

Energy Cost Comparison

Current Amherst School District Facilities
vs. Proposed Warrant Article 12

Energy Cost Comparison Conclusions

- Elementary Energy Cost Increase: \$45,216
 - Energy efficient systems
 - Larger school building
- Middle Energy Cost Decrease: \$45,642
 - Energy efficient systems and replacements
 - Footprint of school does not change significantly
- Results in estimated $< \$500$ difference in energy costs

Current Costs

From ASD FY21

Clark-Wilkins						
	Square Feet	Water & Septic	Electricity	Heating Oil	Energy Cost	Cost / SF
Clark	22,892	\$4,819	\$17,130	\$12,886	\$34,836	\$1.52
Wilkins	55,242	\$9,333	\$54,275	\$20,847	\$84,456	\$1.53
Sub-Total	78,134				\$119,291	\$1.53

Amherst Middle School						
	Square Feet	Water & Septic	Electricity	Natural Gas	Energy Cost	Cost / SF
Existing AMS	109,257	\$13,098	\$118,350	\$41,046	\$172,493	\$1.58

Proposed Costs

Calculated using energy estimates of \$1 and \$1.25 per square foot for energy efficient buildings

Proposed Elementary School	146,229 Square Feet	Energy Cost \$146,229	\$1.00
		Energy Cost \$182,786	\$1.25
Proposed Middle School	112,757 Square Feet	Energy Cost \$112,757	\$1.00
		Energy Cost \$140,946	\$1.25

Comparison Costs

Clark-Wilkins Elementary School

	Square Feet	Water & Septic	Electricity	Heating Oil	Energy Cost	Cost / SF
Current	78,134	\$4,819	\$17,130	\$12,886	\$119,291	\$1.52
Proposed	146,229				\$146,229-182,786 Average: \$164,508	\$1.13
					Increase of \$45,216	

Amherst Middle School

	Square Feet	Water & Septic	Electricity	Heating Oil	Energy Cost	Cost / SF
Current	109,257	\$13,098	\$118,350	\$41,046	\$172,493	\$1.58
Proposed	112,757				\$112,757-\$140,946 Average: \$126,852	\$1.13
					Decrease of \$45,642	