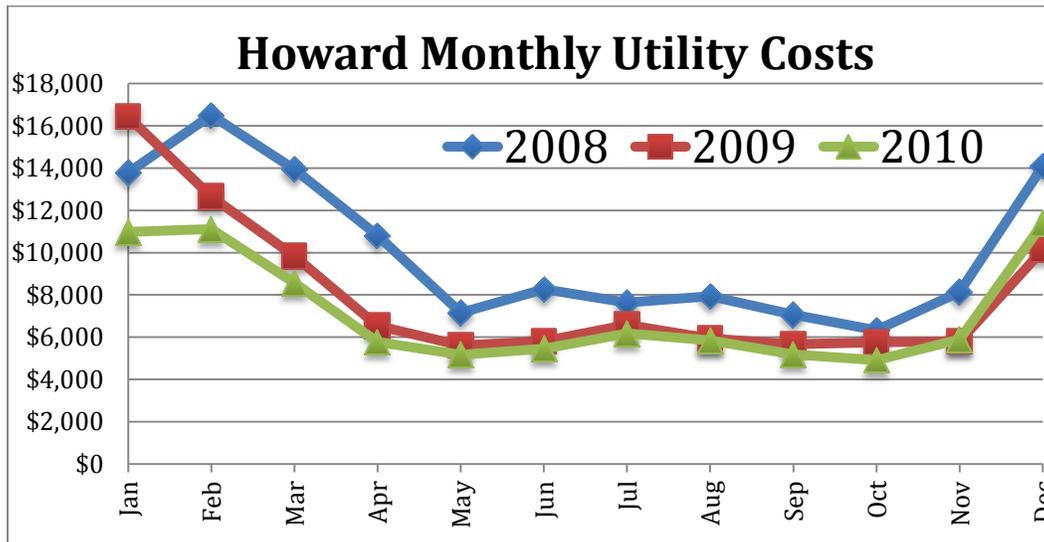


Energy Update

Figure 1 below depicts monthly utility costs for 2008, 2009 and 2010.¹ The largest savings in 2010 occurred in January (as shown in Table 1). The Village saved \$10,293 in 2010 bringing the total savings since 2008 to \$35,244.

