

**THE BOARD OF COUNTY COMMISSIONERS
OF SANTA FE COUNTY**

RESOLUTION NO. 2008- 114

**A RESOLUTION CALLING FOR CONSIDERATION AND IMPLEMENTATION
OF VARIOUS MEASURES TO REDUCE FUEL USAGE AND CONSUMPTION**

WHEREAS, the Board of County Commissioners of Santa Fe County recognizes the skyrocketing costs of fuel i.e. with oil in excess of \$100 a barrel and gas over \$4 a gallon, Santa Fe County is committed to studying and assessing practical ways to reduce fuel usage and develop energy reduction measures;

WHEREAS, these exorbitant increases have an adverse effect on the county tax payer-supported budget and diminish the services the county can fund;

WHEREAS, the Board of County Commissioners believes there are reasonable, low cost measures that can be taken to reduce the effects of rising fuel costs;

WHEREAS, the Board of County Commissioners has the power to enact fuel reduction measures; and

WHEREAS, recommendations to reduce fuel usage and consumption are hereto attached as Exhibit A.

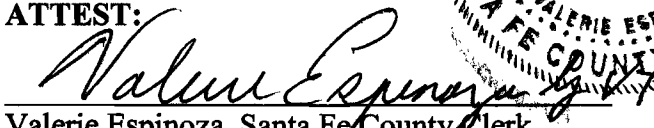
NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Santa Fe County that this Resolution, including the recommendations described in Exhibit A, is hereby adopted.

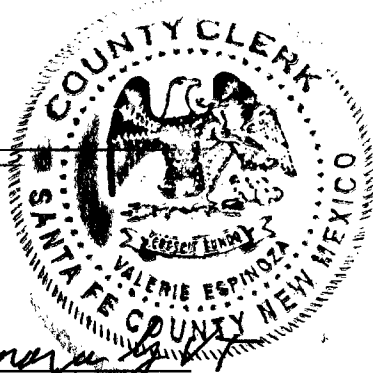
PASSED, APPROVED and ADOPTED this 8th DAY OF JULY, 2008.

**THE BOARD OF COUNTY
COMMISSIONERS**


Paul Campos, Chair

ATTEST:


Valerie Espinoza, Santa Fe County Clerk

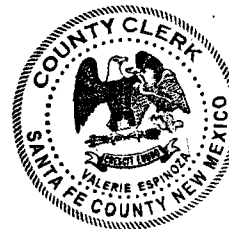


APPROVED AS TO FORM:



Stephen C. Ross, Santa Fe County Attorney

Attachment: Exhibit A



COUNTY OF SANTA FE)
STATE OF NEW MEXICO) ss

BCC RESOLUTIONS
PAGES: 7

I Hereby Certify That This Instrument Was Filed for
Record On The 13TH Day Of August, A.D., 2008 at 14:43
And Was Duly Recorded as Instrument # **1535017**
Of The Records Of Santa Fe County

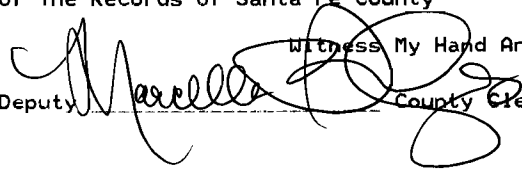
 Witness My Hand And Seal Of Office
Valerie Espinoza
Deputy County Clerk, Santa Fe, NM

Exhibit A

**BOARD OF COUNTY COMMISSIONERS
COUNTY MANAGER'S OFFICE
AFFECTING ALL COUNTY WIDE DEPARTMENTS AND OFFICES**

Procedure No. 2008- COUNTY WIDE

TITLE: RECOMMENDED INITIATIVES, METHODS AND MEASURES TO REDUCE
FUEL USAGE AND CONSUMPTION POLICY

EFFECTIVE DATE: _____ APPROVED BY: _____
Roman Abeyta, County Manager

RECOMMENDED INITIATIVES, METHODS AND MEASURES INCLUDE:

- I. Previously approved resolutions related to reducing fuel usage and consumption.
 - A. Resolution No. 2008-13 titled "A Resolution to Amend Resolution No. 2007-142, The Transportation Fuel Reduction and Alternative Fuel Vehicle Acquisition and Use Policy" approved at the regular Board of County Commissioners meeting held on August 28, 2007, is hereby included in this policy.
 - This policy requires the county to purchase alternative fueled or gas-electric hybrid vehicles. A pilot program that runs from January 1, 2008 to December 31, 2009 (two years) requires 50% of newly purchased vehicles to be alternative fueled or gas-electric hybrid vehicles; by 2011 this percentage would increase to 75%. The county is committed to buying more hybrids.
 - B. Resolution No. 2007-100 titled "A Resolution for Establishing and Implementing a Taxable Fringe Benefits Policy" which addresses the justification for and taxability of take-home vehicles.
 - The new form, following the City of Albuquerque's policy, requires much more justification than the previous one. For example, its policy requires that a take-home vehicle can only be justified by an individual who is "on call 24/7". Following this guideline would have the effect of reducing the number of take-home vehicles and thus reducing fuel consumption.

