

Marshfield Energy and Climate Change Committee  
Plainfield Energy Group  
Notes of January 12, 2012 Meeting

Attending:

Anne Miller, Rich Phillips, Joel Trupin, Nick Seifert, Ed Hutchinson, Bob Atchinson, John Morris

Convene: 7:10 PM

Adjourn: 8:35 PM

Business:

- 1) Nick Seifert was introduced as a new member. Rich will recommend appointment to the Select Board
- 2) Twinfield Update:
  - a) There is about a 35 kW power use at night and on weekends which seems very high. There will be a sleuthing session on January 17<sup>th</sup> to try to identify what makes up this 35 kW and see if it can be reduced. The sleuthing group will include several experts along with school facilities people, students, teachers and committee members
  - b) The home energy visit program funded under the VECAN grant is being prepared for implementation. Paul Markowitz has trained eight students. We still need to get homes signed up for this program. The program has been explained more than once in Field Notes. Sign-up sheets were given to each student for their parents. Only two were returned. We expect to provide smart strips, pipe insulation, low water use showerheads, light bulbs and maybe programmable thermostats.
  - c) New bids have been received for the roof project. The project has been split into “elementary” and “high” It appears that the bids prices will allow the complete correction of the faulty sealing and insulation design in the elementary and the new high school roof (not the air sealing necessary in the high school
- 3) Streetlights:

Rich, Joel and the Trustees walked the Village at night to see what lights might be eliminated. We found only one that could go. The Village is generally under lighted. The Trustees have decided to go ahead with the LED lights. They will not save a significant amount of money but will give much better light. The Trustees agreed that even though there was little savings they could help in the energy saving area without spending more. Rich and Joel will borrow a light meter from EV and measure the existing light levels. Then a package of documents will be submitted to EV and the Village can make contacts with GMP to initiate the installation
- 4) Potential Solar Project:

For several months we have been discussing how to further engage residents in energy discussion, goal setting and reduction projects. As one method, we decided to begin developing a community solar project and seek resident involvement in the planning. We would begin roughing out the design and cost (including local costs) of two different projects. One project is solar at OSC to serve Marshfield municipal buildings. The other project is solar at Twinfield, owned by Twinfield, Marshfield and Plainfield (probably two trackers for each municipality). Once we have some very rough designs, implementation options and costs, we would call a meeting to get input from the communities.

Ed, Anne and John agreed to work on this project. On the financing part of the project, it will be important to see how the town can achieve the equivalent of the 30% federal income tax credit individuals and businesses can access