

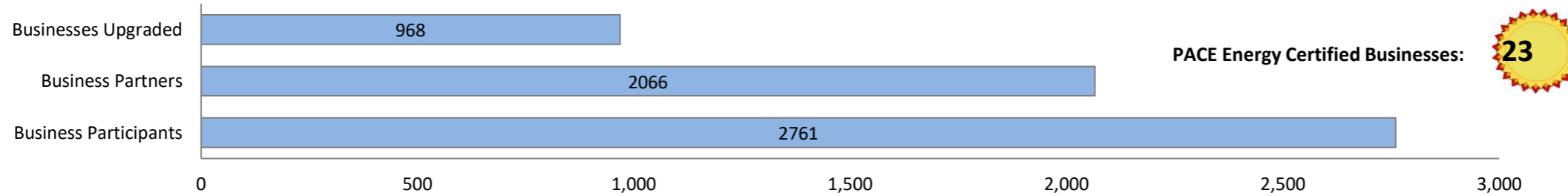


COMMERCIAL EnergySmart Progress Report: Cumulative through Q4 2017: CITY OF BOULDER

This page summarizes progress to date since October 2011 in the commercial EnergySmart services. EnergySmart was conceived and developed through a joint effort of Boulder County Commissioners' Office of Sustainability, Boulder County Public Health, City of Boulder and City of Longmont. For more information, visit www.EnergySmartYES.com.

BUSINESS PARTICIPATION ACHIEVEMENTS

PARTICIPATION IN ENERGYSMART BY BUSINESSES OR PROPERTY OWNERS¹



IMPACT

WORK COMPLETED		FUNDING BREAKDOWN		DEEMED ANNUAL SAVINGS FROM UPGRADES			
Number of Upgrades	Total Rebates Paid	Federal	City	kWh	Therms	Cost Savings	mtCO ₂
968	\$3,072,215	\$632,709	\$1,990,147	16,497,312	14,356	\$1,462,265	13,227
Total Project Investment	Private Investment	County					
\$19,530,770	\$16,458,555	\$449,820		Energy and emissions savings to date from commercial EnergySmart are equivalent to taking 2790 cars off the road!			
Private Investment:Rebates ²	Program Simple Payback (yrs) ³						
5.4 to 1	2.1						

HIGHLIGHTS

<ul style="list-style-type: none"> Nearly 25% of all City of Boulder businesses have completed an upgrade through PACE-EnergySmart. 2016 and 2017 have seen seven times as much PV installed through PACE as in all other years combined. Of the solar PV projects permitted in the City of Boulder in 2016, 82% came through Solar Benefits or PACE. As solar and full LED lighting upgrades become a larger proportion of our projects, rebate dollars leverage more in total investment - nearly double the ratio five years ago 	USES OF BUILDINGS ENROLLED IN ENERGYSMART	ADVISING TO ACTION
		Businesses that make upgrades after receiving EnergySmart advising services ⁴ : 37%

(1) Definitions:

Businesses Upgraded: Businesses that have implemented an Upgrade or Practices Project in Energy, Zero Waste, or Water Efficiency.

Business Partners: Businesses that have received 4 or more Advising Services on a project, or 1 Advising Service on a completed project.

Advising Services Include: Opportunity Analysis; Audit Report Review; Behavior Change Recommendations; Technical Assistance; Referral to Partner Programs; Costs and Benefits Assessment; Barrier Assessment; Financial Incentive Support; Contractor/Bid Support; Loan Financing Options; Compliance Assistance; Support Projects Through Implementation; Multiple Project Advising; Utility Bill Analysis; ENERGY STAR Portfolio Manager; and Certification.

Business Participants: Businesses that have received at least an on-site Assessment; includes those that meet the Partner and Upgraded definitions. These are unique businesses out of an estimated 6,500 commercially-housed businesses in Boulder County.

(2) For every \$1 spent in rebates, more than \$4 were invested by businesses and utilities towards these efficiency projects.

(3) The total Rebate amount invested in the program to date will be equalled by the resulting Energy Cost Savings in 2 years.

(4) Percent of all businesses completing Advising¹ that have so far gone on to complete at least one of those projects. Updated annually.

Last updated December 31, 2017

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