings (AB758 and AB802)
- Incorporation of newest technologies (AB793)
- Rolling Portfolio: 10 years of funding approved (D. 14-10-046)

“We lead the nation in energy efficiency, cleaner cars and energy storage ... But now, it is time to establish our next set of objectives for 2030 and beyond...”

- Increase from 1/3 to 50% our electricity derived from renewables
- Reduce today's petroleum use in cars and trucks by up to 50%
- Double efficiency of existing buildings & make heating fuels cleaner



– Governor Jerry Brown,  
January 2015



**STEP UP AND  
POWER DOWN**

# Simple Changes BIG Savings

**A New Way of Engaging  
Customers**

GOAL  
**400**  
Businesses  
ENROLLED



**368**  
Businesses  
ENROLLED

**SAN JOSÉ PROGRESS**

GOAL  
**600**  
Businesses  
ENROLLED

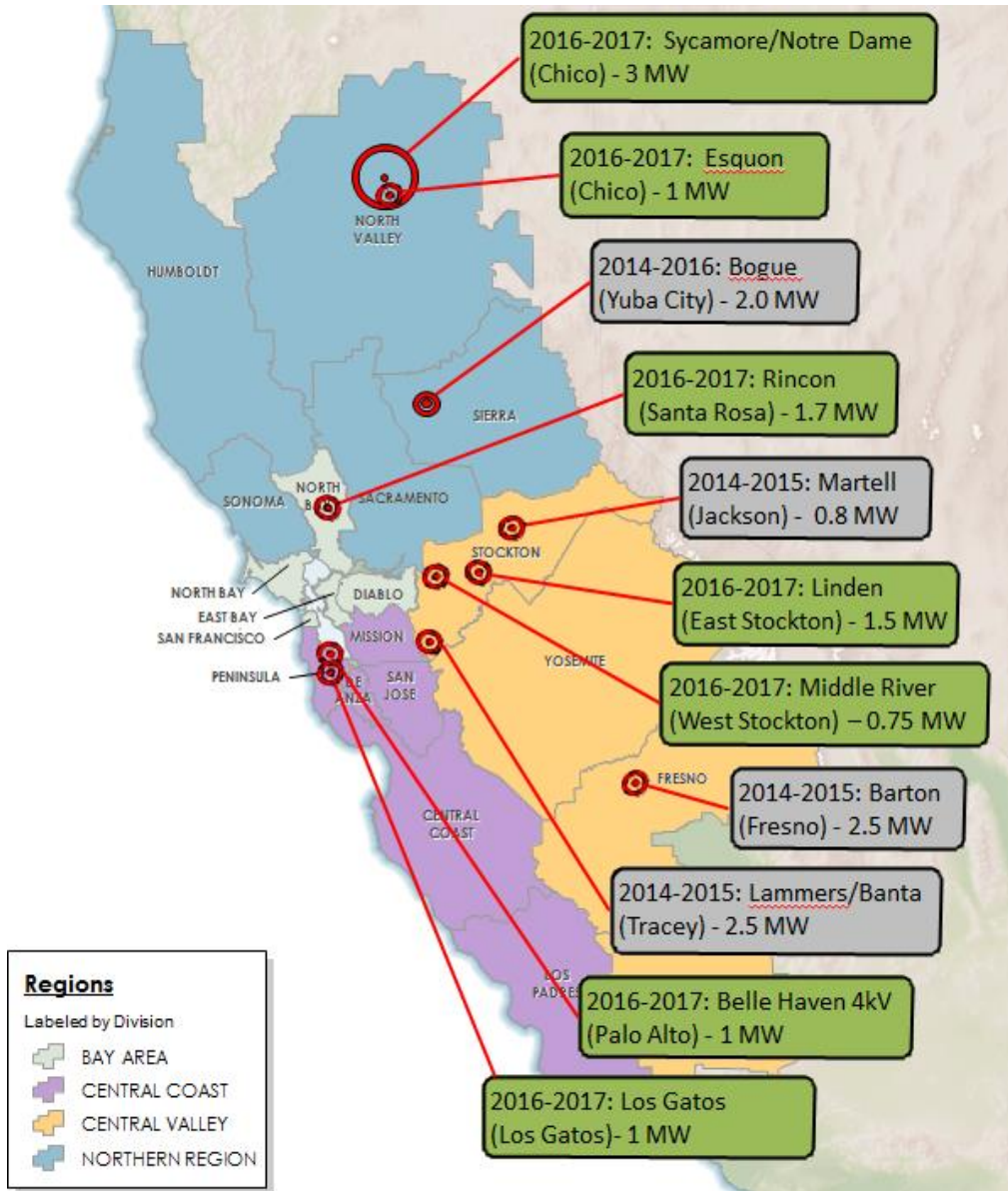


**642**  
Businesses  
ENROLLED

**SAN FRANCISCO PROGRESS**

Gray box areas are 2014-2015 projects

Green box areas are 2016-2017 projects



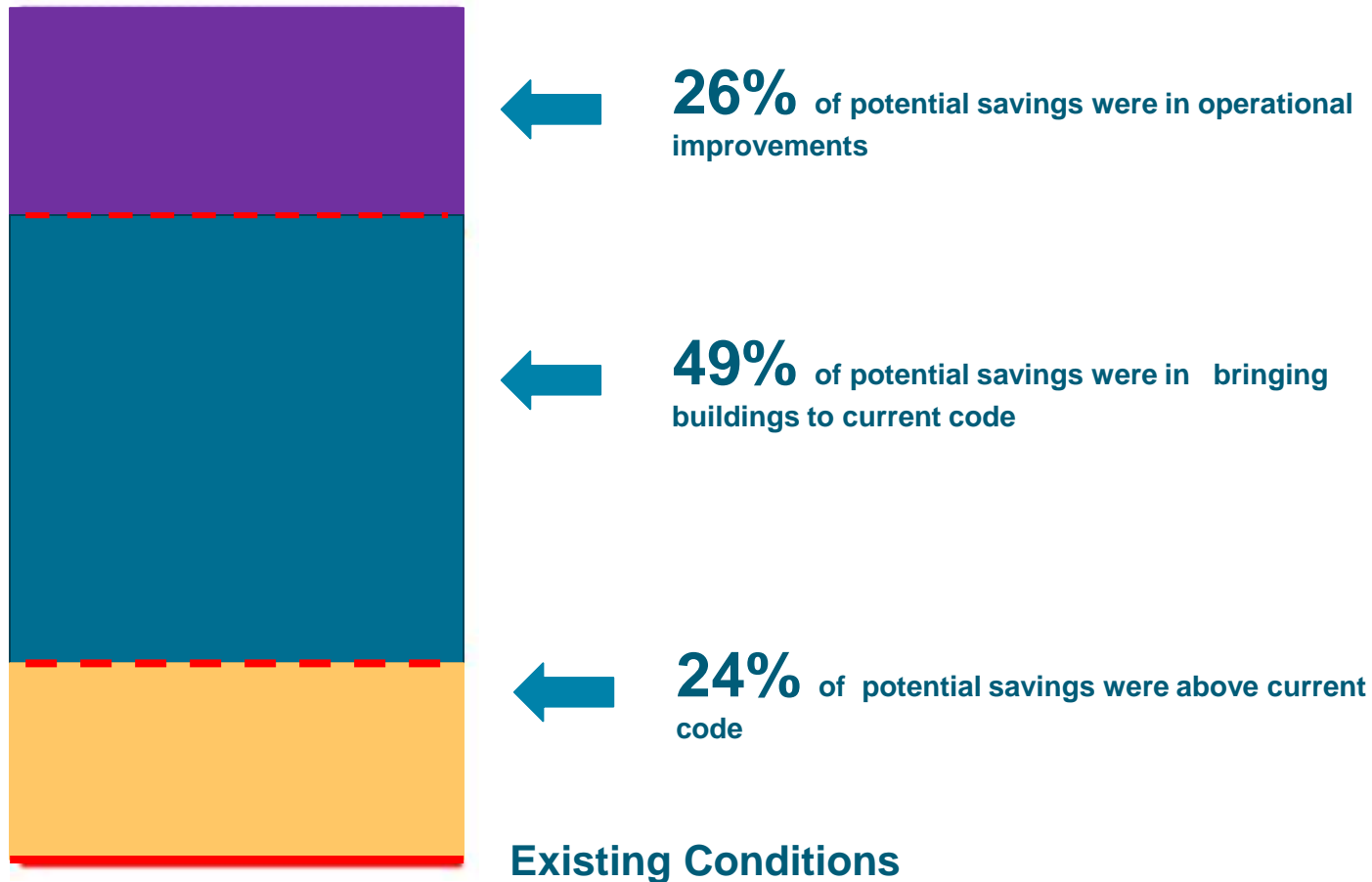
# Appendix





# Using Data to Identify Energy Efficiency Opportunities

Gigawatt Hours Savings Potential







