

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

**4 PM, Thursday, February 10, 2011
Santa Fe, New Mexico**

The Regular 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 Chair Chris Calvert at approximately 4:10 PM on the above-cited date in the legal conference room of the Santa Fe County Administration Building.

ROLL CALL

Members Present:

Chris Calvert, Chair
Kathy Holian, Vice Chair
David Griscom
Craig O'Hare
David Van Winkle

Members Absent:

Randy Grissom

Others Present:

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



COUNTY OF SANTA FE)
STATE OF NEW MEXICO) ss ENERGY TASK FORCE MIN
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I Hereby Certify That This Instrument Was Filed for
Record On The 23RD Day Of May, 2011 at 03:25:21 PM
And Was Duly Recorded as Instrument # 1635637
Of The Records Of Santa Fe County

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

APPROVAL OF AGENDA

Ms. Holian moved to approve the agenda, seconded by Mr. O'Hare and approved unanimously.

APPROVAL OF MINUTES

- **November 15, 2010**

Ms. Holian moved to approve the Minutes from November 15, 2010, seconded by Mr. Van Winkle and approved unanimously.

PETITIONS FROM THE PUBLIC

No public was present.

DISCUSSION ITEMS

It was decided to address the Strategic Plan after Energy Efficiency.

- **Energy Efficiency – City and County Government and Local Businesses**

Mr. Schiavo reported on several energy efficient projects for the City. The bulk of the \$1.3 million in stimulus funds was spent on energy efficiency. Retrofits were done on 28 of 52 buildings. As a pilot project LED lights were installed at 14 intersections and the Sandoval Street parking garage. High efficiency boilers were installed at 8 different city buildings. The last of the ARRA funds are being used for new street lighting. The bidding was closed last week and the bid specs are now being reviewed. The new fixtures should last for 20 years. It costs \$240 to change a light bulb in the old streetlights. Mr. Schiavo will report the costs and payback to the City Council for the benefits to having retrofits done on the remaining city buildings.

Mr. Schiavo met with Homewise regarding the Old Las Vegas homes where the tax credit can be rolled into the mortgage payment if the owner is income qualifying.

For Santa Fe County, Mr. Sill explained that the ARRA funds were used to procure a contract to help with updating a GIS system to better route the fleet, using the Assessors Office as a pilot to measure the reduction of vehicle miles, the behavioral change and how the internal staff conducts business.

The County is retrofitting LED street lights that have a five-year warranty and a conservative 12 to 15 year payment, with a low initial investment. They looked at the highest traffic impact for the initial recommendations and where replacements were needed anyway. The streetlights that are replaced will be stored and used as necessary to replace lights as they go out.

The ARRA funds through the state will be used for energy audits on selected county facilities. Once the audits are done, the cost benefits will be taken to ETF for recommendations to take to the BCC.

On the federal side, related to development of the commercial aspects of the Renewable Energy Financing District, they are looking at funds to further enhance the cost of financing to buy down interest rates.

Regarding QEBC, Mr. Sill and Senator Peter Wirth drafted a bill for reallocation processes to be established in the state. The formula is population based on federal guidelines, and most communities in New Mexico cannot access the allocations. Mr. Sill will forward a copy of the bill to the ETF members to help them in supporting the bill.

Ms. Holian asked ETF members to let her know about bills that might be of relevance to the ETF and that affect the region.

- **Strategic Plan**

Chair Calvert stated that the basis for the strategic plan was the goal of energy independence. The objective of the plan is to report it to the RPA as a joint City-County body and use it to guide the ETF as it moves forward.

The plan is focused on building energy related issues. Transportation might be included and what is being used currently and on future priorities.

Mr. O'Hare pointed out that III.B. Supply does not get into specifics and how to deal with supply when it comes to electric generation.

Ms. Holian said the objective is to reduce greenhouse gases and to know how the electricity is generated.

Mr. Schiavo stated that the baseline needs to be determined when considering a municipal utility.

Mr. Sill asked what geographical territory is included in the scope. Chair Calvert replied it covers the entire county. He added that the type of energy generation and how it is produced might be germane to the discussion.

Mr. Van Winkle pointed out that the use of water is important. He said he recently did the math on the San Juan coal plant, which uses 2.5 times the amount of water the City of Santa Fe does. It takes water to produce energy, and it takes energy to produce water. He will send a copy of his recent analysis to the ETF members.

It was suggested that a section that deals with water be added. There was discussion about where the energy comes from and where the water that is being used by the City and the County comes from.

Mr. Sill added that a consideration for moving to a muni where water rights are used to produce electricity could be a useful baseline.

Ms. Holian stated that the energy to water nexus has a connection and plays an important role.

Mr. O'Hare said it would be beneficial to break out energy usage, buildings versus transportation. Basic assumptions about gas and diesel need to be used.

Mr. Schiavo stated that no one in the state is forthcoming about how much fuel is being sold in Santa Fe County or in the city limits. Estimates will have to be used.

Mr. Griscom stated policies and projects should be developed to incentivize technologies.

