

Renewable Energy Task Force (RETF)

(The charge from the Select Board: Explore renewable energy as an alternative to, or in tandem with, conventional energy to benefit town facilities, infrastructure or otherwise benefit the community as whole; to evaluate renewable energy applications, options and costs; to identify feasible projects and associated costs; and to report to the Town Manager and Select Board your findings and recommendations for funding and implementation.)

Minutes of the meeting of November 16, 2007

Members present: John Hoagland, Dean Kavanagh, Dick Kmetz, Jerry Nolet, and Roger Wojcik

Members Absent: Paul Santaniello

Invited Guests: Ken Nielson, AccuAireInc (mechanical contractors); Jim Smith and William Keezer, Earth Source (equipment manufacturers); Adrian Phaneuf, Facilities Director, Longmeadow

In the Gallery: No one

The meeting was called to order at about 11AM.

The minutes of the October 29 meeting were approved as written.

New Business:

Jim Smith briefed us on the concept of obtaining heat from the ground using DX technology (a direct exchange system). From the discussion which followed it appeared that their experience was in home heating; they were new in the business; they were trying to get a business concept off the ground, and they have started to talk to the State DEP about their technology in order to get either DEP support of the application of their technology as green or to get DEP approval to use this technology in Massachusetts. Except for the rules of thumb that 1 horsepower of energy input will yield about 4 horsepower equivalent of heat output and that paybacks of from 3 to 7 years could be expected, the discussion yielded little information about this technology, yielded little about their specific experience, gave no description of a typical application and yielded little about the cost/benefits of this technology. The closest installation of this technology is a home in Rye , NH.

Adrian Phaneuf agreed to give the visitors a tour of the high school pool.

Old Business:

Status of the work to define a solar heating system for the high school pool.

The first measurements of the thermodynamics of the high school pool have been taken and the second set is scheduled for Thanksgiving weekend. See emails from Kavanagh.

Status of the work to define a demo solar powered security lighting system for Glenbrook.

Jeff Clearwater of Village Power Design is preparing a proposal for a 9.8kw solar/PV system for Glenbrook and should have something for us by end November.

The Task Force agreed to meet next on December 14, 2007 at 11am.

The meeting adjourned about 12:30 am.

Minutes submitted by Roger Wojcik.