



**Greenhouse Gas Energy Conservation Team
Meeting Minutes
February 9, 2012, 12:00 - 2:00 pm
City Council Chambers, 140 West Pine**

Members: Ben Schmidt, Brian Kerns, Ross Keogh, Alexander Sievers, Dan Daly, Amy Cilimburg

Members Absent: Julie Osborn, John Freer, Aaron Hanson

Others Present: Chad DeLong, Brent Campbell, Andrew Valainis, Chase Jones, Molly Garcia, Kyle Hanson, Emily Bentley

Facilitators: Susan Anderson (Sustainable Business Council), Kim Latrielle (Chamber of Commerce)

I. Announcements:

Mr. Schmidt said on Feb. 6th the City Council appointed Aaron Hanson and Amy Cilimburg to be the new GGEC Alternate members. Mr. Hanson could not attend today because of the short notice and other obligations. The new members will be formally introduced at the March meeting.

Mr. Kerns announced on February 17th to 19th, the UM is sponsoring an event known as "Power Shift" which is a student advocacy forum. The event is a regional event and it is known on a national level as well. There will be several keynote speakers and other interesting activities. It is a good event and anyone who is interested is welcome to attend.

II. Public comments on items not listed on the agenda:
None

III. Approve meeting minutes:

GGEC Minutes for February 9, 2012

The minutes for [December 8, 2011](#) were approved unanimously.

IV. Administrative:

A. Municipal Climate Action Plan Update

Mr. Keogh stated the committee continues to meet and are making progress. The agenda includes the following:

- The Municipal Climate Action Plan strategies will be finalized and a meeting will be scheduled with Mayor Engen, Bruce Bender and the Senior Management Team to discuss the budgeting process.
- A draft will be available for review on Thursday, March 1st and comments will be welcome.
- There will be a series of meetings with various staff and groups to gather additional information.
- The draft will be finalized and presented to the City Council for approval.

Mr. Keogh suggests the team meet and discuss what the GGEC's role is and how to participate in the action plan.

Mr. Schmidt agreed to schedule a meeting and mentioned he would like to request the GGEC subcommittee be redirected to the Public Works committee in place of the Conservation committee. He said when GGEC was created, the GGEC was appropriately placed, but the subcommittee has been moving in different directions and it seems more appropriate to correspond with the Public Works committee.

Mr. Daly – Inaudible

Mr. Schmidt clarified the GGEC March agenda.

1. Prepare lighting recommendations
2. Draft recommendations to redirect the GGEC subcommittee from the Conservation committee to the Public Works committee.

v. Non-Action Items:

A. Mullan-Reserve Street Project Update

Mr. Schmidt – No report at this time

VI. Action Items:

A. Elect GHGEC Team Chair and Vice-Chair for 2012

Mr. Schmidt stated it is time for the team to vote for the GGEC chair and vice chair positions. He asked Mr. Keogh if he is interested in chairing the subcommittee. Mr. Keogh stated he is satisfied with the current structure. Mr. Schmidt said he would like to continue chairing the meetings and asked Mr. Keogh if he is interested in the vice chair position. Mr. Keogh agreed.

Mr. Daly moved and Mr. Sievers seconded the motion to elect Mr. Schmidt to the GGEC chair position and elect Mr. Keogh to the vice chair position.

The motion passed unanimously.

B. Recommend that the City undertake an energy efficiency street lighting project.

Brent Campbell, WGM Group distributed a [Missoula Street Lighting Study Final Report](#) and conducted a presentation. The lighting project is part of an eight year infrastructure work plan for the Missoula downtown that began in 2004.

The objective of the downtown master plan is to improve the retail environment and provide safer living conditions for people who live in the downtown area, and the lighting is a large part of the plan. The lighting portion of the downtown project is estimated at \$5 million and is staged in three phases.

The City has an outdoor lighting ordinance that is intended to reduce light pollution and intrusion. The newly installed North Higgins street lights comply with the ordinance, but majority of the Missoula street lighting is not in compliance at this time.

Mr. Campbell discussed light fixture designs and lights, and noted LED lighting is more expensive, but they are the most energy efficient lighting source available. They are becoming more popular and the price is declining.

The goal is to install light fixtures that direct the light downward and create lighting that is more efficient and attractive to the store fronts. He discussed different levels of lighting for the residential and commercial areas.

Some of the existing light poles are wood and are old. They are in bad shape and will need to be replaced. Other poles are metal but it is difficult to replace the new fixtures on them, and they will need to be replaced also. The plan is to replace the poles with lighting poles that are decorative with an attractive appearance.

Mr. Campbell discussed cost comparisons and SLID assessments. They are currently seeking other funding sources to help finance the project. The LED fixtures cost \$500 more per fixture than a sodium vapor light, but they last longer and provide better lighting.

Chad DeLong stated Sustainable Efficiency, INC (SEi) is a distribution vendor who sells energy efficient technologies and focuses on LED lighting.

He said SEi is currently working at the Southgate Mall parking lot and is in the process of replacing all the light fixtures with LED fixtures. There are 75 new LED lights that have been installed and have been in use since April 2011. To date, the new LED fixtures have used 75% less energy than the sodium vapor fixtures.

Mr. DeLong said majority of the lighting products they offer does not require pole replacement. There are LED fixtures that can be installed to existing metal and wooden poles, and fixture parts can be replaced without replacing the whole fixture or pole. He mentioned Northwest Energy offers rebates on all of SEi's lighting products and the rebate amount is based on the project.

Mr. DeLong is an Energy Solutions Specialist and he offered his services to assist with the downtown lighting project. His contact information is 552-3418, cdelong@sei-solutions.com or www.sei-solutions.com 144 High Road, Hamilton, MT 59840.

Mr. Jones – Inaudible

Mr. Schmidt asked if the team is interested in presenting recommendations to the City Council regarding the downtown lighting project.

Mr. Keogh, Mr. Kerns and Mr. Schmidt volunteered to draft recommendations to present to the City Council.

VII. Adjournment:

The meeting adjourned at 1:14 pm

Respectfully submitted,

Kelly Elam

Kelly Elam
City Clerk Office