

SCHOOL ENERGY MANAGERS PROJECT

The School Energy Managers Project (SEMP) was formed within Kentucky School Boards Association in 2010 to help school districts comply with KRS160.325 “in an effort to reduce rising energy costs that are straining school budgets.” The mission of SEMP was to put professionally trained energy managers into schools. Where school district sizes were small, partnerships were formed across district boundaries to share the energy manager.

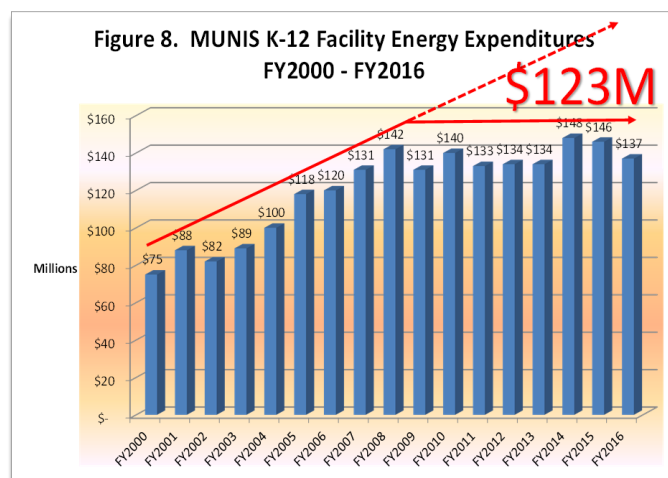
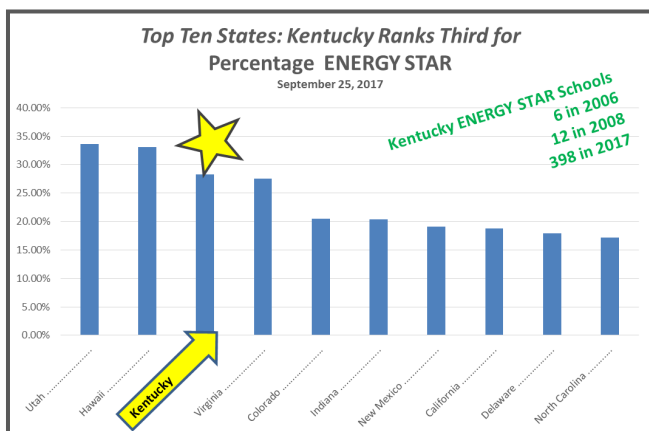
The KSBA-SEMP program was named an ENERGY STAR Partner of the Year by the U.S. Environmental Protection Agency in both 2014 and 2015 in the category of *Program Delivery in Energy Efficiency* for introducing energy managers into schools. In 2016 and 2017, the EPA recognized the program for “Sustained Excellence.” A major reason for the recognitions were the program’s resultant energy and cost savings as measured by reduced energy consumption, reduced and avoided costs, and the increase in number of ENERGY STAR schools.



	2010	2016
National	73	73
Kentucky	65.4	52.0
ENERGY STAR	40-50	40-50
KY'S Best District	43	33.2
Net-Zero Ready	18	18