II. Option to convert to a four-day work week.

- A. Study and analyze the potential cost savings that could be realized by switching to a four-day work week from the regular five-day work week. All county offices would provide and make sure staff is available to serve the public from 8 to 5 Monday through Friday. Safety sensitive staff would work their normal schedules in support of 24/7 health and safety coverage.
- For example, a rough preliminary estimate of potential cost savings to employees would be; assuming there would be 250 out of town staff who would save 2 gallons (1 to come to work and the other to return from work) per workday (for the day they are off) 2 gallons x 250 employees = 500 gallons saved for the shortened work week, 500 gallons saved per week x 52 weeks per year = 26,000 gallons saved in a year x \$4.09 cost per gallon = an annual projected savings of \$106,340 per year. This is a conservative estimate because it does not include staff that lives in Santa Fe and the estimate of out of town staffers may be low. There would be a related reduction in greenhouse gas emissions.

III. County vehicle maintenance recommendations for all county vehicles

- A. Get that "Check Engine" light checked out – a faulty oxygen sensor—a fairly common cause of those unexplained "check engine" lights can cost up to 40 percent of an engines performance.

Possible Savings: estimated at 244.50 gallons/year (\$1,000/yr)

- B. Check Tire Pressure – according to government estimates, the average driver could boost fuel efficiency by 25 percent just by keeping tires inflated. Tire pressure should be checked everyday.

Possible Savings: 133.9 gallons/year (\$547.65/yr)

- C. Change Air Filter regularly – a clogged air filter can rob 10 percent of an engine's efficiency. A new air filter can get that 10 percent back—usually for under \$15.

Possible Savings: 60.9 gallons/year (\$249.08/yr)

- D. Drive 60 mph on the Highway, Not 75:

Possible Savings 57.8 gallons/year (\$236.40/yr)

- E. Get engine tuned – a simple tune up can boost mpg by four percent.

Possible Savings 25.8 gallons/year (\$105.52/yr)

- F. Drive calmly in the City – The EPA estimates that accelerating rapidly and braking hard can reduce car's fuel efficiency by as much as five percent and more likely ten percent.

Possible Savings 17.9 gallons/year (\$73.21)

- G. Lose Weight – government estimates say that an extra 100 pounds in your car can reduce fuel efficiency by up to two percent and that's an average—the smaller the car, the more extra weight makes the engine work harder; so empty the trunk.

Possible Savings 13.1 gallons/year (\$53.58)

- H. Change your oil on time – after 3,000 miles changing your oil (using the recommended grade) gives you back one percent of your car's mpg rating.

Possible Savings 6.6 gallons/year (\$26.99)

NOTE: Implementing these cost saving measures could save the county approximately \$2,292.43 per year per vehicle.

- I. Install bike racks at county buildings.

- IV. Get an Energy Audit completed on all county buildings. Not all county buildings have had an energy audit done. This is an important document to identify energy inefficiencies in county buildings especially the older ones.

- A. Switch to energy-efficient hardware, such as compact fluorescent light bulbs.
- B. Install solar panels to power equipment.
- C. Construct new buildings following the LEED Certification Standards.

- D. Evaluate temperature settings in county buildings and implement the changeover to programmable thermostats.
 - E. Install Occupancy Sensors/Timer and motion detectors at appropriate locations.
 - F. Inventory the age, size and efficiency of existing air conditioning units. When replacement is necessary opt for an Energy Star rating for new air conditioning units. Change filters monthly.
 - G. Install solar film on south and west facing windows of county buildings to reduce A/C energy consumption.
 - H. Place responsibility to save energy at the maintenance level. Provide authority to maintenance to evaluate and make business case to invest in more energy efficient lighting systems.
 - I. For public restrooms in county buildings utilize:
 - i) recycled paper;
 - ii) hand blowers – no paper towels
 - J. Reduce the use of paper in county operations by going to more electronic forms and communications.
- V. Implement an Education/Awareness of Energy Conservation program for county employees.
- A. Urge employees to be “energy conscious”, to conserve and reduce energy consumption.
 - B. For appliances with LED Lights, pull the plug when they are not being used.
 - C. Shut off computers and monitors at night.
 - D. Develop a slogan such as “When not in use, turn off the juice.”
 - E. Insert Energy Conservation Tips on county web-site.

- VI. Modify or implement county policies.
- A. Require use of "green" vendors by county departments in their procurement of supplies.
 - B. Implement a "green space" policy in County's Growth Management Plan.
 - C. Implement LEED Certification through code and incentives such as reduced permit fees for green building construction or modification.
- VII. Get a lower per therm rate for gas for all county buildings. Santa Fe County recently signed a contract with BC for two years to get the county a "transportation rate" which is a much lower per therm rate than the county had been paying. This should result in substantial natural gas savings.
- VIII. Fire Department could cut back on training and maintenance to balance out increasing fuel costs. Cut overtime hours.