Mr. Craig said a question is to break out the technical potential and then policy options that the City and County could implement to comprehend the technical potential to these efficiencies or realize renewable generation.

Chair Calvert said a number one priority is the less energy you have to pull in from some place becomes a key aspect of the plan. When the background information is compiled, it will be useful when moving forward on VII.

Chair Calvert added a sound basis and good groundwork will be needed to give reasons to the City Council or the BCC for projects, especially since money is in short supply. So that when resources are available in the future, they will be ready to move forward. He said that he will work with Mr. Schiavo so that II and III can be put together in a more useful form and ready to review.

Ms. Holian stated the plan as presented is a good start, and as the items are filled in and ideas come, there will be better organization. She added that Ms. Mary Jane Parks may be able to help with providing a lot of the needed information.

Mr. Griscom stated the plan is a useful document and that II and III will be important to establish the baseline. Where the ETF comes in is from IV on. He said he wants to get to that point and not lose time collecting the background information.

Chair Calvert requested that ETF members work on sections and email what they have so that it can be fleshed out and sent out a week before the next meeting.

Mr. Griscom said he would work on policy options for supply in IV.B. and would be willing to work on designing programs or policies.

Chair Calvert said this will be a ranking of potentials for the different sources of energy supply in Santa Fe County, such as what is the source and supply for biomass and is it sustainable or not. Cost also comes into it.

Mr. O'Hare added a goal is to achieve as much as is politically feasible for energy independence, energy efficiency and renewables. It gets down to what the policy options are that can get through the governing bodies.

Mr. Griscom suggested that Ms. Park could start working on the various resources in Santa Fe County in order to jumpstart the strategic part of the plan, which can be done by the ETF members. The ETF resources and time is better spent on designing policy to incentivize.

Mr. Griscom added that the trick to making the document successful and useful is to suggest ideas like solar thermal versus propane. Chair Calvert agreed it should be determined how much propane is being used in Santa Fe and would displacing it reduce greenhouse gases as much as doing away with electrical energy.

In a discussion on giving incentives to city employees to carpool or use public transportation, Mr. Schiavo noted that the City of Albuquerque gives free parking to hybrids. If employees carpool, they can work less hours per week and are not charged for parking.

Ms. Holian added that this is a good time to think of land use issues because the County is rewriting its code, which includes orientation for passive solar in developments. The one consistent thread throughout the plan is sustainability, which means that all of the code has to be sustainable or it will not be consistent with the plan.

Mr. Calvert mentioned a citywide competition on who could reduce their energy bill the most at a given time. It could include different categories and might be called Kilowatt Busters.

Mr. Griscom said that was a good idea and it allows something for the community to rally around and could be selling point to the document. He suggested that this is something Ms. Parks could research from other areas that have done such a contest.

Mr. Schiavo added that businesses could give their PNM account number so that past data could be pulled up to obtain a start and end date for energy efficiency to see who the top five overall winners are. This falls under education and awareness.

Mr. O'Hare stated this could be a Youthworks on a grand scale.

Other suggestions included having homeowners sign waivers, track natural gas and electrical use, have big meters installed so that people can see what they are using and perhaps put a remote meter display inside the house.

ACTION ITEMS

- **Nomination of Erik Aaboe to the Energy Task Force**

Ms. Holian moved to recommend the nomination of Erik Aaboe as a member of the Energy Task Force to the Regional Planning Authority, seconded by Mr. Van Winkle, and unanimously approved.

DATE AND TIME FOR NEXT ETF MEETING

The next meeting of the ETF is scheduled for Thursday, March 10, 2011. Mr. Schiavo will work with the members to be sure there will be a quorum.

ADJOURNMENT

There being no further business to come before the ETF, this Regular Meeting was adjourned at approximately 5:35 PM.

Approved by:



Chair, RPA Energy Task Force
Chris Calvert, Councilor, City of Santa Fe

Drafted by Kay Carlson

CITY CLERK'S OFFICE

DATE 2-1-11 TIME 3:33 pm

SERVED BY Nick Schiavo

RECEIVED BY [Signature]

Meeting of Energy Task Force
Santa Fe County Building
Legal Conference Room, 102 Grant Avenue
February 10, 2011
4:00 pm- 5:30 pm

- I. ROLL CALL
- II. APPROVAL OF AGENDA
- III. APPROVAL OF MINUTES
 - A. Minutes of November 15, 2010
- IV. PETITIONS FROM THE PUBLIC
- V. MATTERS FROM STAFF
- VI. DISCUSSION ITEMS
 - a. Strategic Plan
 - b. Energy Efficiency – City and County Government and Local Businesses
 - c. Friendly competition for energy use reduction – business & residential
- VII. ACTION ITEMS
 - a. Nomination of Erik Aaboe to the Energy Task Force
- VIII. MATTERS FROM THE ENERGY TASK FORCE
- IX. DATE AND TIME FOR NEXT ETF MEETING
March 10, 2011
- IX. ADJOURNMENT