

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

**3 PM, Thursday, July 8, 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 Chair Chris Calvert at approximately 3:11 PM on the above-cited date in the Tesuque Room of the Santa Fe Community Convention Center.

ROLL CALL

Members Present:

Chris Calvert, Chair
Randy Grissom
Kathy Holian
David Van Winkle

Members Absent:

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 AGENDA

Mr. Schiavo said Katherine Mortimer could not attend but had asked him to hand out a proposal that Santa Fe County adopt the City of Santa Fe's mandatory Home Energy Rating System (HERS). It was agreed that he would present that for discussion under Matters from Staff.

Ms. Holian moved to approve the agenda. Mr. Grissom seconded. The motion was unanimously approved.

REVIEW OF DISCUSSION NOTES

Chair Calvert reviewed the discussion notes from the meeting of June 16, 2010, and found them to be accurate. Mr. Sill asked for a correction. He said the notes said he would get data on the City fleet, but that should have read "County" fleet.

DISCUSSION

A. Discussion of Energy Efficiency Program Letter Presented to the RPA

Ms. Holian led discussion of the Energy Efficiency Program letter presented to the RPA. She presented the letter at the June 15 RPA meeting; members gave positive feedback and thought it seemed reasonable. She also took it to the June 21 RPA retreat. Although RPA members are in agreement with it, they asked that the ETF make more concrete recommendations. RPA members also agreed that they liberalize use of County Joint Capital Outlay and Gross Receipts Tax revenues, and be able to bond.

Chair Calvert asked what the ETF needed to do. Ms. Holian said they have to determine how funds would be used and how much would be needed. There are currently programs in both City and County that they could continue and build upon. Chair Calvert suggested that members who had ideas or had taken part in past programs work with Mr. Schiavo to come up with a budget and proposal. They would review that proposal at the next ETF meeting. The proposal would use City and County budgets together.

Mr. Schiavo said he could filter through vendors he meets and bring in someone to make a brief presentation. One person with interesting concepts is working in California with a very organized approach to sustainability. His information would benefit the ETF, for example, providing specifics on how they chose to make changes in some buildings and not others.

Mr. Sill said he would check with the County Attorney, who is working on what is possible in expanding, and would make those details available.

Chair Calvert added that he and County Commissioner Stefanics are on the Financial Subcommittee for the Buckman Direct Diversion Board. They heard that current

projects were not being fully funded, and therefore there may be second thoughts on any potential funding.

Ms. Holian said it does not make sense to bond for large amounts of money for energy efficiency. They should save fire for big things. Mr. Schiavo thought they could do a lot with \$250,000, and show how it would be returned in benefits. "It's scalable," Chair Calvert said, "the more we have the more we can do."

Ms. Holian said she, Mr. Sill and County Commissioner Vigil are in discussion about energy efficiency with affordable housing. They will give direction to creating an energy efficiency loan program in the County – as the City does with Homewise. They can actually divert some of the affordable housing funds for that purpose. They will have further details at the next ETF meeting.

Mr. Schiavo said the City used \$100,000 of its affordable housing fund to buy lower interest loans, and leveraged \$600,000 to loan out. The City's capital is still there, but they took \$100,000 in federal funds to buy down loans. At \$900 per month, it will take about 24 months to be able to loan out again.

Mr. Sill will seek comments. Commissioners Holian and Vigil will introduce the proposal, and then will have 30 days to come up with the analysis.

B. Discussion of Energy Use within Santa Fe County

Mr. Schiavo spoke about the Santa Fe County CO₂ Emissions graph on the reverse side of the agenda. He said the electricity figures were somewhat accurate—PNM's electricity is 60% provided by coal, and total New Mexico electricity is generated 85% from coal. Sources for gasoline consumption are not forthcoming—statewide use is 93 million gallons of gasoline. He guessed on Santa Fe County, because he could not go entirely by population.

