

# Wallingford School Roof Building Committee

Mark T. Sheehan High School, 142 Hope Hill Road, Wallingford, CT 06492

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## Minutes of Meeting

**September 21, 2011**

**6:30 p.m.**

**Media Center/Library**

**Mark T. Sheehan High School**

**In attendance: John Lynch, Tim Keogh, Bob Prentice, Vinny Ianuzzi, Mike Brodinsky, Gene Torone, Dave Stein, Chris Pisani (at 7:13 p.m.), Larry Zabrowski, and Marc Deptula.**

**The meeting was convened at 6:37 p.m.**

**Mike reviewed the meeting with Sunports on August 30 and September 19, 2011. Others did, too. No one had a favorable impression. Among other comments, Mike said that the financial information, the basis of the term of the paybacks, the basis of the energy savings, and basis of the total costs were not as precise as was expected or needed. Dave S. indicated that there could be hidden costs to relocate systems in the roofs to make way for roof penetrations required by light harvesting units. Additionally, he said that the units themselves are more likely to leak sooner than a roof with a 20-year guarantee (the units have a 10-year guarantee only). He said that he could look at limited applications for light harvesting units and present ideas.**

**Mike made a motion, seconded by Larry, that the Committee discontinue looking at light harvesting as a general application, and that the Committee authorize Dave to suggest some light harvesting options in the schematic presentation that would be very limited in**

**scope and located in select, common areas only. Passed unanimously.**

**Mike reviewed the staff-level meeting at the PUC conference room on 9/19 attended by Mike Cassella from CMEEC, Dale Hedman from the Clean Energy Fund, George Adair, Rick Henderschott, Dr. Menzo, Dave Stein, John Lynch and Mike B.**

**The thinking at that meeting was that a solar array on a roof would be reimbursable at 50% as part of the school roof grant, but that no other funding sources could be identified. Any money from CMEEC would be offset by a corresponding reduction in our State grant. Even with that 50% grant, usual paybacks could be in the 15-year range depending upon the cost of the solar panels. Efficiency of the solar panels diminish slightly over time --- ½% per year. Dave could estimate costs to install solar units which would be based upon size. We might get favorable pricing because of general economic conditions. The return would be energy savings.**

**After a group discussion in which all present supported some solar installation on the roofs, based in part on the educational benefit that should be derived, Mike made a motion seconded by Larry, that Dave identify selected areas on the roofs that would be most appropriate for solar panels, and that these options would be included in the schematic presentation. Passed unanimously.**

**Dave said that the Committee should make a decision on all schematics by mid-November. The Committee should be ready to bid roofing contracts by about February 1.**

**The Committee discussed characteristics of roof materials including the hot tar required for the modified 2-ply built up system. After hearing about the obnoxious smells inherent in that process, Mike and others agreed that could mean a disruption of school operations for a limited time. Dr. Menzo would need to be a part of that decision on the materials, therefore.**

**The committee discussed the meeting on October 6. After that discussion Dave said that it might be possible to make some decisions on some of the materials then. On October 19, Dave will present schematics on all the schools and the Committee should make decisions on recommended schematic designs for the first five schools on that night. It will be a very long meeting.**



**Draft mintes prepared on 9/29/11 by Mike Brodinsky.**