

Environment & Energy Commission

City of Columbia & Boone County

Daniel Boone Building, Third Floor Conference Room

Minutes of Tuesday, November 27, 2007

Present: Frank Cunningham, John Miles, Ted Dyer, Teresa Hunter, Jean Sax, Bob Walters, Barbara Buffaloe, Kip Kendrick, Dan Goldstein

Absent: David Brodsky, Alyce Turner

Guests: Dan Dasho, Water and Light Director; John Glascock, Public Works Director; Mary Ellen Lea, Manager of the Solid Waste Division; Norm Lenhardt; Dick Parker, Power Supply Task Force; Kay Hunvald, League of Women Voters; Cindy Dyer

City Staff Liaison: Stephanie Brown

1. Frank Cunningham called the meeting to order at 7:03 p.m.
2. Agenda. The agenda was approved with changes.
3. Minutes. The minutes were approved with changes.
4. Street Lighting Presentation. Dan Dasho, Director of Water and Light introduced Brad Grainger from Holophane, a lighting manufacturer, as the presenter. He gave an overview of the lighting process, giving reference to how the eye processes light and how that is taken into consideration when establishing and determining the most efficient light fixtures. He described the types of lights that are currently in use in the city and ones that will be replacements for discontinued fixtures, i.e. metal halide and high pressure sodium. Mr. Grainger said the difference between roadway and streetscape lighting is roadway lighting refers to the uniformity, glare and silhouette factors of the road. Streetscape refers to pedestrian security and day and night appearances. He said LEDs are not currently very efficient because of the excessive heat produced and the cost to cool the fixture. LEDs will become more prevalent as more research is done. Mr. Cunningham asked if Holophane would be interested in installing a few test LED fixtures in Columbia. Mr. Grainger indicated that Holophane already was testing fixtures in other cities.
5. Solar One and Quaker Oats. Mr. Dasho said Water and Light (CWL) has developed a program to install solar panels on Columbia businesses. CWL will purchase limited amounts of solar energy from those businesses and resell them in 100 kWh blocks annually to customers who volunteer to participate so CWL may recover their costs. Quaker Oats will install a 5 kw system on the roof of its building with a cost of \$35,000. Quaker will receive a 30% tax credit. Mr. Dasho said the goal is to have 1% of Columbia's energy coming from solar sources by the year 2023. A report has been sent to Council and the promotion to get customer involvement will begin after Council has approved the rate process possibly by February.
6. Power Supply Task Force. Mr. Dasho said the public meeting for the Integrated Resource Plan (IRP) for Columbia's energy sources will be November 28, 2007 at

6:30 pm in the Council Chambers. He said the purpose of the IRP is to map out how Columbia will get power over the next 20 years. Different plans will be available for viewing and one will be chosen to follow after public comments have been reviewed and considered.

7. Land Disturbance and Tree Ordinance issues. John Glascock, Director of Public Works, said the City Council has given direction to proceed with the development of a tree ordinance. He provided a map of the slopes of Columbia's land. He reiterated that any development that affects more than a one acre of land needs a permit and must conform to the guidelines regarding erosion, tree preservation, and storm water runoff. Mr. Cunningham said the current ordinance needs changes and that it should consider types of plants and how long they will survive. He also said the EEC should stay focused on the points submitted to Council. The tree ordinance subcommittee of the EEC will meet and repackage the tree ordinance materials.
8. EEC topics to focus on. Mr. Cunningham distributed the survey to rank the list of topics to those that did not receive them at the last meeting.
9. Letterhead. Ms. Brown spoke to Toni Messina, Public Communications Director, regarding the use of the new logo created by Bob Walters on the EEC letterhead. Ms. Messina said there were specific requirements on what the letterhead from a city department may contain. It was decided that the new EEC logo can not be used for the letterhead but as a logo for signs and flyers.
10. Comments. Ms. Sax mentioned the resource line 211, a free informational telephone line regarding city social services. Mr. Walters will work with Mr. Cunningham on the subject of the new elementary and high school location.
11. Upcoming Meeting Items. Terry Freeman of Columbia Water and Light will be a guest speaker at the December 18 meeting.
12. The meeting was adjourned at 9:15 p.m.

Prepared by: Stephanie Brown, City Staff Liaison