

K-12 School District Benchmarking Analysis

The nation’s 17,450 K-12 school districts spend more than \$6 billion annually on energy — more than is spent on computers and textbooks combined — with a national average of \$182 per student annually. Wisconsin's 424 K-12 school districts spend more than \$180 million annually on energy with more than \$211 per student for the 2014-2015 school year.

The Municipal Energy Efficiency Technical Assistance Program (MEETAP) has developed energy use benchmarks that school districts can use to compare their existing energy consumption and evaluate energy savings opportunities.

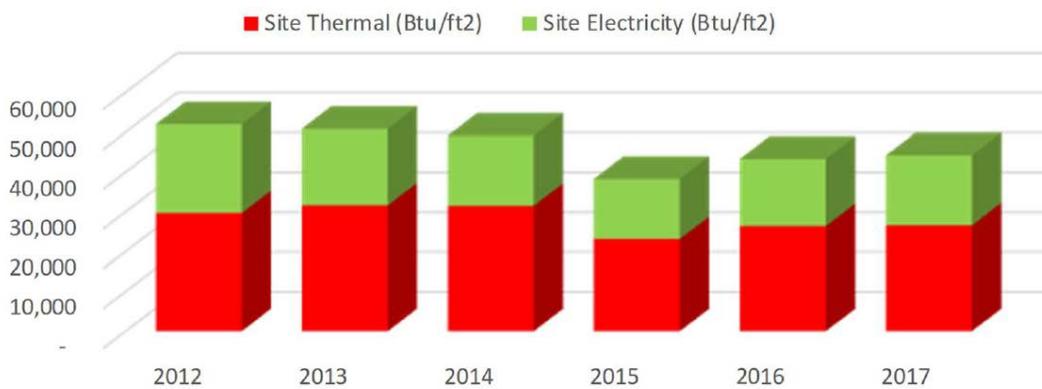
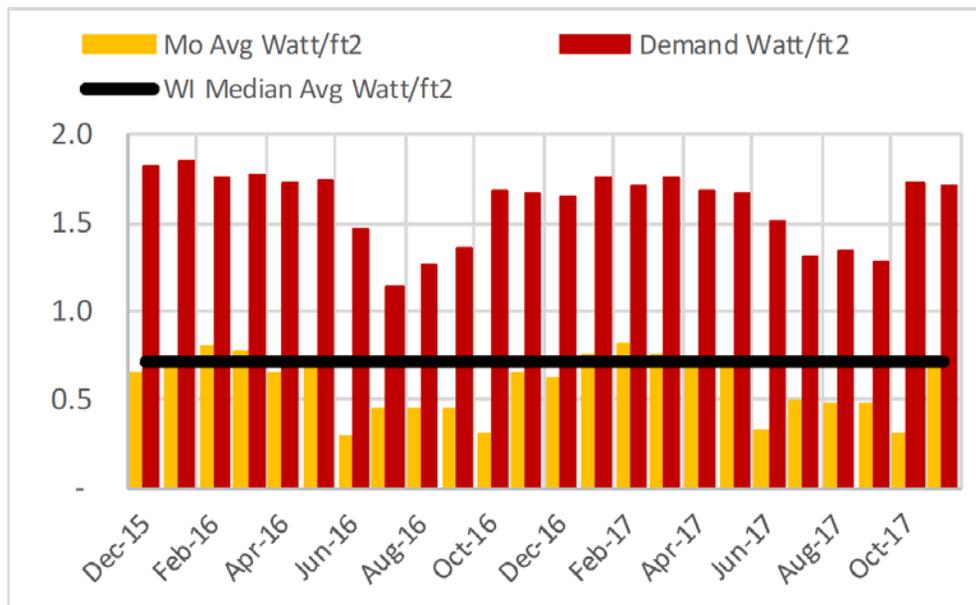
Median Values in benchmarks for normalized energy use, energy expenditures, electric rate and natural gas rate for each of the school sizes are compared below:

	Total Utilities \$/year	Thermal for Heat \$/Student	Electricity Other Than Heat \$/Student
Small Schools (<902 Students)	\$ 291.27	\$ 80.71	\$ 166.97
Large Schools (>=902 Students)	\$ 243.54	\$ 63.54	\$ 149.79

MEETAP can provide school specific baselines by quartiles, showing how they compare to similar schools

School District	Student Count	Total Utilities \$/Student	Thermal for Heat \$/Student	Electricity Other Than Heat \$/Student	Total Utilities \$/Year	Total Utilities \$/Student	Thermal for Heat \$/Student	Electricity Other Than Heat \$/Student
School 1	699	3	2	3	\$ 211,683	\$ 302.84	\$ 74.90	\$ 168.48
School 2	424	1	2	2	\$ 102,625	\$ 242.04	\$ 64.56	\$ 153.33
School 3	217	4	4	3	\$ 149,920	\$ 690.87	\$ 474.29	\$ 171.54
School 4	577	4	3	3	\$ 216,542	\$ 375.29	\$ 105.90	\$ 198.34
School 5	467	2	2	3	\$ 129,642	\$ 277.61	\$ 66.14	\$ 169.29
School 6	334	2	2	2	\$ 96,863	\$ 290.01	\$ 76.30	\$ 157.55
School 7	424	2	3	2	\$ 114,590	\$ 270.26	\$ 90.15	\$ 153.17
School 8	807	1	2	2	\$ 194,839	\$ 241.44	\$ 70.37	\$ 140.74

Schools can request that MEETAP prepare an energy analysis to highlight areas where savings can be made



MEETAP can evaluate opportunities for savings based on

- Benchmarking Studies
- Site and Source Energy Use Intensity (EUI)
- Monthly Assessments

MEETAP and Focus on Energy can identify and evaluate projects for efficiency improvements.