

## **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 December 14, 2007

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

Members Absent: John Hoagland and Paul Santaniello

In the Gallery: No one

The minutes of the November 16 meeting were approved as written.

#### Old Business:

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

Dean Kavanagh reported that the pool cool down study was completed. Based on the data collected, calculations indicate that swimming pool heating costs should be in the range of \$8000 to \$17000 per year.

Dick Kmetz indicated that Ken Nielsen of AccuAire Inc will propose a solar heating system for the pool based on DX geothermal technology.

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

Dick Kmetz agreed to explore with Adrian Phaneuf the cost savings potential from changing the security lights around the schools in town.

Status of the work to define an energy saving street lighting project for the town.

Roger Wojcik will inform the Capital Planning Committee of our proposed capital project based on energy conservation through the purchase of the town's street lighting system from WMECo. Thom Martens has indicated that he is ready to work with George Woodbury to develop an energy conservation street lighting project

Status of the work to conserve energy by installing LED light assemblies in the town's traffic lights.

It was reported that WMECO will reimburse 50% of the installed cost of this changeover. Only the red and green light assemblies will be replaced as the yellow lights don't stay 'on' very long. The portion of the installation cost to be

paid for by the town is already budgeted and the changeover is scheduled for early 2008.

New Business:

Feedback from the 2007 Massachusetts Smart Growth Smart Energy Conference on December 7<sup>th</sup>.

Roger Wojcik reported on the Massachusetts Smart Growth Smart Energy Conference held in Worcester on December 7<sup>th</sup>. 1000+ in attendance with the kickoff speaker being Ian Bowles of the Executive Office of Energy and Environmental Affairs. Numerous seminars covered such subjects as the use of geothermal energy, energy conservation, solar/PV systems in Massachusetts schools, etc. Of special interest was the concept of performance contracting energy conservation or renewable energy projects. Performance contracting is an arrangement where a third party project management firm takes on a capital project for a client which has definable (energy related ) goals and guarantees to deliver an agreed to performance result. This same project engineering firm funds the project and reimbursement of this funding comes from the energy savings that is project related.

The Task Force agreed to meet next during the week of January 9<sup>th</sup>.

Minutes submitted by Roger Wojcik.