

Kenton County School District Board Meeting

Monthly Cost and Usage Performance

Performance Period July 2018– June 2019

Kenton County Schools Weather Normalized Cost & Usage Savings

Current Year: July 2018 to June 2019

Base Year: June 2005 to May 2006 (Twenhofel uses BYE May 2007)

TOTAL ENERGY (mmBtu)

Month	USE (mmBtu)		AVOIDED USE		COST		AVOIDED COST	
	Base Year	Current YTD	Savings	Savings %	Base Year	Current YTD	Savings	Savings %
July 2018	8,743	3,809	4,934	56.4%	261,986	121,071	\$ 140,915	53.8%
August 2018	11,997	5,177	6,820	56.8%	345,319	159,989	\$ 185,330	53.7%
September 2018	12,690	6,102	6,587	51.9%	334,124	173,084	\$ 161,040	48.2%
October 2018	12,404	6,836	5,568	44.9%	297,419	160,970	\$ 136,449	45.9%
November 2018	14,570	8,622	5,948	40.8%	284,495	153,914	\$ 130,581	45.9%
December 2018	16,065	10,062	6,002	37.4%	299,837	170,892	\$ 128,945	43.0%
January 2019	18,379	10,487	7,892	42.9%	335,221	181,939	\$ 153,281	45.7%
February 2019	15,168	9,951	5,217	34.4%	280,875	162,606	\$ 118,269	42.1%
March 2019	15,449	8,880	6,569	42.5%	298,637	162,556	\$ 136,081	45.6%
April 2019	11,216	6,012	5,204	46.4%	270,185	141,585	\$ 128,600	47.6%
May 2019	10,738	5,769	4,969	46.3%	304,451	153,829	\$ 150,622	49.5%
June 2019	7,276	3,991	3,286	45.2%	247,113	132,279	\$ 114,834	46.5%
Total Year To-Date	154,694	85,699	68,996	44.6%	\$3,559,661	\$1,874,714	\$1,684,946	47.33%

Kenton County Schools Weather Normalized Cost & Usage Savings

Current Year: July 2018 to June 2019

Base Year: June 2005 to May 2006 (Twenhofel uses BYE May 2007)

TOTAL ENERGY (mmBtu)

Site	USE (mmBtu)		AVOIDED USE		COST		AVOIDED COST	
	Base Year	Current YTD	Savings	Savings %	Base Year	Current YTD	Savings	Savings %
BEECHGROVE ELEMENTARY	5,170	1,432	3,738	72.3%	102,906	40,296	\$ 62,610	60.8%
CAYWOOD ELEMENTARY	2,894	2,610	284	9.8%	67,412	59,526	\$ 7,886	11.7%
DIXIE HEIGHTS HIGH SCHOOL	19,393	11,449	7,945	41.0%	436,758	243,290	\$ 193,468	44.3%
FT WRIGHT ELEMENTARY SCHOOL	5,256	2,482	2,774	52.8%	128,400	66,161	\$ 62,240	48.5%
HINSDALE ELEMENTARY SCHOOL	4,409	3,343	1,065	24.2%	111,689	74,424	\$ 37,266	33.4%
KENTON ELEMENTARY	7,466	3,910	3,556	47.6%	170,844	100,681	\$ 70,163	41.1%
PINER ELEMENTARY	1,929	1,197	732	38.0%	67,024	41,380	\$ 25,644	38.3%
RIVER RIDGE ELEMENTARY	9,054	7,644	1,410	15.6%	241,823	156,038	\$ 85,784	35.5%
RYLAND HEIGHTS ELEMENTARY	1,816	1,450	366	20.1%	48,672	38,501	\$ 10,171	20.9%
SCOTT HIGH	21,800	8,908	12,891	59.1%	536,667	219,622	\$ 317,045	59.1%
SIMON KENTON HIGH	23,461	12,382	11,079	47.2%	578,437	251,940	\$ 326,497	56.4%
SUMMIT VIEW CAMPUS	17,151	11,892	5,259	30.7%	401,735	246,848	\$ 154,887	38.6%
TAYLOR MILL ELEMENTARY	8,076	4,195	3,880	48.1%	130,812	66,026	\$ 64,786	49.5%
TURKEY FOOT MIDDLE SCHOOL	11,051	2,221	8,830	79.9%	149,689	47,457	\$ 102,231	68.3%
TWENHOFEL MIDDLE SCHOOL	5,834	4,436	1,397	24.0%	131,683	88,890	\$ 42,793	32.5%
WHITE'S TOWER ELEMENTARY	3,896	2,808	1,088	27.9%	83,762	54,218	\$ 29,544	35.3%
WOODLAND MIDDLE SCHOOL	6,037	3,337	2,700	44.7%	171,348	79,418	\$ 91,931	53.7%
Total Year To-Date	154,694	85,699	68,996	44.6%	\$3,559,661	\$1,874,714	\$1,684,946	47.33%



Kenton County School District Emission Reduction YTD






July 2018 to June 2019 (All Facility classes, All Facilities)

Energy Type

Electricity
(kWh)

