

**Warwick Buildings & Energy Committee
Annual Report for FY '10**

The purpose of the Warwick Buildings and Energy Committee is to assess town buildings and maintenance needs, research options for the select board and Warwick citizens to encourage efficient energy consumption and optimal maintenance of town properties, and encourage Warwick townspeople's own efforts in renewable energy production and carbon footprint reduction.

The committee was established by the Selectboard on December 4, 2006, as an ad hoc Town Buildings Committee. In May of '07 it began to meet as the Buildings and Energy Committee. The Selectboard voted on June 30, 2008, to make it an official town committee with six members appointed for staggered three-year terms. Currently, the committee meets at 6:30 p.m. on the 3rd Wednesday of the month.

Members, as of the end of FY '10 are:

Janice Kurkoski '11 – chair

Steve Kurkoski '11– scribe

Jim Toth '13

Jack Cadwell'12

Dan Dibble'13

Les Goodman'12

Barbara Walker – liaison to the school

This year, we worked mostly on the town hall and the Warwick Community School.

Warwick Town Hall:

In July we solicited bids to air seal and insulate the town hall. In August, the chosen contractor air sealed various chases in the attic, added loose cellulose, then dense-packed the empty wall cavities.

In the previous year, we had determined that a small photovoltaic system would be the best use of the money in our town's Clean Energy Choice fund – \$5,915. Pros and cons of various sites were discussed, but we all agreed the Town Hall would be the best site, with good orientation, visibility, and educational value. With the CEC funds and Commonwealth Solar rebates combined, Warwick would get a 1.2KW system installed for free! Committee members then built a walkway in the attic to facilitate the installation.

In October and December, we held two more "Town Hall Work Days".

Volunteers made and installed more winserts for the offices, finished the beautiful curtains in the main hall, did more air sealing in the basement, installed flashing around kitchen chimney, closed up fresh air vents in dining room, main hall and at the chimney top, and replaced the broken stair tread in bathroom lobby, etc.

In February, new heavy duty storm windows were installed in the town hall offices.

The committee also recommended that the selectboard request Town Meeting to appropriate the funds for the following: chimney repair/removal, full re-roofing, new storms on the remaining windows, and phase 1 of window sash restoration. Annual Town Meeting voted \$52,170 for the above work.

Warwick Community School:

As of December, there was still no news on the investment grade audit to be done by Siemens. We decided to find our own performance contractor and recommended that the selectboard request the funds to proceed at town mtg. The town then purchased and deployed 10 data loggers at the school to collect temperature data. Annual Town Meeting voted to appropriate up to \$10,000 for the building performance audit of the Community School.

General:

In mid-summer, the selectboard voted NOT to apply for technical assistance to become a “Green Community”. Issues involved with “as-of-right siting” and “expedited permitting” were the two biggest reasons for the board’s decision. However, as for the other elements of a Green Community designation, we were ahead of the game with benchmarking our buildings and our conservation measures so far.

Needs still to be addressed:

Warwick Community School – building performance audit

Fire station, Police station, and Library - possible air sealing and additional insulation

Highway Dept – better insulation or heating system for the equipment garage

Town hall - more winserts and new storm windows for the main hall; elevator issues: the car light on, building heat loss through the elevator shaft ventilation ducts, and heating of the hydraulic oil.

We continue to track oil and electric consumption using the EPA’s Energy Star Portfolio Manager and the new MASS Energy Insight on-line program. See the charts below.

