

ENERGY TASK FORCE
of the
CITY OF SANTA FE / SANTA FE COUNTY
REGIONAL PLANNING AUTHORITY

4 PM, Thursday, June 16, 2010
Santa Fe, New Mexico

This meeting of the Energy Task Force (ETF) of the City of Santa Fe / Santa Fe County Regional Planning Authority (RPA) was called to order by Vice Chair Kathy Holian at approximately 4:10 PM on the above-cited date in the legal conference room of the Santa Fe County Administration Building. Since there was no quorum, it was decided to hold a discussion.

ROLL CALL

Kathy Holian, Vice Chair
Randy Grissom
David Van Winkle

Members Absent:

Chris Calvert, Chair
David Blackman
David Griscom
Brendan Miller

Others Present:

County of Santa Fe
Duncan Sill, Economic Development Planner
City of Santa Fe
Nick Schiavo, Energy Planner

APPROVAL OF MINUTES

There was no quorum, and so approval of the minutes was postponed to the July meeting.

• **DISCUSSION**

Mr. Schiavo presented a graph that shows the total megawatt hours of electricity used in Santa Fe County from 1990 thru fiscal 2009. The usage includes commercial, residential and industrial. He explained that the drop in usage in 2008 was a result of the economic downturn. This information is all of PNM for Santa Fe County and does not include cooperatives.

While the residential energy use dropped somewhat in 2009, overall it has been a steady climb because the houses are bigger and there are more appliances and electronics. Natural gas use has stayed flat and is mostly linked to the number of days in the year below zero.

Mr. Schiavo noted that the City of Santa Fe is working to reduce its carbon footprint and is looking to focus on natural gas, electricity, and transportation. An objective is to determine how many gallons of gasoline have been sold in Santa Fe County.

Mr. Sills said that he has requested the entire City fleet consumption data.

Mr. Schiavo quoted percentages of energy for PNM: 60% is generated from coal; 30% from nuclear; 8% from natural gas; 2% from wind; PV is an immeasurable amount. While PNM is developing natural gas facilities throughout the territory, they have no intentions of phasing out coal and plan to keep running on coal as many years as possible.

Mr. Van Winkle cited some of the troubles with Four Corners – every agreement is up for negotiation in 2016, coal prices, transmission lines, operating agreements amongst owners, and there are clean air requirements about to be implemented. If PNM does not keep its ownership of Four Corners, APS will be the biggest owners. There is also less demand from California on coal plants. Mr. Van Winkle said his objective is to get to zero coal plants.

Mr. Schiavo said that Phillips Electric Company put on a lighting expo with their latest advances in lighting, which are amazing. There are halogen replacements and LED that can be used for track lighting. He wants to generate a list of downtown galleries to give them a presentation on new energy products. PNM has incentives, such as receiving 10% back of the cost for lighting projects.

Mr. Sill said that priorities will be set and a decision made for whether to work with small businesses in downtown Santa Fe to optimize their improvements before moving on to other commercial enterprises.

Since the smaller businesses may not have the money today to invest in upgrading of their electrical use, Mr. Grissom asked if it would be better to focus on the big box stores and shopping strip malls.

Mr. Schiavo explained that places like Wal-Mart have already designed their stores to cut all the costs they can and it is the small businesses that need a hand. He suggested that having someone from the City and the County doing the presentation would have more influence.

Mr. Grissom suggested that SFCC internship students may be able to help.

Vice Chair Holian said that she presented the ETF letter to the RPA at its June 15 meeting. The letter made a point how to better use the existing GRT as leverage for debt service that could possibly make an impact. She added that no decisions were made because the RPA is having a retreat on Monday, June 21, and energy will be an important part of the retreat, using the ETF letter as a primary focus of discussion. The RPA members seemed to be on board to free up funding for maximum flexibility.

There was discussion about a municipal utility and the cost for the City and County. Mr. Schiavo said that a major cost of the system would be infrastructure for poles, stations, etc., and a municipal utility is feasible. The BDD will come on line and use a lot of energy, but it also has large ponds and reservoirs and may not be forced to run every hour of every day. When the sun

is shining, BDD will pump and treat. Experience will determine how many hours they can wait when the sun does not shine, so they are not forced to burn natural gas except when necessary.

Farmington has its own municipal utility. Before 2000 they disconnected from the western grid and are completely self-sustaining. A lot of their energy capacity is hydro generating from the Navajo dam and they have a small gas backup.

Los Alamos did hydroelectric from the Chama River, but has backed off on the percentage of energy. They are looking at an energy consumption assessment.

Hawaii is looking at wind and solar that would generate electricity and pump water uphill for the reservoirs.

Mr. Sill said he would share the data that he has for solar thermal for Mr. Grissom's use at SFCC.

Mr. Schiavo said that for the next ETF meeting he will create a pie chart with the data for electric and natural gas.

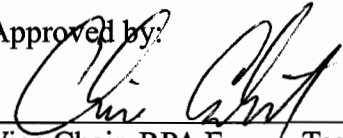
DATE AND TIME FOR NEXT ETF MEETING

The next regular meeting of the ETF was set for 4:00 PM, July 8, 2010. Mr. Schiavo said he will locate a meeting space and send an email to the members with particulars.

ADJOURNMENT

This discussion session ended at approximately 5:10 PM.

Approved by:



Vice Chair, RPA Energy Task Force
Kathy Holian, County Commissioner

Drafted by Kay Carlson



COUNTY OF SANTA FE)
STATE OF NEW MEXICO) ss

ENERGY TASK FORCE MINL
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I Hereby Certify That This Instrument Was Filed for
Record On The 10TH Day Of February, 2011 at 10:50:08 AM
And Was Duly Recorded as Instrument # 1626365
Of The Records Of Santa Fe County

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

Meeting of Energy Task Force
County Admin Building
County Manager's Conference Room
June 16, 2010 - 4:00 pm-5:30 pm

- I. ROLL CALL
- II. APPROVAL OF AGENDA
- III. APPROVAL OF MINUTES
 - A. Minutes of May 20, 2010
- IV. PETITIONS FROM THE PUBLIC
- V. DISCUSSION ITEMS
 - A. Discussion of Energy Efficiency Program letter presented to the RPA
 - B. Discussion of energy use within Santa Fe County
- VI. MATTERS FROM STAFF
- VII. MATTERS FROM THE ENERGY TASK FORCE
- VIII. DATE AND TIME FOR NEXT ETF MEETING
- IX. ADJOURNMENT