### **MINUTES**

# ENERGY AND RESOURCE MANAGEMENT COMMITTEE JUNE 20, 2007

**CALL TO ORDER:** Chairman McNelly called the meeting to order at 7:30 a.m.

**MEMBERS PRESENT:** Avera, Adamson, Lucero, McCormack, McNelly, Mitchell,

Petrella, Twineham

MEMBERS ABSENT: Roberts

**PUBLIC PRESENT:** Bruce Hostetter

**STAFF PRESENT**: Water System Manager/Assistant City Engineer Dave

Schickling, Acting Senior Planner Allen, and Clerical Support

Norton

**APPROVAL OF MINUTES:** Minutes of May 16, 2007 approved as written

## INTRODUCTIONS/ROLL CALL:

The Committee extended a welcome to new member Gus Lucero.

## **ACTION ITEMS**

a. None

## **DISCUSSION ITEMS:**

#### New Business:

b. Fullerton: Going Green – Bruce Hostetter

Mr. Hostetter spoke about a rating system for development called Leadership/Energy/Efficiency/Designs (LEED).

He briefed the committee on the US Council of Mayor's Climate Protection Agreement. The Agreement was started by the Mayor of the City of Seattle in 2005 in an effort to gain support for reducing global warming. By January of this year there were more than 300 mayors who have signed on to the Agreement and as of today the figure is something like 550.

The Mayor's Council will be creating the framework for a recommendation to the Federal Government after studying carbon trading and carbon caps at their annual meeting this week.

The goals that are established in the Mayor's Agreement depend upon the Federal and State Governments to enforce and help promote "best practices" so that cities can achieve their goals. Mr. Hostetter encouraged members to look at a website called "cool mayors." The website features other cities and what they are doing to fight global warming.

Energy and Resource Management Committee June 20, 2007

Mr. Hostetter mentioned a lawsuit that was initiated by the Attorney General Jerry Brown against San Bernardino having to do with lack of any provision dealing with the containment of urban sprawl. It relates back to Assembly Bill 32 relating to greenhouse gasses. Also the Sierra Club has initiated lawsuits in the State of California against Target, K-Mart and other big box retailers alleging that they are not observing these global climate restrictions.

Another website Architecture 2030.org was put together by an architect by the name of Ed Mesria who has done solar architecture for many years. For the sake of his granddaughter and future generations, he is getting architects and other organizations to come to terms with what is happening with green house gases in the planet.

What the U.S. Mayor's Climate Protection Agreement says is that those who sign the agreement take on the goal of reducing carbon emissions 7% below the 1999 levels, and that would be achieved by 2012. It is a very ambitious goal. Mr. Hostetter presented a chart of colored curves depicting different kinds of models that indicated where scientists believe carbon dioxide is going. As of the year 2000, you can see a rapid incline in the slope as we look at the relationship between the increase in green house gas emissions and the rise in the average temperature of the earth. If we get to 3 degrees at some point we have reached a point of no return.

Committee Member Petrella passed out copies of Seattle's Climate Action Plan, the U.S. Mayor's Climate Protection Agreement, and the Signature Page. She explained that when Seattle signed on to the agreement, the mayor impaneled a committee of leaders across the city and asked them to formulate a climate action plan. From there the committee came up with a final plan that Seattle would follow to meet their goals. It was a step-by-step process. Committee Member Petrella suggested that Fullerton sign the agreement and create an action plan.

Mr. Hostetter explained that once a city has signed the agreement there are five steps (milestones) to the climate campaign.

- 1. Conduct a baseline inventory of global warming pollutants, transportation, and water generators in your city. From the inventory come up with the goals;
- 2. Establish a target to lower emissions;
- 3. Develop a local climate action plan;
- 4. Implement;
- 5. Measure, verify and report (example: land use management and urban forestry, transportation, green power, energy efficiency, green buildings, water and waste water management, recycling, composting, and education).

The League of Cities has engaged in partnerships with businesses so that the business has the support of the city to reduce carbon emissions. Right now there are no tools to assist cities, however a handbook put out by the Seattle office called the Play Book is coming out in December. Fullerton might want to consider hiring interns or students to lower the cost of implementing the action plan.

Committee Member Petrella advised that the Protection Agreement (Resolution) is never changed

Energy and Resource Management Committee June 20, 2007

and how the City achieves their goals will be unique to Fullerton.

