

## **Renewable Energy Committee**

Thursday, September 20 – 3:00 P.M.

Polk County Government Center, County Board Room  
100 Polk Plaza, Balsam Lake, WI 54810

- Call to order
- Approve agenda
- Approve 7/19 minutes
- Public comments
- Short term project updates
  1. LED lighting project update- Tom & Debbie
  2. Alternative fuel vehicles- Timm
  3. Alternative hot water for Justice Center- Jay & Debbie
  4. Other projects?
- Member comments
- Set next meeting date
- Adjourn

(Agenda items may not be presented in this order)

This meeting is open to the public according to Wisconsin State Statute 19.83. Persons with disabilities wishing to attend and/or participate are asked to notify the County Clerk's office (715-485-9226) at least 24 hours in advance of the scheduled meeting time so all reasonable accommodations can be made. Requests are confidential

**RENEWABLE ENERGY COMMITTEE**  
**Polk County Government Center, County Board Room**  
**Polk County Plaza, Balsam Lake, Wisconsin 54810**

**Minutes of September 20, 2012 Meeting**

Chairman Timm Johnson called the meeting to order at 3:05 p.m.

Present were county board supervisors Tom Engel, Jay Luke and citizen members Marlin Baillargeon, Joe Cronick, and Dave Mueller. Kathryn Kienholz, board supervisor, and citizens Gary Dado and Greg Westigard were absent. Also present was Tim Anderson, Polk County Planner, Deb Peterson, Property Director and John Hoogenhous, American Lighting Systems, Inc.

**Motion by Luke/Baillargeon to approve the agenda; carried by voice vote.**

**Motion by Engel/Mueller to approve the minutes of the June 19, 2012 meeting; carried by voice vote.**

**Public comments:**

None

**Annual Report:**

Tim Anderson presented the committee's annual report that he and Gregg Westigard prepared.

**Motion by Baillargeon/Luke to approve the report and to submit it to the county board; carried by voice vote.**

**LED Lighting proposals:**

Tom Engel introduced John Hoogenhous from American Lighting Systems who made a presentation for a LEDtronics shoebox style LED parking lot replacement light fixture. John displayed and made a LED lighting proposal for the Justice Center parking lot lights. The preliminary ROI for this project is  $\pm 3$  years. Debbie Peterson and Tom Engel to finalize the project installation cost details and then present the project to the Property committee.

**Alternate Fuel Vehicles:**

Timm Johnson reported that Kwik-Trip has been given the results from the fleet usage surveys that he received from Steve Warndahl and Osceola school and city.

**Justice Center and ADC Energy Usage:**

Deb Peterson had to leave early, so Tom Engel distributed the Justice Center Water Heating Evaluation received from Craig Tarr, PE, at Energy Concepts, Inc. after he completed a preliminary site visit with Deb Peterson, Butch Karsan, Dean Reed and Tom Engel on August 14<sup>th</sup>. Craig Tarr, after touring the penthouse and west furnace room, proposed to install 2 new very small hot water boilers to supply the domestic hot water needs for the kitchen, laundry, and jail.

Craig estimates that the electricity to presently run the 20 HP of pumps 24/7 can be reduced by 50% or a potential electrical savings of \$6,400± per year plus additional natural gas savings to be determined in Craig's final schematic report.

**Motion: Luke/Baillargoen to recommend and forward the Energy Concepts, Inc. evaluation to the Property Committee; carried by a voice vote.**

**Waste oil furnace at the recycling center:**

Marlin Baillargoen offered a waste oil preheat furnace in a semi-permanent shipping container concept as a way to simplify the installation and reduce the project cost. MB and TE will develop the concept further and bring back to the next meeting.

**Membership:**

Dave Mueller was appointed to the committee at the September 18<sup>th</sup> county board meeting.

**Members Comments:**

Timm Johnson reported on the Performance Service Center evaluation to be conducted at the Osceola schools.

Next meeting of the Renewable Energy Committee will be Thursday, October 18th at 3 p.m.

**Motion by Luke/Baillargoen to adjourn; carried by voice vote.**

**Adjourned at 4:55 p.m.**

Respectfully submitted,  
Tom Engel,  
Secretary