

**CITY OF SCOTTSDALE
ENERGY ADVISORY COMMITTEE
ENVIRONMENTAL QUALITY ADVISORY BOARD**



**WEDNESDAY, FEBRUARY 6, 2008
MAIN CIVIC CENTER LIBRARY
3839 NORTH DRINKWATER BLVD; GOLD ROOM
SCOTTSDALE, 85251**

SUMMARIZED MEETING MINUTES

PRESENT: Jim Mulloy, Chair
Brian O'Donnell, Committee Member (arrived at 7:43 a.m.)
Bill Sheaffer, Committee Member
Richard Stegeman, Committee Member
Dave Walker, Committee Member

ABSENT: Jimmy Leung, Vice-Chair
Keith Thompson, Committee Member

STAFF: Chuck Skidmore, Energy Management Engineer
Anthony Floyd

OTHERS: Victor Valliere, Planning and Development Services
Connie Padian, Chief Planning Officer
Dave McDonald

1) Call to Order

Chair Mulloy called the meeting to order at 7:36 a.m.

2) Roll Call

A roll call confirmed the presence of Committee Members as noted above.

3) Approve minutes of last meeting

**COMMITTEE MEMBER WALKER MOVED TO APPROVE THE MINUTES OF THE
JANUARY 2, 2008 MEETING. COMMITTEE MEMBER SHEAFFER SECONDED.
THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF FOUR (4) TO ZERO (0).
COMMITTEE MEMBER O'DONNELL WAS ABSENT.**

4) Introductions

1) People

Mr. Valliere introduced himself to the Committee. The Planning and Development Services Department has temporarily assigned him to review Scottsdale's environmental sustainability effort and present a comprehensive recommendation to the City Council. Ms. Padian is assisting and providing guidance to Mr. Valliere on his assignment.

2) Process

None.

5) Public Comment

Mr. McDonald, a Scottsdale citizen, said he has been following the development of the City's new Transportation Master Plan. He felt that the environmental aspects of the plan are essentially missing. The questions about energy and air quality that he raised at the Transportation Commission meetings have largely been disparaged in his view. The plan does not adequately measure or even take into consideration the amount of energy wasted and pollution created by congestion at intersections during peak travel hours. The City of Scottsdale should look into the sustainability issue as it relates to transportation.

He distributed an article from the Institute of Electrical and Electronics Engineers that categorizes hydrogen as a niche energy source. He urged the Committee to include transportation issues in the energy plan. There should also be a draft environmental impact statement as part of the Transportation Master Plan process. The TMP should include a program for installing electric plug-ins at various public locations, and in private developments such as apartments and condos.

6) Old Business

a) Update on status of forming an energy office for the City. Possible introduction to and discussion with the manager assigned to analyze the Board's recommendations.

Mr. Valliere reported that he is in the information-gathering phase of the project, and would arrange to interview the Committee Members individually. A lot of interest has been generated in the direction Scottsdale will take in terms of environmental sustainability. He hopes to have a presentation ready for Council by April 15.

Ms. Padian explained that the program Mr. Valliere is in is a professional rotation program that allows City directors and managers to obtain experience outside of their typical roles. Of the 20 recommendations in the Energy Plan Update, Mr. Valliere will be

focusing on the recommendation to form an Energy Office. The April 15 target date is to coincide with the Council's budgeting process. Mr. Valliere will help determine where the Energy Office could fit within the City's organization, and what its potential operating and capital budget might be.

- b) Discussion and possible action on further assignments to working groups for additional work on guidance document for staff implementation of the Energy Plan 2007 Update.

Committee Member Walker said the case study he is preparing, comparing an energy-efficient green City building to a non-green City building should be finished by the end of the week.

Mr. Floyd suggested that the employee productivity data from an ASU student's graduate thesis project could also be tied into the report.

- c) Review and possibly act on any environmental initiatives that may have been assigned to the Committee by EQAB since the last meeting.

None.

7) New Business

None.

8) Working Group Reports

None.

9) Announcements

- a) Meeting dates and times

Chair Mulloy reported that the next EQAB meeting would be held on February 20.

- b) Others

Committee Member Sheaffer invited Committee Members to the legislative breakfast event hosted by Clean Cities on February 26 at the State Capitol. It is an educational outreach program that exposes legislators to public and private alternative fuel vehicles that are in use today. Seven Arizona mayors have been selected to receive awards as Clean Air Champions, including Mayor Manross. Additionally, four State Legislators and two Congressional Representatives will receive awards.

Committee Member Sheaffer reported presenting a copy of the Scottsdale Energy Plan to the Western Governor's Association as a potential model for their own comprehensive program. He said people should get over the notion that there will be one single option

for replacing petroleum. The solutions will include multiple options from biodiesel to ethanol, liquefied natural gas, compressed natural gas, propane, hydrogen, and electric plug-ins. Hydrogen is a niche, as all of the options are to some degree. Scottsdale has already started down the road to utilizing multiple options.

Committee Member O'Donnell reported on the Distributed Renewable Energy Conference in California, where AB32 was passed. The goal of AB32 is to reduce greenhouse gases back to the 1990 levels by 2020, and 80% from present levels by 2050. The Federal government is now requiring an inventory of greenhouse gases. He suggested that the EAC look at the draft standard for how the inventory will be conducted, once the EPA releases it.

Mr. Floyd reported that the Green Building Expo Planning Subcommittee is making the transition to an open public meeting process. The 2008 Expo will take place in Phoenix and several other Valley cities as well. It will serve as a good segue to the 2009 National Green Building Conference, which will also be held in Phoenix.

The GBAC is working on a Green Building Policy to expand upon the City's Green Building Resolution. It will also include recommendations on what could be done in the private sector.

Mr. Skidmore inquired if a discussion on the Transportation Master Plan would be agendaized. Chair Mulloy responded that he would be in favor of discussing how hydrogen technology can be used in City transportation, but not the TMP itself. Ms. Padian said the TMP has already been reviewed by the City Council and any additional improvements to it should be done through the Transportation Commission. Chair Mulloy added that such a review would have to involve EQAB anyway, and could not be done directly by the EAC.

Chair Mulloy reported that a private firm has offered to present a live demo to the Committee on their web-based sustainability training program that could be used for City employees.

Committee Member O'Donnell requested an overview of Scottsdale's prescriptive for its energy code, and a summary of how the Green Building Program works.

10) Adjournment

With no further business to discuss, the meeting adjourned at 8:40 a.m.

Respectfully submitted,

A/V-Tronics, Inc.