# SESEM Summer Energy Academy Fayetteville Strategic Energy Plan

Sarah Marsh – Fayetteville City Council Member (Ward 1)

**SESEM Summer Energy Academy** 

June 5, 2014

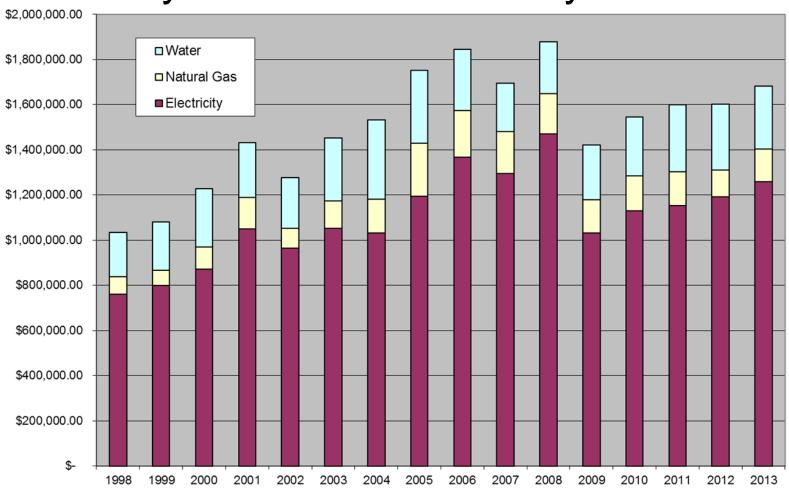


# Fayetteville Strategic Energy Plan - 2013 SESEM

- City Government as a model for Fayetteville Citizens In Progress
- Home Energy Affordability Loan (HEAL) In Process
- Property Assessed Clean Energy (PACE) In Process
- Solar on City Buildings Some Complete others In Planning
- Smarter Transportation Development In Process
- Green Building Incentives In Process
- Energy Performance Disclosure for Renters & Buyers Not Started



## Fayetteville Annual Utility Costs

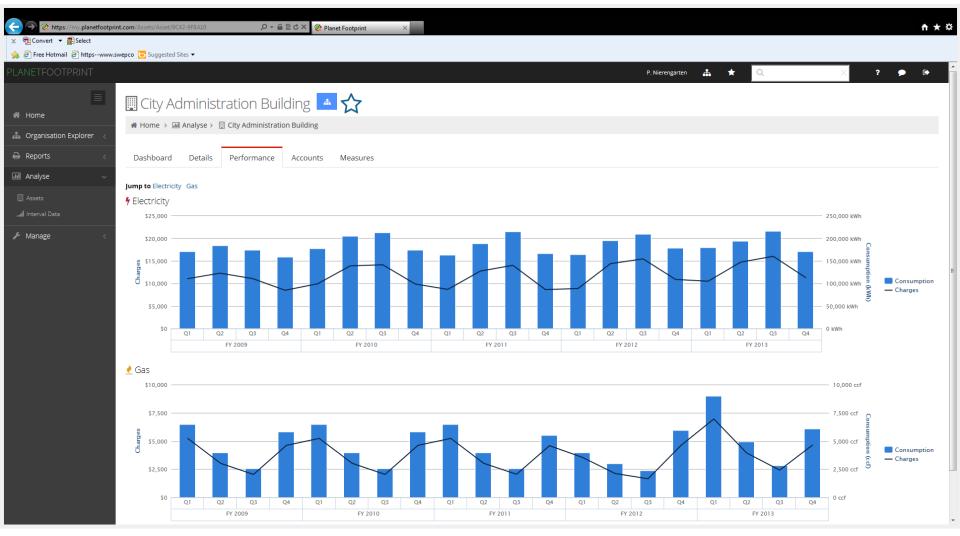


- 2009 \$300,000 for weatherization, controls and lighting
- 2010/12 \$250,000 for solar, weatherization, controls and lighting
- 2013 \$15,000 for HVAC, lighting and timers

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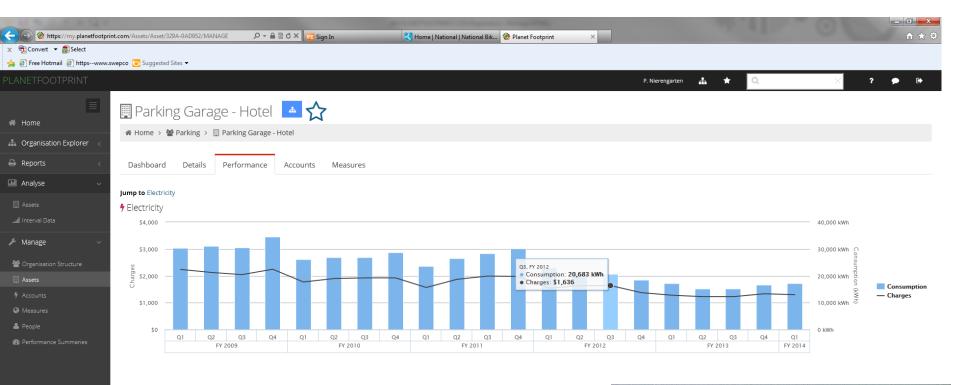
A K K A N S A S

## **Utility Bill Management Software**





## Parking Garage Savings – Lighting Improvements



### • \$2800/yr in electricity savings

2014 ©Planet Footprint 1.3.3268











#### COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM

The 13 watt Compact Fluorescent Light bulbs last 12,000 hours and save money on energy bills. These bulbs produce as much light as 60 watt incandescent bulbs, but are nearly 4 times more energy efficient.