Natural gas figures were fairly accurate. Individual propane retailers were not forthcoming, so his guesstimate was based on about 40% of homes in the County using natural gas. He concluded that his graph gives a feel for greenhouse gases. Chair Calvert wondered what could be substituted for propane because it is expensive, and so there is a better return, for example, for establishing solar. They have to look at incentives.

Gasoline is used almost exclusively for transport. Mr. Schiavo included diesel in the gasoline figures, which is essential for bringing goods in, and even tougher to get at.

All were figured on an annual basis. Putting something in to displace natural gas would have to work in winter, therefore solar thermal comes to mind.

Ms. Holian reminded ETF members that hot water is heated year round. However, the difference in summer and winter bills is considerable. It could be that more than half of propane usage is in winter. Amount used depends on size of homes, number of occupants, etc., and is therefore difficult to generalize.

Chair Calvert said the purpose of this agenda item was to determine priorities. It appears that electricity use is a high priority.

Ms. Holian and Mr. Grissom both said that they figured the payback for solar hot water alone for their homes had definitely been worth it.

Chair Calvert thought electricity and propane rose to the top of the priority list, and the remaining categories were more difficult to address—at least for now.

The ETF could address alternative transportation, but not specifically energy. Mr. Sill said next month the County fleet is upgrading GIS software to better track how the fleet is routed. That will bring about significant savings and is something small that can be done. He will bring in more information.

Chair Calvert said both jurisdictions are looking at types of fuels used, for example, algae-based diesel. Availability, supply and location are all challenging. They will continue to pursue options.

Mr. Van Winkle said the electricity breakdown at the last ETF meeting showed that County government usage was very small. Chairman Calvert said the ETF needs to show leadership, but have an effect where there is marked consumption—moving forward with a commercial green building code, for example. Mr. Schiavo said commercial use is rising, despite showing a drop with lesser visitation, and home use continues to rise. General growth and growth in size of homes was noted.

Mr. Schiavo said raising the utility rates in spite of the economic downturn reflects that utility providers want to make the same amount of profit no matter how much electricity is used.

Ms. Holian said the ETF needs to talk further about electricity usage and greenhouse gas emissions. Chair Calvert asked how to approach that at future meetings. Mr.

Schiavo said he wants to roll out a program every few months for new more reliable lighting. He talked to a Philips Lighting representative about success with downtown galleries. It would be of value if Mr. Schiavo made presentations to galleries. He would have a better chance of being heard than company representatives.

Collected Works bookstore went from 75watt halogen bulbs to 25watt compact fluorescents. The owner is happy with the light and sees a difference in the electric bill. She offered her place as a venue for a talk about it. Chair Calvert thought a lot in built environments could be addressed working with the Chamber of Commerce and others—to see quick payback for both economics and reputation. Mr. Schiavo said the ETF could do window stickers for businesses that make changes saying, “I’m part of ...”

Mr. Van Winkle recommended having downtown businesses close their doors during business hours. The building across the street from La Fonda uses 120watt halogens. The spotlights on art also create heat and increase the cooling bill.

Chair Calvert asked members how they wanted to explore the block called electricity. Mr. Sill suggested breaking it into categories that affect electricity consumption, CO₂ emissions and cost, and aligning them with program activities. Then concentrate on priorities and potential economic and environmental effect.

Chair Calvert said they also need to determine location types to address. That would help with getting proposal funding. Mr. Schiavo and Mr. Sill can work up a structure. Mr. Schiavo said he knows of a good consultant who could break down the data and advise on what could be done—even determining how many dollars could do what. Ms. Holian thought they should go back to the RPA for a budget to take those steps. Chair Calvert thought the traditional approach was “rely on your existing resources.”

Mr. Van Winkle said there are programs with residential activities going on that have reduced emissions by 50%. The question is, what is the equivalent of that in commercial, and perhaps commercial venues should be a starting point.