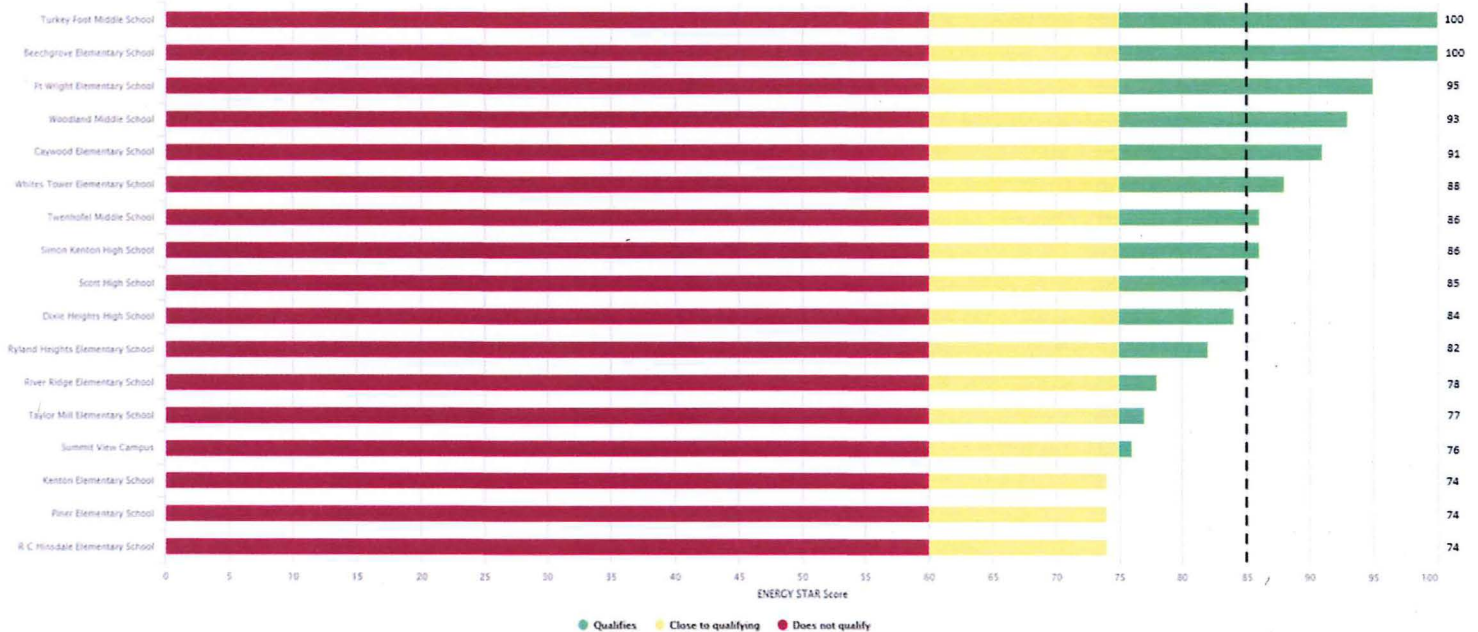
Natural Gas
(kBtu)

Totals

					
	Energy Savings	lbs. of CO2 Reduced	Cars off Road	# of Homes Powered / year	# of trees planted
Electricity (kWh)	14,011,015	29,423,132	2,570	1,983	342,129
Natural Gas (kBtu)	211,872	2,478,899	216	167	28,824
Totals		31,902,031	2,786	2,150	370,954

ENERGY STAR Scores Ranking

Avoided Cost Schools: Avoided Cost --- Most Recent Scores as of 06/2019





Kenton County Schools Weather Normalized Usage Savings

Past two years comparison

TOTAL ENERGY (mmBtu)

School	Avoided USE (mmBtu)		Avoided Cost	
	2017 - 2018	2018 - 2019	Savings	Savings %
BEECHGROVE ELEMENTARY	2,950	1,432	1,518	51%
CAYWOOD ELEMENTARY	2,257	2,610	(353)	-16%
DIXIE HEIGHTS HIGH SCHOOL	10,843	11,448	(605)	-6%
FT WRIGHT ELEMENTARY	5,092	2,482	2,610	51%
HINSDALE ELEMENTARY	3,445	3,343	102	3%
KENTON ELEMENTARY	4,243	3,910	333	8%
PINER ELEMENTARY	2,927	2,933	(6)	0%
RIVER RIDGE ELEMENTARY	2,927	2,933	(6)	0%
RYLAND ELEMENTARY	3,457	3,134	323	9%
SCOTT HIGH SCHOOL	9,961	9,429	532	5%
SIMON KENTON HIGH SCHOOL	15,390	12,382	3,008	20%
SUMMIT VIEW ACADEMY	10,880	11,892	(1,012)	-9%
TAYLOR MILL ELEMENTARY	4,384	4,195	189	4%
TURKEY FOOT MIDDLE SCHOOL	2,408	2,220	188	8%
TWENHOFEL MIDDLE SCHOOL	3,767	4,436	(669)	-18%
WHITE'S TOWER ELEMENTARY	2,809	2,808	1	0%
WOODLAND MIDDLE SCHOOL	3,480	3,337	143	4%
Total Year To-Date	91,220	84,924	6,296	7%