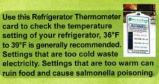
Seal out drafts, prevent heat loss and improve energy efficiency with this Closed Cell Foam Weatherstrip. Made of 100% PVC sponge foam with pressure-sensitive, peel and stick acrylic adhesive. May be used on doors, windows, attic hatches around air conditioners and more. Easy to install, heips reduce heating and cooling costs. Just clean surface, cut to size, peel and stick.

Triple Seal Door Sweep features include three draft-stopping vinyl sealing fins for three times the sealing power. The 2-1/8" height makes this door sweep ideal for sealing both large and small gaps on new or old doors. Medium duty extruded aluminum carrier with five slotted screw holes for easy adjustment and efficient installation.

The do it yourself Window Kit includes plastics sheets that stretch over windows. Just secure with tape and heat with a blow dryer. This enables the plastic to shrink against the glass, creating a tight seal that prevents costly drafts.

### Energy & Water Saving Kit

This Hot Water Gauge card illustrates the temperature of your "hot water heater." If the temperature is 120° or more, then you know your hot water heater is turned up too high.



The Wall Plate Thermometer's Green Zone™ indicates an optimum temperature range for energy efficiency on both heating (68°F) and air conditioning (78°F).

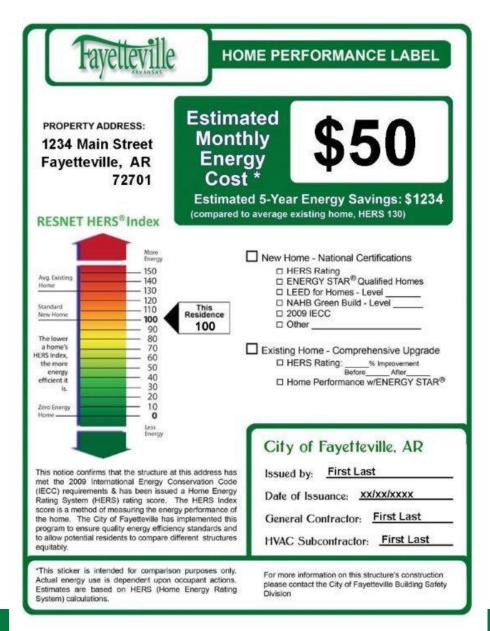
Switch & Outlet Sealer Packs. Insulates and seals out drafts, helps in energy conservation. Use this easy to install, low cost energy saving draft stopper.

The Refrigerator/Freezer Thermometer displays temperature in both °F & °C, and includes both magnetic and adhesive backing for different placement options.





## 2009 International Energy Conservation Code (IECC)





## Home Energy Affordable Loan



### Status

(as of May 29th)

- 77 employees completed audits
- 9 employees had no recommendations
- 23 have completed retrofits (DIY or Contractor)
- 6 have retrofit scheduled
- 21 are undecided

### If you are a homeowner, you may SAVE \$\$ ON YOUR MONTHLY UTILITIES through this pilot employee benefit program!

The City of Fayetteville is excited to introduce the HEAL pilot program as a new employee benefit. **HEAL** stands for **Home Energy Affordability Loan**, a program that offers a payroll-deducted, low-interest rate loan to make home energy improvements.



### What's in it For Me?

- a home energy audit at <u>no cost</u> to you
  a personal energy plan
  fair & trustworthy bids from area contractors
   access to utility company rebates
- if you choose to have the work done, optional payroll deductions and low interest loans designed to make the cost of the work negligible when compared to \$ saved on utility bills once work is complete

\*As with all City on site, employee

educational meetings: If a person

attends during their regularly scheduled work time, then they will remain

on the clock so that their paycheck

is not reduced just because they

Questions: 575-8268

chose to attend.

#### Am I Eligible?

To participate, you must own your own home; you must be an Ozark Electric, AEP-SWEPCO, or Source Gas customer; and you must have been employed with the City of Fayetteville long enough to qualify for health insurance.

#### **How Do I Participate?**

\*Sign up for one of the following three information and registration meetings. (Please bring a copy of your gas and electricity bill, or a copy of your account numbers to the meeting.)

#1- Jan 29, 10:00 a.m. City Hall Rm. 219 #2- Jan 29, 2:00 p.m. Transportation Meeting Room #3- Jan 30, 8:30 a.m. City Hall Rm. 219

#### To RSVP:

Email: kjones@fayetteville-ar.gov or call 575-8268 with the following information:

- meeting #1, #2 or #3,
- · your name & division/department
- daytime phone.

There will also be a sign-up sheet available at your department office.

This is first-come-first-served. SEATS ARE LIMITED TO 50 PEOPLE PER SESSION. This opportunity is offered through a partnership between the City of Favetleville, the Clinton Foundation, AEP-SWEPCO, Ozarks Electric & Source Gas



## PACE – Property Assessed Clean Energy

- AR Legislature Passed PACE Enabling Legislation – April 2013
- Fayetteville Energy Improvement District (First in AR) – October 2013
- Advertise PACE RFP June 2014
- Select Program Administrator August 2014
- Launch PACE Program Spring/Summer 2015



# Thank you!

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