

Deerfield Energy Resources Committee

Minutes for May 6, 2011

Meeting called to order at 2:45 PM

Present: Amy Gazin-Schwartz, Jay Stryker, David Gilbert Keith, M.A. Swedlund

Agenda: Energy Reduction Plan: Idling and Street Light Policies, Priorities for Energy Goals

M.A. reviews energy saving alterations Don Chapell has already made at the South Deerfield Wastewater Treatment Plant [WWTP] since 2002. With new pumps, new on-demand water heaters, and other significant modifications, he has vastly improved energy efficiency already. Although these modifications mostly predate our baseline year, they can be “background narrative” to show Deerfield’s commitment to reducing energy use. Similarly, savings projected for new DPW garage can only count as narrative. Changes since FY 2009, though, can count toward our 20% target for reductions. So heat pump, boilers, and insulation can count.

M.A. offers to get all those (narrative) savings converted into MMBtus from dollars.

Amy reports WMECO is willing to do essentially whatever we want on streetlights. They can even turn off selected lights at midnight. They will swap bulb types, but it will probably be cheapest if we do that as existing bulbs burn out.

M.A. reports that Bob Lesko of Frontier’s Physical Plant has some great ideas for ways to improve efficiency beyond those already proposed by Siemens. WMECO is also willing to do additional energy saving modifications.

Votes:

1.) Idling policy: David moves that we vote to recommend to the Select Board that they adopt the Town of Deerfield Idling Policy (see attached). Amy 2nds. Passed unanimously.

2.) Street light policy: Jay moves that we recommend attached Street Light policy to the Select Board. Amy 2nds. Passed unanimously

3.) Priorities for Further Savings:

Background: our base year (FY2009) total energy use was 13,207MMBtus, so 20% = 2,641.4 ESCO savings total 1,627MMBtus: we need to come up with additional 1,015MMBtus.

David moves that we adopt the following order of priorities toward that end. Jay 2^{nds}. Passed unanimously.

- 1) Roof replacement at Deerfield Elementary School
- 2.) Street light modifications
- 3.) Deerfield Elementary School door replacement
- 4.) Wastewater Treatment Plant: Drop ceiling and insulation in office/lab space.

- 5.) Sealing air leaks and replacing glass in doors in same space at WWTP. (All at So. Deerfield plant)
- 6.) Insulate garage roof at WWTP (which is a heated space to stay prepared with warm batteries and pumper truck to back up in a power outage).
- 7.) Air sealing in senior center.
- 8.) Submit as narrative proposed savings at new highway garage, work by Don at WWTP that he did between 2002 and 2009 that resulted in very significant energy savings before the baseline year.

Meeting adjourned 3:40 PM.