

2015

ENERGY POLICY UPDATE

Our Goals

This report provides an update of 2015 activities and results related to the City of Fort Collins Energy Policy (2009 version).

Fort Collins adopted an updated Energy Policy in December 2015. The new policy reflects Fort Collins' energy values of reliability, safety, affordability, greenhouse gas emissions reduction, pollution prevention and energy independence and includes goals related to the quantity and sources of energy for electricity, thermal end-uses and transportation.

Find out more at
fcgov.com/utilities/what-we-do

Did you know?

In March 2015, the City adopted new ambitious carbon reduction goals of 20% by 2020,

80% by 2030
and 100% by 2050!

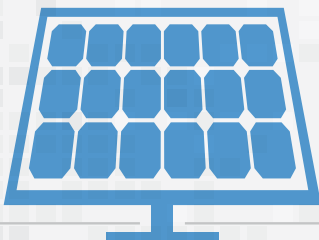


EFFICIENCY PROGRAMS GENERATED OVER \$25 MILLION in local economic benefits through reduced utility bills, direct rebates and leveraged investment.
REDUCING ENERGY BILLS IS A WIN WIN!

SOLAR PV

Photovoltaic (PV) capacity additions totaled **4,901 kilowatts**, including our first shared community solar project which is now a gateway feature for the city.

So What You're Saying Is?
Solar is growing rapidly and in new ways!



We can lead in **ENERGY EFFICIENCY** and **RENEWABLES** with **LOW RATES** and **HIGH RELIABILITY**.

Customers continued to receive **HIGHLY RELIABLE ELECTRIC SERVICE**, as measured by an average outage time of

20 MIN.

The Point?

We have very reliable electric service with a 2015 uptime of

99.9961%

with outage times about **50% better** than regional averages.

Customer electricity **savings** in 2015 from efficiency programs totaled

OVER 22,600 MEGAWATT-HOURS (MWh)

or 1.8% of the community's annual usage. This is equivalent to the annual electric use of over 2,900 typical Fort Collins homes.



What Does this Mean?

Customers are taking advantage of efficiency programs at a record pace.



Efficiency programs saved electricity with a lifecycle cost-of-conserved energy of 3.5 cents per kilowatt-hour (kWh), compared to an average wholesale electricity cost of 5.5 cents per kWh.

IT'S CHEAPER TO SAVE ELECTRICITY WITH EFFICIENCY than it is to buy it **WHOLESALE.**

LOW RATES

As of July 2015, typical residential customer bills were in the **lowest 10% of 58 Colorado utilities** reporting to the Colorado Association of Municipal Utilities (CAMU).

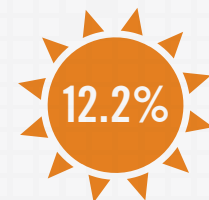


RENEWABLE ENERGY

comprised **12.2%** of total electricity in 2015.

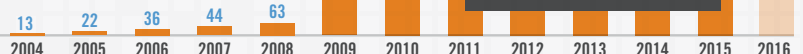


This is almost double what it was in 2014 thanks to more wind and solar energy



PV-COMMUNITY CAPACITY

500% more PV installed in 2015 than 2014!

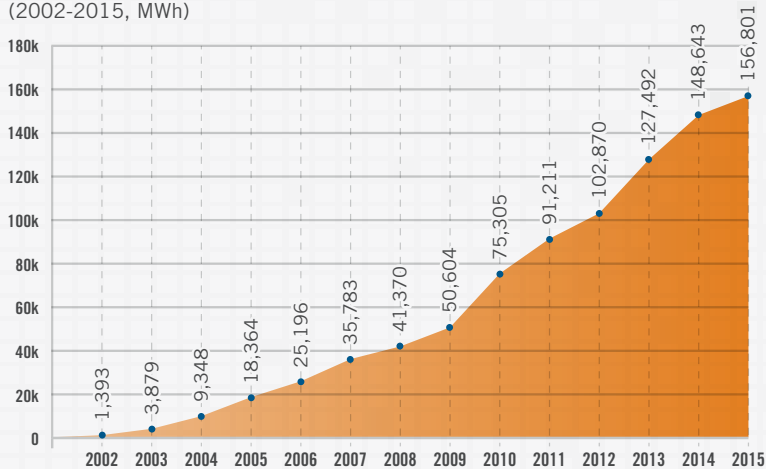


We jumped 4,901 kilowatts!