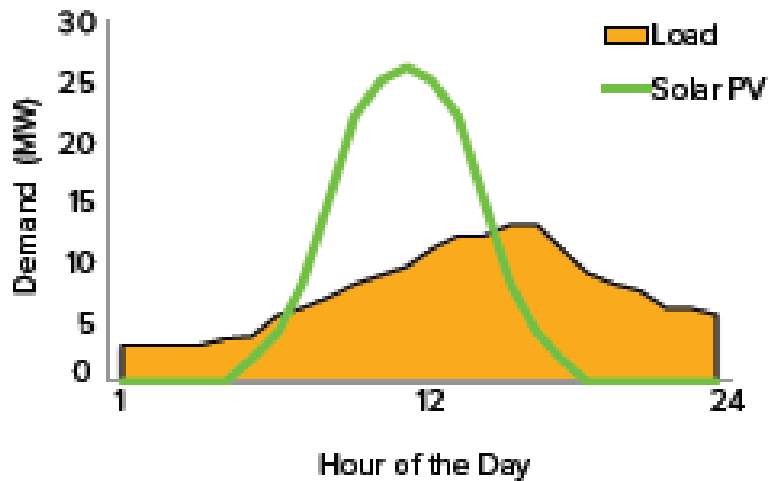
- 70,000 square-mile service area
- Provides energy services to 15 million Northern Californians
  - 5.1 million electric customer accounts
  - 4.3 million natural gas customer accounts
- 22,000 employees
- \$15.6 billion in revenues
- > 50% of PG&E's electric supply comes from non-GHG gas emitting sources



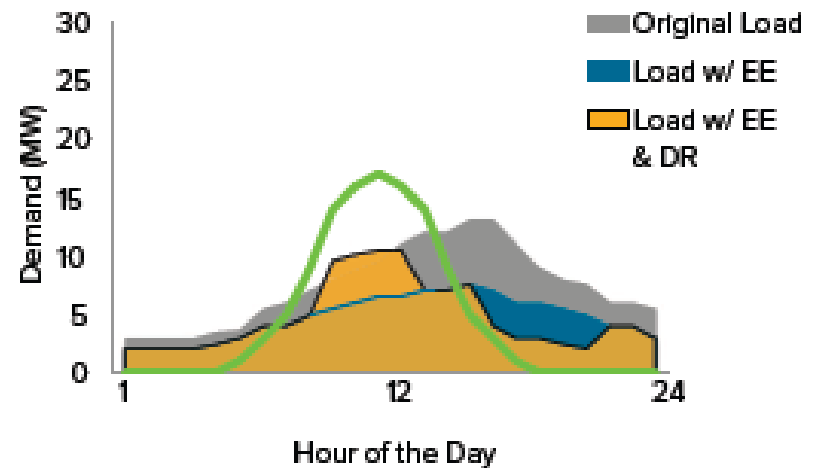




Solar PV

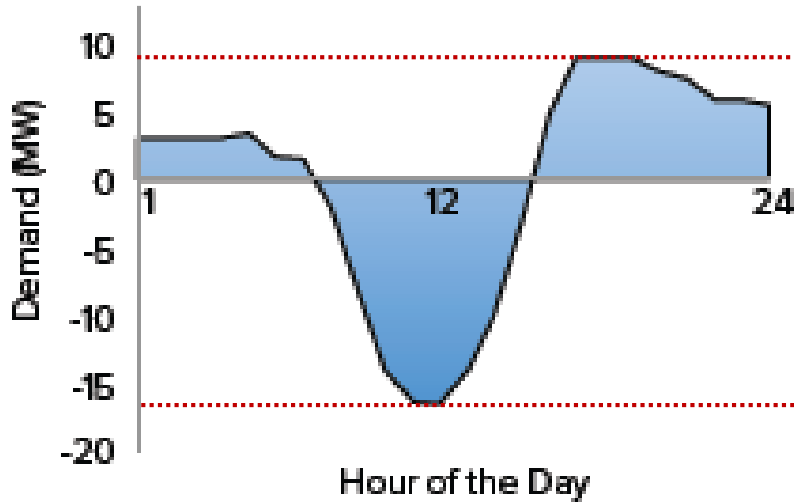


Energy Efficiency, Demand Response, then Solar PV





Solar PV



Energy Efficiency, Demand Response, then Solar PV

