



**SUMMARIZED MINUTES**  
**City of Scottsdale**  
**Environmental Quality Advisory Board**  
**Energy Advisory Committee**  
**Regular Meeting**

Wednesday, August 12, 2009  
Civic Center Library – Gold Room  
3839 N. Drinkwater Blvd.

**PRESENT:**

Tom Dwyer (Chair)  
James McCay (Vice-chair)  
Keith Thompson  
Brian O'Donnell  
Bill Sheaffer

**ABSENT:**

Richard Stegeman  
Dave Walker

**ALSO PRESENT:**

Linda Butson, Facilities Management Director  
Annie DeChance, Public Participation and Outreach Manager  
Ron Dolan, Water Resources Engineer  
Chris Hassert, Planning and Engineering Director  
Christina Klein, Water Conservation Specialist  
Andrew Kocisky, Environmental Sustainability Analyst

**Call to Order / Roll Call**

Chairman Dwyer called the meeting to order at 7:32 a.m. A formal roll call confirmed members present as stated above, noting the presence of a quorum.

**Public Comments**

There were no public comments.

**1. Approval of Minutes**

Regular Meeting: June 10, 2009 APPROVED: 5-0. Motion by Committee Member O'Donnell, Second by Committee Member Sheaffer.

**2. Presentation by Chris Hassert of the Water Department on the department's efforts and plans for addressing energy efficiency and conservation.**

Chris Hassert presented current environmental and energy efficiency projects in the Water Department. He reviewed the Water Campus Solar Investigation that would

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develop a 400kW facility on the water reservoir roof at the Water Campus. The Energy Block Grant Blower Replacement project will replace blowers at both the Water Campus WRF and the Gainey Ranch WRF. These are estimated to save more than \$3M in energy costs over the next 10 years. The System Optimization Study will gather system data and develop a set of tools and strategies that will allow the Water Department to optimally operate and update the system. Chris Hassert also described the Pumpback System Operational Changes. The Water Department shutdown the east leg of the system and increased pumping in the west let. This created more efficient pumping. It reduces energy costs, and improves conditions thereby reducing odor control chemical needs (\$40k annually) and operates the pumps at their optimum. The Water Department is also working with APS to identify pumps that will qualify for repairs through their rebate program. The Sub-Regional Operating Group (SROG) 91<sup>st</sup> Avenue Gas Capture Project will capture gas generated by the wastewater digester and will discharge it into the nearby El Paso gas line. This will generate revenues by selling gas to Sempra Team and will take advantage of readily available renewable energy source, use revenues to offset sewer rate increases to rate payers and create a larger buffer towards Title V Air Permit requirements. The Energy Bill Audit will look for errors or irregularities in billings. Finally, the Granular Activated Carbon Regeneration Study will determine if constructing a new GAC Regeneration Facility would be cost effective.

**3. Chair's update on last EQAB meeting.**

None.

**4. Discussion of various approaches to funding public projects with private funds through any of several forms of public/private partnerships.**

None.

**5. Update by members of the Committee on upcoming events that might be of interest to the committee.**

Chair Dwyer informed the group he was unavailable to meet on September 9, 2009 so the meeting was moved to September 16.

There was a discussion about new member appointment to the EAC.

Energy Plan 2007 Update. There was a discussion about the Energy Plan 2007 status.

**Adjournment**

With no further business to discuss, the meeting adjourned at 9:02 a.m.

**SUBMITTED BY:**

Linda J. Butson, Facilities Management Director

*A recording of this meeting is available upon request.*