

**Fort Wayne Community Schools
Energy Leadership Program Results**

	Period End Date	Usage Reduction	Unit	% Change Use	Cost Reduction	% Cost Reduction
Electricity						
Year 1	3/31/2013	8,201,056	kilowatt/hours	-15.3%	\$ 698,363	-15.8%
Year 2	3/31/2014	10,147,791	kilowatt/hours	-18.9%	\$ 931,572	-19.6%
Year 3	3/31/2015	12,749,809	kilowatt/hours	-23.8%	\$ 1,134,350	-24.1%
Year 4	3/31/2016	12,462,707	kilowatt/hours	-23.3%	\$ 1,163,070	-23.2%
Year 5	3/31/2017	12,837,708	kilowatt/hours	-24.0%	\$ 1,241,337	-23.8%
Year 6	3/31/2018	13,593,752	kilowatt/hours	-25.4%	\$ 1,349,720	-25.4%
Year 7	3/31/2019	12,210,574	kilowatt/hours	-22.7%	\$ 1,265,378	-21.7%
Year 8	3/31/2020	14,581,961	kilowatt/hours	-27.4%	\$ 1,812,797	-28.5%
Year 9	3/31/2021	17,026,349	kilowatt/hours	-32.3%	\$ 3,286,684	-42.8%
Year 10	3/31/2022	12,811,409	kilowatt/hours	-24.8%	\$ 2,027,398	-29.2%
Totals/Avg.		126,623,116	kilowatt/hours	-23.7%	\$ 14,910,669	-25.4%
Natural Gas						
Year 1	3/31/2013	395,989	therms	-18.5%	\$ 331,522	-21.2%
Year 2	3/31/2014	466,006	therms	-18.2%	\$ 441,197	-20.4%
Year 3	3/31/2015	594,055	therms	-24.1%	\$ 294,303	-18.7%
Year 4	3/31/2016	447,619	therms	-24.8%	\$ 213,111	-21.4%
Year 5	3/31/2017	544,004	therms	-29.1%	\$ 353,827	-30.6%
Year 6	3/31/2018	558,882	therms	-26.7%	\$ 418,700	-30.5%
Year 7	3/31/2019	615,970	therms	-28.0%	\$ 533,675	-37.3%
Year 8	3/31/2020	567,788	therms	-28.2%	\$ 441,559	-34.1%
Year 9	3/31/2021	512,304	therms	-24.5%	\$ 448,831	-33.0%
Year 10	3/31/2022	523,952	therms	-25.4%	\$ 399,034	-26.7%
Totals/Avg.		5,226,569	therms	-24.7%	\$ 3,875,759	-27.3%
Combined Energy						
	3/31/2022	126,623,116	kilowatt/hours		\$ 14,910,669	
		5,226,569	therms		\$ 3,875,759	
					\$ 18,786,428	Savings Since Apr 2012

FWCS added air conditioning to 26 schools during this time and averaged 24.7% reduction in annual electrical use.

Environmental Impact

Fort Wayne Community Schools energy reductions equate to over 117,390 metric tons of Carbon Dioxide!

This FWCS reduction in greenhouse gas is the equivalent of.....

...the emissions from **25,294** passenger vehicles driven for one year (or)

...the CO2 emissions from **22,841** homes electricity use for one year

It would take almost 1.95 million tree seedlings grown for 10 years to equal the amount of carbon eliminated by FWCS!