

MONTROSE AREA SCHOOL DISTRICT
ENERGY AD HOC COMMITTEE MEETING
ADMINISTRATIVE OFFICES
MEETING DATE NOVEMBER 24, 2009 4:00 P.M.

Chris Tripp, Chairperson

Energy Ad Hoc Committee Meeting

November 24, 2009 Meeting began at 4:00 PM in the Administrative Offices of the Montrose Area School District.

Ad Hoc Committee Members present included Leo Purtell and Rich Niederberger

Administrators present included Mike Ognosky, Chris Tripp (Energy Manager) and Craig Owens

Board members present included Chris Catterson

OLD BUSINESS:

Update on Current Initiatives: The following items were discussed regarding current initiatives recommended by the Committee:

- **HVAC Projects:** The current HVAC projects at the three school buildings are 90 % complete. Air Temp will have a few rooms to tie into the Automatic Logic System at Choconut Valley and will do that work over the Thanksgiving break as it is work that can't be done while the room is occupied. Air Temp will also be completing the installation of the Carbon Dioxide sensors in the gymnasium over the Christmas break.
- **Installation of the wind gauge @ JSHS:** Equipment should be on site and installed during the week of December 7th. Data reception will be immediate with the installation.
- **Lights in the Gymnasium:** Rickie is in the process of getting quotes for the changing out of the light fixtures in the 3 main gymnasiums (one in each building) from the current high sodium lights to the high bay T-8's. He will get that information to the Energy Committee at our next meeting and, based on that information, the Committee will decide on a recommendation for the Board to consider. We made that change over in the auxiliary gym at the High School and it has worked out very well.

NEW BUSINESS: The following items of New Business were discussed at the meeting:

- **Univent Retrofits in the Junior-Senior High School:** With the completion of the first wave of univents in the High School this past summer, the projection is to move to phase 2 of that change out next summer. That would include upgrading the univents in the Industrial Arts area, Music area, Main Office, Guidance and Nurses' Office area, and the entire Junior High wing. Consideration should also be given to adjusting the auditorium and cafeteria so that they are an independent area for control. They are the two areas that are utilized by the community off hours and as of now when we adjust the heat there it also adjusts the heat in a large classroom area, causing unnecessary heating costs.
- **Motion Switches:** Mr. Clapper has purchased 50 motion switches out of his current budget and they will be installed in key locations throughout the High School. The plan is to place them in bathrooms, storage areas, copy rooms, conference rooms, etc. These are key areas that Chris Tripp has identified as rooms where lights remain on unnecessarily. We currently utilize those switches in the bathrooms in the Cafeteria and that has met with success.
- **Potential Kitchen Equipment Purchases:** Mr. Catterson reviewed the proposal by Ms. O'Malley to upgrade her equipment in all three kitchens. He explained that the plan does call for the utilization of Energy Star equipment.

- **Discussion of the current school vehicle fleet:** The Committee suggested that a study be completed regarding the current utilization of the school vehicles in the hope that when a replacement is next required the potential of replacing another school van with a more energy efficient vehicle be possible as was done with the last purchase. Mr. Ognosky will put that study in motion immediately.

OPEN FORUM:

Leo Purtell asked about the progress made with the replacement of the current hot water tank at Choconut Valley. Chris Tripp responded that in discussions with Rickie there was still a question regarding the total service requirements on that tank. Rickie will report back to the group regarding the specific areas that the tank serves so that we can better identify the size of a replacement option.

Mike Ognosky explained that the district received a request this week regarding the potential for Seismic testing on the acreage at Choconut Valley. A number of issues were discussed in regard to the logistics of such a testing and it was suggested that the District run the request past Mr. Jordan, who has assisted the district on the leasing issue throughout our process.

Chris Tripp then took the group on a tour of the High School reviewing the changes that have been made in the past year in the classroom univents and boiler room. At the conclusion of the tour, the meeting was adjourned.

Meeting adjourned at 5:20 PM

Mike Ognosky