Committee Member McCormack said our number one objective should be to raise consciousness by collecting practical tools and presenting those to the City Council.

Committee Member Mitchell said that through our support, the word will get out to the people.

Mr. Hostetter stated the first thing to do is to establish a base line. Committee Member Twineham asked how baseline standards are measured. Mr. Hostetter answered that the base line is whatever your city is emitting. Starting now all of the buildings that are renovated or under construction should reduce their energy output and create an energy efficiency that is 50% greater than what it is now, and between now and 2030 we can go to net zero. Almost 50% of the contribution of green house gases is from building.

Committee Member Adamson said he is in total support of conservation plans, but remained skeptical about the whole issue of global warming. Chairman McNelly recommended that the discussion be continued to the next meeting since other members had comments, and due to the lack of time the Committee was not able to discuss those comments fully at this meeting. The Committee should have an action plan, set goals and move forward to Council.

c. Emergency Water Conservation Plan – David Schickling, Water System Manager

Water Systems Manager Dave Schickling reported that with very little rain last year, reduced pumping in the Delta, and the Colorado River in its eighth year of drought; people were becoming excited about water conservation. The City of Long Beach and the Los Angeles Department of Water and Power has issued a 10% reduction. Metropolitan Water District has started a \$6M campaign to get people to conserve water.

In 1991 an Emergency Water Conservation Plan was adopted and established. In 2003 a subcommittee was formed that made some changes to that plan. The plan has five phases enacted by the City Council based on conditions of the water supply. Phase I is a voluntary 10% reduction. In Phase II thru V you will pay more for the water as more is used. Schickling said the new plan would establish tiers in the single and multi-family homes if you go over you would pay more. He explained how the tiers work.

Committee Members Avera and Chairman McNelly asked how many years establish the base year, and how does Fullerton's plan compare to other plans. Schickling said the base year is established by looking at one year; Fullerton's plan is very similar to conservation plans in other districts. Committee Member Avera said why can't the average be established over a 5-year period it would take into consideration any changes in water usage such as filling or emptying a new pool. The plan does tend to penalize large families. Schickling stated that it is difficult to make the plan completely equitable.

The City has two new water conservation backups this year (Diamond Valley Lake and a ground water replenishment system coming on line in October). Schickling said it is not likely that the City would have to start conserving this year.

Chairman McNelly said that a copy of the Conservation Plan is available on line; he encouraged the Committee to 1) become familiar with the plan; 2) look over the marked up changes and 3) consider

Energy and Resource Management Committee June 20, 2007

whether a sub-committee should be formed. Committee Member McCormack thought that the Committee should have at least one group discussion before forming a sub-committee. Since July is typically dark, the Committee decided to discuss further at the August 15<sup>th</sup> meeting. A reminder would be sent out 2-3 weeks ahead of the meeting.

### **PUBLIC COMMENTS:**

None

## **COMMITTEE/STAFF COMMENTS:**

Committee Member Petrella who was concerned about how often to water her plants and grass received some suggestions and feed back from fellow Committee Members.

Committee Member Twineham inquired whether the City Council had appointed a replacement for Kevin Mathy who recently resigned. Staff said there were two applicants, but no one has been appointed.

Committee Member McCormack mentioned the he attended the City of Santa Fe Springs' 50<sup>th</sup> anniversary extravaganza and thanked Chairman McNelly for his part in participating by giving a composting workshop. Chairman McNelly spoke about how great the Going Green Forum was that he recently attended and would like to see more of those kinds of forums. He asked staff to make sure Fullerton Hardware has enough bins in stock prior to any planned workshops and that they receive thanks for storing and stocking the bins. He noted that the Orange County Sanitation District is raising their connection fees as of July 1, 2007 (OCSC-31). Some fees for Source Control Program (Industrial Waste Discharge) will be raised (OCSC-31). The average household is being charged 255 gallons per day per household for sewage collection. Flows are continuing to go down even though there are more people and more connections. Due to drought and low flows there is no ground water infiltration or leaky sewers.

Committee Member Mitchell noted that Jane Reiffer who uses only public transportation is offering a field trip using bus/train ride using only public transportation on June 23 or June 30. If anyone is interested in this field trip her telephone number is available.

The month of July will be dark
The next regular meeting will be held August 15, 2007

## **ADJOURNMENT**:

With no further business the meeting was ADJOURNED AT: 8:45 a.m.