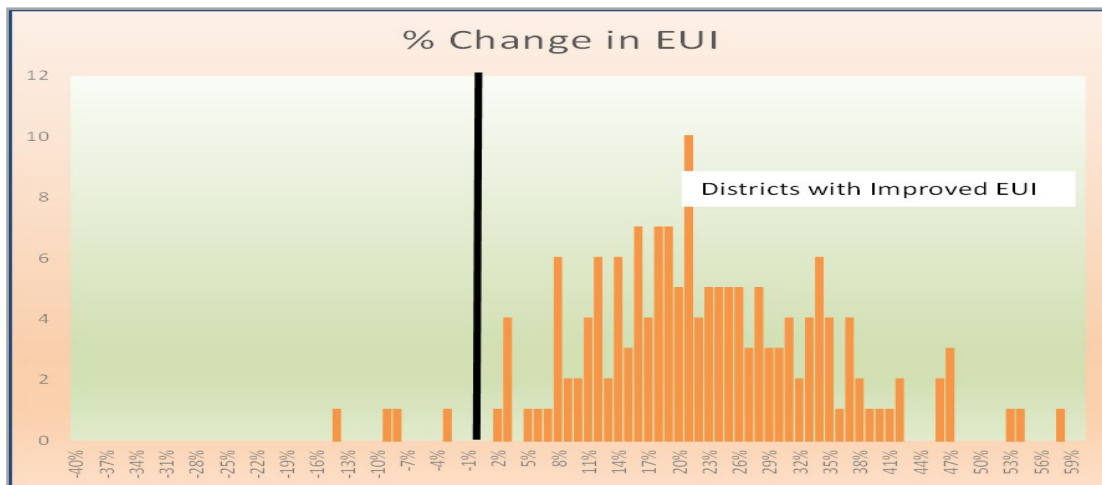
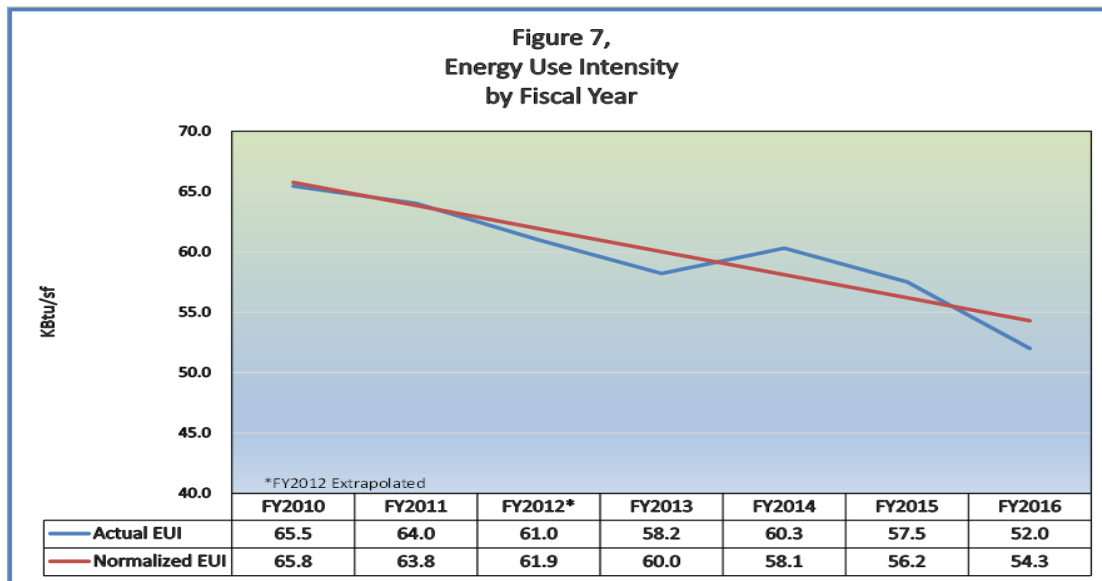
Kentucky’s 173 public school districts are using less energy today than they were using in fiscal year 2010. The statewide Energy Utilization Index has dropped from 65 KBTU/SF/yr to 52.0 KBTU/SF/yr during a time when the area of conditioned space has grown significantly. FY2017 data will be available in December, 2017.

The corresponding costs savings through consumption savings, rate savings, refunds, etc. through FY2016 totals over \$123 million dollars and is growing rapidly. These dollars go back into the classroom or facility instead of being spent on utilities.



Finally, the number of ENERGY STAR labeled school buildings has grown from six in 2006 to over 398 today. The significance of this number is not just the recognition, but is confirmation by an outside organization of school district stewardship and fiscal responsibility. Over a third of Kentucky’s eligible public school buildings are ENERGY STAR labeled.

Most Districts Becoming More Energy Efficient



Old School vs New School

“Old School” Garth Elementary School



“New School” McCracken Co High School