TRACKING PROGRESS

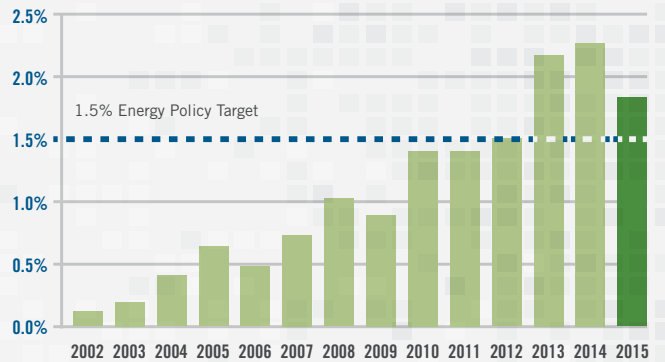
CUMULATIVE ELECTRIC SAVINGS

(2002-2015, MWh)



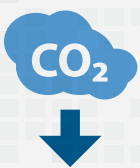
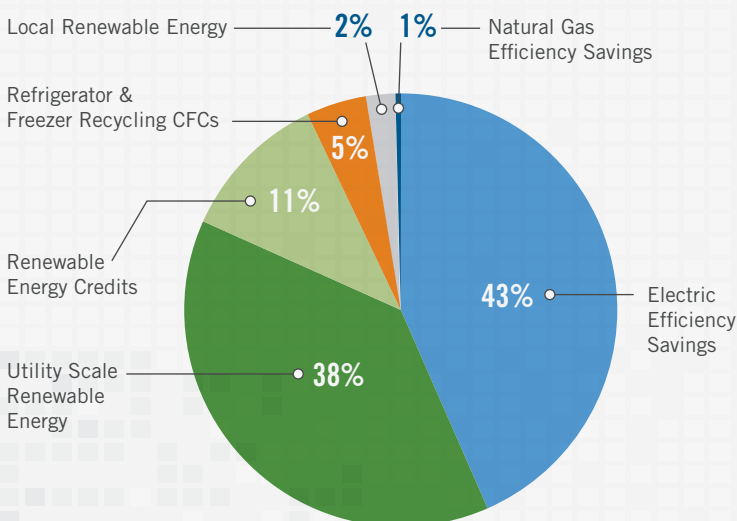
ANNUAL EFFICIENCY SAVINGS

(% of community electricity use)



GREEN HOUSE GAS EMISSIONS REDUCTIONS

(metric tons)



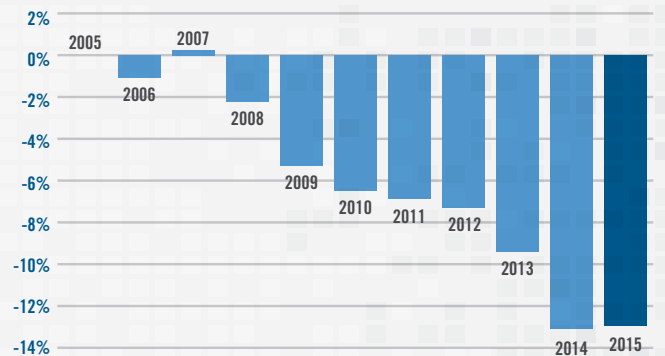
273k
METRIC TONS

Avoided annual carbon emissions of over 273,000 metric tons from Energy Policy related programs.

That's a lot of carbon.

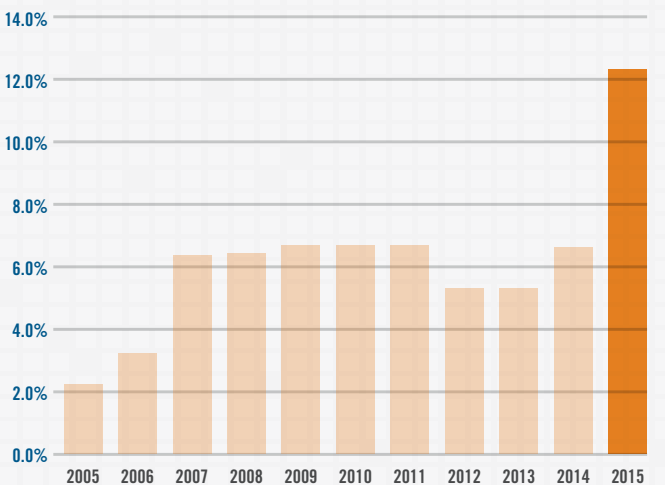
PER CAPITA ELECTRICITY USE

(% reduction from 2005)



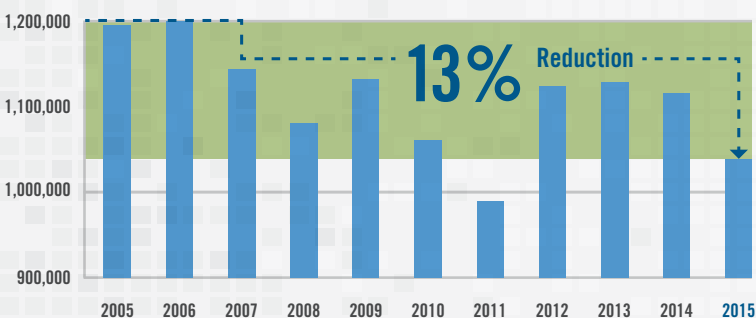
COMMUNITY RENEWABLE ENERGY

(% of total electricity)



ELECTRICITY CARBON EMISSIONS INVENTORY

(2005 - 2015)



KW - Kilowatt MW - Megawatt KWh - Kilowatt hours MWh - Megawatt hours

LEARN MORE

To read the 2015 Update, visit:

fcgov.com/2015-Energy-Policy-Update

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