

City of St. Peters Green Environmental and Solid Waste Advisory Committee Meeting Minutes APRIL 1, 2009

CALL TO ORDER:

The meeting was called to order at 5:00 p.m. at St. Peters City Hall Community Conference Room

IN ATTENDANCE:

Joshua Davis, Vince Kuhn, Susan Niederberger, Tom Ochsner, Alderman Tommy Roberts, Britt Teece, Ron Darling, HES Manager, David Kuppler, HES Director, Debra Knoble, HES Office Specialist, Absent – Kristie Freed, and Angela Maniaci.

WELCOME:

Speaker welcomed and introductions performed.

ENVIRONMENTAL UPDATES:

- Community Garden –Need to work with homeowners association or group, 2 groups interested, City will aid but not run.
- April 2009 Upfront – Several environmental articles.
- National Geographic Solutions – Solar/Wind Solutions.
- Nitrogen in Tires – First City vehicle is up and running.
- Wind Energy Workshop, April 8, SLCC, Flo Valley.
- EDC, Alternative Energy Jobs.
- Summary of Incentives.
- Federal Tax Credits.
- What Appliances are covered.
- Sierra Club Cool Cities <http://www.coolcities.us/>.

GUEST SPEAKER:

Steve O'Rourke, Operations Manager, The Energy Savings Store

Discussed solar energy as renewable energy source:

Energy efficiency can be accomplished in the following areas:

Lighting

Insulation

Appliances

Benefits of renewable energy.

Solar Energy Types.

Solar PV – using sunlight, most expensive.

Solar Thermal – heating water/air.

Use of types of panels /tiles using integrated solar so shade structures can collect sunlight.

Solar Outdoor lighting.

Advantages of LED's vs. conventional (high pressure sodium) lighting.

No Trenching.

Only need to change bulbs every 15 yrs. vs. 3 yrs.

Use with emergency call systems, lighting systems.

Solar Thermal Water or Air combined heat & power.

Radiant Floor Heating.

Pool Heating.

Solar Wall Systems payback in 3 -5 years.

Resources: US Green Building Council: <http://www.usgbc.org/>

US Department of Energy – Energy Efficiency and Renewable Energy; <http://www.eere.energy.gov/>

GENERAL DISCUSSION:

- CIP more walkable/bikeable City.

Discussed the cost of building sidewalks on Kimberly as compared to striping; can stripe 4 main arteries for same cost it would take to make one sidewalk. City has approved \$4,000 for additional narrowing road striping like that used on Timberidge Dr. to aid walking as an alternative to sidewalks.

CITY ACTION PLAN, ECONOMIC DEVELOPMENT

- Green Job Incentives and Recruitment.
- Task force for sustainable jobs in the City came up with action plan to entice green business.

The Green Environmental Committee was encouraged to come up with a list of businesses for the City to contact for recruitment in locating within the City of St. Peters. The City has new business park opportunities. Claire McCaskill has indicated support of lobbying for businesses to move to the Midwest. The Green Team can get involved by providing list of target businesses. EDC and the realtors that are developing the project are involved, property infrastructure is ready and we need promotions to attract green businesses. Potential incentives noted included free nitrogen for tires and reduced trash rate for business' that recycle. EDC is thinking about a satellite Green business incubator building to attract new green business. EDC perhaps could partner with the City to use an existing building (i.e. current Community Arts Building).

Energy savings projects were discussed such as flood-proof, disconnectable, and removable solar lighting at the new 370 Park. Other projects might include a hybrid trash truck powered drive train, solar heating the Rec-Plex pool, and modifications to the new Justice Center or new HES Operations Building (easier to incorporate into new buildings).

DOE BLOCK GRANT

The City of St Peters has been awarded a \$512,800 grant thru the American Recovery and Reinvestment Act of 2009. Additional funding is also available thru DOE from competitive grants. The time frame is short to make recommendations, which will be prioritized and submitted by a City Department Block Grant Team to the City Administration and Mayor for BOA approval.

PARKS RECYCLE CONTAINERS

Vince presented a recycle container prototype for Parks. Discussion of signage for container, opening size, and ability to lock but still be easy to open. Need large bags (perhaps green transparent). May be able to enlist help of high school shop groups to build. Cost of about \$50.00 per container looks attractive compared to \$400-\$1000 for commercially made containers. Still investigating a "green" combination sticker/bumper sticker. Parks has to approve container design since they will be picking them up. Suggestion: Recycle Rangers or community volunteers to collect recyclables from parks containers and transport to Recycle City (save money and City resources).

NEXT MEETING:

Wednesday May 6, 2009, 5:00 p.m. at St. Peters City Hall Community Conference Room.

- Wind
- Energy Block Grant
- Green Jobs

ADJOURNMENT:

Meeting adjourned at 6:45 p.m.

Minutes submitted by Debra Knoble.

Signed:

Chairman