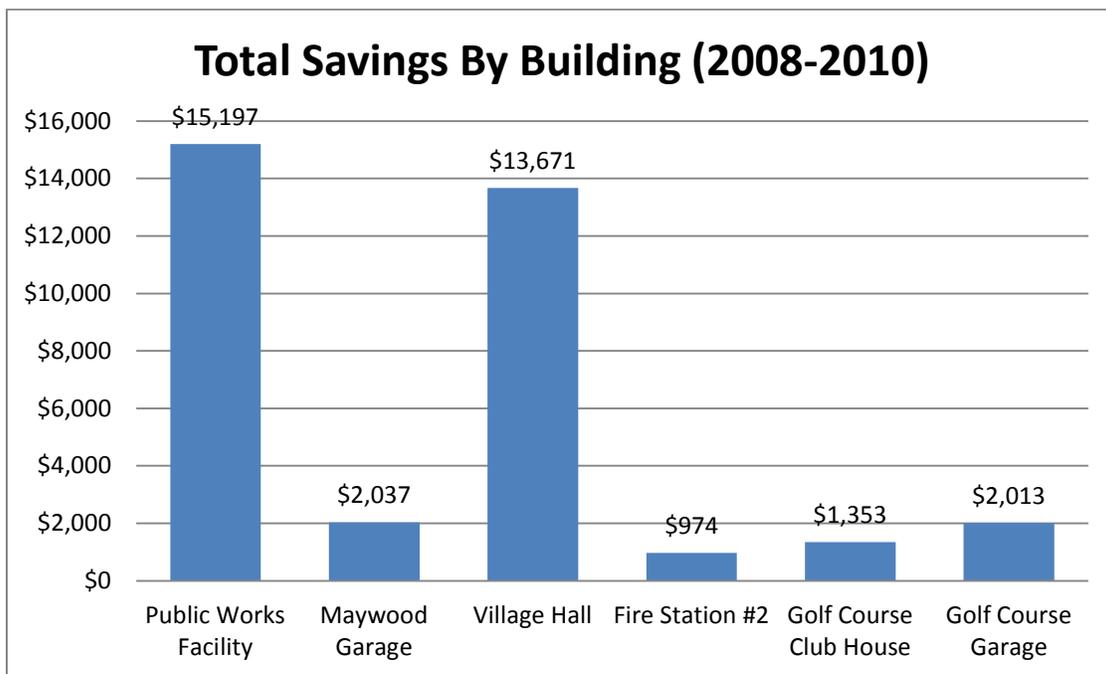


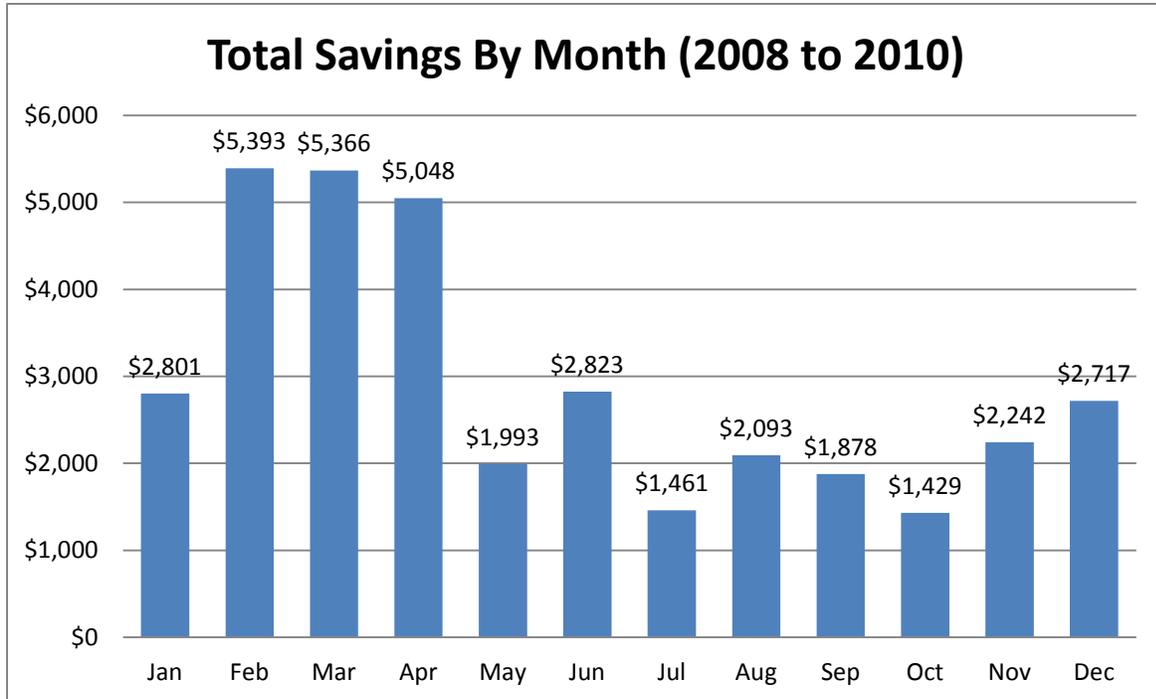
VILLAGE MONTHLY UTILITY COSTS						
	2008	2009	2010	08-09 SAVINGS	09-10 SAVINGS	08-10 SAVINGS
Jan	\$13,788	\$16,433	\$10,987	-\$2,645	\$5,446	\$2,801
Feb	\$16,514	\$12,649	\$11,121	\$3,865	\$1,528	\$5,393
Mar	\$13,944	\$9,832	\$8,578	\$4,112	\$1,254	\$5,366
Apr	\$10,817	\$6,541	\$5,769	\$4,277	\$771	\$5,048
May	\$7,155	\$5,605	\$5,162	\$1,551	\$443	\$1,993
Jun	\$8,272	\$5,820	\$5,449	\$2,452	\$371	\$2,823
Jul	\$7,638	\$6,588	\$6,177	\$1,051	\$410	\$1,461
Aug	\$7,940	\$5,928	\$5,847	\$2,013	\$81	\$2,093
Sep	\$7,067	\$5,659	\$5,189	\$1,409	\$470	\$1,878
Oct	\$6,334	\$5,759	\$4,905	\$575	\$854	\$1,429
Nov	\$8,131	\$5,803	\$5,889	\$2,328	-\$87	\$2,242
Dec	\$14,104	\$10,139	\$11,388	\$3,965	-\$1,249	\$2,717
Tot	\$121,705	\$96,754	\$86,461	\$24,951	\$10,293	\$35,244

¹ Utility costs have not been adjusted for inflation and include any rate increases from WPS. Monthly bill summaries were provided by WPS to the Village of Howard.

During the first six months of 2010, Utility costs decreased \$10,813 from the same period during 2009. Over 50% of this decrease occurred during the month of January which had high costs in 2009 compared to 2008. The latter 6 months remained relatively the same or costs increased. An energy audit was conducted by Focus on Energy in March of 2009. Last Spring the Village installed motion detecting energy efficient lighting and weather-stripped garage doors at Public Works. Additionally, lighting and caulking improvements were conducted at Village Hall/Fire Station #1.

The figure below shows the total savings for each building. Although public works and Village hall account for the majority of the savings (over \$28,000), Maywood garage, an area targeted for savings, reduced its annual cost from about \$4500 in 2008 to about \$2500 in 2010 cutting its cost nearly in half. Conversely, Village hall cut costs by about a quarter and Public Works saw about a 40% decrease from about \$36,000 in 2008 to just over \$21,000 in 2010.





The figure above shows the total utility savings by month. February, March and April showed the most savings for the three year period.

Village staff is currently working with Focus on Energy to conduct building assessments and make improvements to areas that have not yet been targeted and plans to continue pursuing and tracking utility cost savings in 2011.