

# Kenton County School District

## Board Meeting



## Monthly Cost and Usage Performance-

### Performance Period July 2017– June 2018

### Kenton County Schools Weather Normalized Cost & Usage Savings

Current Year: July 2017 to June 2018

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 2017	8,627	3,432	5,195	60.2%	241,255	102,468	\$ 138,787	57.5%
August 2017	11,852	4,336	7,517	63.4%	305,866	123,266	\$ 182,601	59.7%
September 2017	12,628	4,966	7,662	60.7%	283,615	121,539	\$ 162,076	57.1%
October 2017	11,869	6,301	5,568	46.9%	256,597	135,367	\$ 121,230	47.2%
November 2017	13,386	8,428	4,958	37.0%	245,579	140,541	\$ 105,038	42.8%
December 2017	17,236	11,401	5,835	33.9%	265,660	164,437	\$ 101,223	38.1%
January 2018	18,453	13,012	5,441	29.5%	272,514	178,873	\$ 93,641	34.4%
February 2018	14,579	9,423	5,156	35.4%	239,246	146,848	\$ 92,398	38.6%
March 2018	15,392	8,715	6,677	43.4%	265,227	143,997	\$ 121,229	45.7%
April 2018	12,531	6,811	5,720	45.6%	247,652	133,621	\$ 114,030	46.0%
May 2018	11,021	5,852	5,168	46.9%	280,236	159,532	\$ 120,704	43.1%
June 2018								
<b>Total Year To-Date</b>	<b>147,574</b>	<b>82,678</b>	<b>64,896</b>	<b>44.0%</b>	<b>\$ 2,903,447</b>	<b>\$ 1,550,489</b>	<b>\$ 1,352,957</b>	<b>46.60%</b>

### Kenton County Schools Weather Normalized Cost & Usage Savings

Current Year: July 2017 to June 2018





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	5,163	3,113	2,050	39.7%	89,272	49,616	\$ 39,656	44.4%
CAYWOOD ELEMENTARY	2,832	2,139	693	24.5%	58,960	44,001	\$ 14,959	25.4%
DIXIE HEIGHTS HIGH SCHOOL	17,905	10,353	7,552	42.2%	364,275	202,894	\$ 161,381	44.3%
FT WRIGHT ELEMENTARY SCHOOL	3,349	3,276	73	2.2%	58,058	58,594	\$ (536)	-0.9%
HINSDALE ELEMENTARY SCHOOL	4,043	3,289	754	18.6%	86,165	62,810	\$ 23,356	27.1%
KENTON ELEMENTARY	7,039	4,138	2,901	41.2%	133,180	74,697	\$ 58,483	43.9%
PINER ELEMENTARY	1,780	1,180	599	33.7%	51,144	33,797	\$ 17,347	33.9%
RIVER RIDGE ELEMENTARY	8,683	6,785	1,898	21.9%	200,096	120,785	\$ 79,311	39.6%
RYLAND HEIGHTS ELEMENTARY	1,650	1,555	95	5.7%	37,536	35,547	\$ 1,990	5.3%
SCOTT HIGH	21,800	9,742	12,058	55.3%	469,103	208,565	\$ 260,538	55.5%
SIMON KENTON HIGH	22,231	10,335	11,895	53.5%	463,135	180,586	\$ 282,550	61.0%
SUMMIT VIEW CAMPUS	17,114	10,517	6,597	38.5%	344,840	201,029	\$ 143,811	41.7%
TAYLOR MILL ELEMENTARY	7,681	4,294	3,387	44.1%	112,541	61,010	\$ 51,531	45.8%
TURKEY FOOT MIDDLE SCHOOL	11,084	2,090	8,994	81.1%	117,508	34,006	\$ 83,502	71.1%
TWENHOFEL MIDDLE SCHOOL	5,647	3,701	1,946	34.5%	113,167	72,019	\$ 41,148	36.4%
WHITE'S TOWER ELEMENTARY	3,815	2,798	1,018	26.7%	70,200	43,008	\$ 27,191	38.7%
WOODLAND MIDDLE SCHOOL	5,756	3,370	2,386	41.4%	134,266	67,525	\$ 66,741	49.7%
<b>Total Year To-Date</b>	<b>147,574</b>	<b>82,678</b>	<b>64,896</b>	<b>44.0%</b>	<b>\$ 2,903,447</b>	<b>\$ 1,550,489</b>	<b>\$ 1,352,957</b>	<b>46.60%</b>

## Kenton County School District Emission Reduction YTD

July 2017 to June 2018 (All Facility classes, All Facilities)

Energy Type	 Energy Savings	 lbs. of CO2 Reduced	 Cars off Road	 # of Homes Powered / year	 # of trees planted
Electricity (kWh)	12,864,380	27,015,198	2,359	1,821	314,130
Natural Gas (kBtu)	210,003	2,457,036	215	166	28,570
<b>Totals</b>		<b>29,472</b>	<b>2,574</b>	<b>1,986</b>	<b>342,700</b>

