

**PROPERTY MEETING
AGENDA**

Monday, November 14, 2011
After Work Session
EDUCATION CENTER

1. * Replace Roof – Part 2 for Middle School and Cumru
2. * CHP Project – Use of Turbines to save energy at High School and GMIS
3. Receive proposals for an Infra-red scan on High School envelope. Will show if energy is being wasted through openings in the walls and windows. Estimated cost \$5,000.
4. Upgrade Telephone System from regular “Potts lines” to ISDN Primary Rate Interface delivered over T-1 circuit. Cost \$9,458. Savings per year - \$6,000.
5. E-Bay – permission to sell a mat mover and a portable basketball hoop.

* Attachments

Roof Level/Condition	Sq. Ft.	Year Install	Roof System	Year				Comments
				2011	2012	2013	2014	
<input type="checkbox"/> Category 1 - Replace Early Cumru ES- Roof B	2,400	unk	Ball. EPDM	\$72,000				
Cumru ES- Roof E	4,300	unk	Ball. EPDM	\$94,600				
Cumru ES- Roofs F and G	17,200	unk	Ball. EPDM	\$378,400				
<input type="checkbox"/> Category 2 - Replace Delay Middle School- Roof A	13,100	unk	Ball. EPDM	\$288,200				
Middle School- Roof B	7,800	unk	Ball. EPDM	\$171,600				
Middle School- Roof C	5,800	unk	Ball. EPDM	\$127,600				
<input type="checkbox"/> Category 3 - Restore Early								
<input type="checkbox"/> Category 4 - Restore Delay								
<input type="checkbox"/> Category 5 - Repairs Required Middle School- Roofs A, B, C				\$5,000				Miscellaneous repairs to keep roofs watertight until 2012.
<input type="checkbox"/> Category 6 - Good Condition Governor Mifflin High School	181,100	2007-8	Cold BUR					
Middle School- Roofs D and E	21,000	2010	Cold BUR					
Middle School- Roof F	800	2010	Cold BUR					
Middle School- Roof G	1,400	2010	Cold BUR					
Middle School- Roofs H and I	16,400	2010	Cold BUR					
Middle School- Roof J	18,500	2010	Cold BUR					
Middle School- Roof K	1,800	2010	Cold BUR					
Middle School- Roof L	800	2010	Cold BUR					
Middle School- Roof M	3,300	2010	Cold BUR					
Brecknock ES- Roof A	14,000	2010	Cold BUR					
Brecknock ES- Roof B	4,100	2010	SRC / EPDM					
Brecknock ES- Roofs C, D, & E	14,000	2010	SRC / EPDM					
Brecknock ES- Roofs F and G	14,900	2010	SRC / EPDM					
Brecknock ES- Roof H-A	800	2010	SRC / EPDM					
Brecknock ES- Roof H-B	400	2010	SRC / EPDM					
Brecknock ES- Roof I-A	2,800	2010	SRC / EPDM					
Brecknock ES- Roof I-B	1,330	2010	SRC / EPDM					
Brecknock ES- Roof J	5,300	2010	Cold BUR					
Cumru ES- Roof A	6,000	2010	SRC / EPDM					
Cumru ES- Roof C	3,100	2010	SRC / EPDM					
Cumru ES- Roof D	8,700	2010	SRC / EPDM					
Cumru ES- Roof H	17,400	2010	SRC / EPDM					
Governor Mifflin Intermediate Sch.	80,600	2009	Cold BUR					
Mifflin Park ES	40,000	2009	Cold BUR					
<input type="checkbox"/> Preventive Maintenance								

Roof Level/Condition	Sq. Ft.	Year Install	Roof System				Comments
			2011	2012	2013	2014	
<input type="checkbox"/> Services TRACE Cores Thermocore Tremsource Tremcare							
Total	509,130		\$550,000	\$587,400	\$0	\$0	\$0
			Grand Total				\$1,137,400

CHP Project

The following information is needed before Governor Mifflin proceeds with the project.

1. The KW demand that the CHP project will reduce needs to be determined. This is necessary in order for the district to calculate the potential financial obligation that may occur if the Turbines are down and our KW charges increase.
2. The financial savings calculations must be redone. The electric costs for the unforced capacity charges have decrease by approx. \$2,000 a month at the high school. The cost of natural gas will increase by \$2.00-\$3.00 per MCF due to changes by UGI Corporate in 2012-13. Therefore the original calculations are incorrect. Once the new calculations are completed there is a possibility the savings will be minimal the first several years. If so the district would need to decide if going green with minimal savings if an option.
3. The heat recovery portion of the CHP project needs to be reviewed in light of changes made by GM over the last year in its efforts to conserve energy.
4. The financing portion of the project needs to be reviewed. There are two options from third party companies that need to be analysis.