Chair Calvert would look within commercial entities at where electricity is used the most, probably in lighting, cooling and heating. He said people who were responsible for certain sectors got to be knowledgeable and helped people understand what could be done.

Chair Calvert wondered whether the ETF could rely on other groups to help, like the Chamber of Commerce. The hospital industry, restaurants, galleries and big box stores

are already doing these things. It could be valuable to look at the government sector, specifically the state. Mr. Schiavo said his counterpart at the state has adequate funding. Chair Calvert recommended conferring with utility billing people who have already checked out those categories.

Concerning hiring a consultant, Chair Calvert recommended that the ETF do what it could, then call on someone with more expertise for details. Mr. Schiavo reiterated that there might be value in getting outside help. An expert might be able to better see the overall picture and what could be worked on first.

Ms. Holian asked that Mr. Schiavo write up what a consultant would do and what the budget would be, to present to the RPA as a one-time proposal, not as an ongoing expense.

C. Economic Study for a Municipal Electric Grid

Ms. Holian recommended putting off discussion of an economic study until the next meeting. She would find the information that Ms. Georgia Maryol compiled, and rewrite it to include with a letter to the RPA. Chair Calvert said the scope had changed, from a \$30,000 mini-study to make sure it was worth moving ahead—using \$10,000 from the New Energy Economy and \$20,000 from the RPA. But it does not say how the money would be spent. He would also mention in the letter that legal steps accomplished by County staff would be summarized and brought up to date. Members agreed to move forward in that way.

Ms. Holian will edit the information and email it to members. Members were reminded that there is a procurement ordinance so they would have to solicit bids.

D. Schedule for Future Meetings

There were conflicts for three members with the current ETF meeting time. Meeting on third Thursdays at 4 p.m. was proposed. The ETF will meet August 19, and will determine whether that works for all members. Ms. Holian and Mr. Sill will set up a meeting room.

MATTERS FROM STAFF

Mr. Schiavo will present information at the next meeting.

MATTERS FROM THE ENERGY TASK FORCE

Mr. Sill asked whether the RPA needs to move to reauthorize the Energy Task Force. Ms. Holian said part of her letter would be a request that the ETF become more of a planning group. Chair Calvert said the ETF needed to address that. A strategic plan was needed, so perhaps they could devote a meeting or two to a strategic plan. Ms. Holian will send the resolution that created the ETF to Mr. Schiavo. He can rewrite it to clarify its focus and bring it before the RPA.

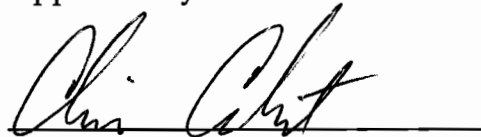
DATE AND TIME FOR NEXT ETF MEETING

The next meeting of the ETF was set for 4:00 PM, August 19, 2010. Ms. Holian and Mr. Sill will locate a meeting space and notify members.

ADJOURNMENT

There being no further business to come before the ETF, this Regular Meeting was adjourned at approximately 4:01 PM.

Approved by:



Chair, RPA Energy Task Force
Chris Calvert, City Councilman

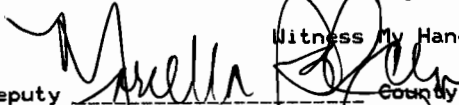
Drafted by Karen Meadows



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

Meeting of Energy Task Force
Santa Fe Community Convention Center
Tesuque Room - located on the 3rd Floor
July 8, 2010 - 3:00 pm - 4:30 pm

- I. ROLL CALL
- II. APPROVAL OF AGENDA
- III. REVIEW OF DISCUSSION NOTES
 - A. Notes of June 16, 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
 - C. Economic Study for a Municipal Electric Grid
 - D. Schedule for future meetings
- VI. MATTERS FROM STAFF
- VII. MATTERS FROM THE ENERGY TASK FORCE
- VIII. DATE AND TIME FOR NEXT ETF MEETING
- IX. ADJOURNMENT