

Energy Committee minutes  
February 4, 2009

Begin 6:00 pm

Members in attendance included: Michaela Steele, Rich Niederberger, Chris Tripp, Rickie Clapper, Chris Catterson, Leo Purtell, and Tom Syle.

Others in attendance:

Wind Study- AirRevolution from Lancaster conducted an Onsite Comprehensive Study which gave general wind potential, evaluated site features, and recommended tower height and characteristics. They may be able to use the existing tower for a 1 year study which would save money. The next step is to get a direct quote for a wind study using an anemometer for 1 year. An Alternate Energy Credit Act may become available in which the electric company buys credit for 4 and a half cents/ kw hour (currently only 1 cent/ kwh) and then trades the energy on the market.

Choconut improvements- The light changeover will be easier and less costly than previously estimated. Rick plans to change the current T12 (86 watt) over to T8 (57 watt) which will give an approximate 30% savings. New York has recently switched to T5 and Rickie will get more information before the switch this summer.

The front barrier doors will be installed and are estimated to be \$15,000. This will provide a buffer helping to seal the building envelope and also provide a much needed wind break in that area.

Heat- Lathrop Street's heat control system will need to be changed to the same system as the other buildings (Airtemp). It is estimated to be around \$10,000- \$12,000. The timing is off on the current system at Lathrop Street causing heat issues.

There have been issues with the heat in all the buildings. The inconsistency is due to the room location in the building, the outside temperature, the thermostat placement on the outside walls, and insulation problems. All of these issues are being further looked into.

Rickie will get a quote from Airtemp on adding the zoning loops to our energy management system, starting in the high school.

Rickie has also received information on replacing or upgrading the univents in the high school. There are around 90 units currently. Replacement cost would be approximately \$4,500- \$8,000/ unit. Upgrading would cost around \$3,000/ unit and new parts are estimated to be \$1,200- \$1,500/ unit. The labor would be time costly, about 1/ day.

Meeting adjourned at 7:20 pm. Next meeting scheduled for February 25, 2009 at 4:00 in The Administration Building.