

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 | 8,393 | 3,432 | 4,961 | 59.1% | 234,383 | 102,471 | \$ 131,912 | 56.3% |
| August 2017 | 11,374 | 4,336 | 7,038 | 61.9% | 293,257 | 123,266 | \$ 169,991 | 58.0% |
| September 2017 | 12,134 | 4,966 | 7,168 | 59.1% | 273,016 | 121,539 | \$ 151,477 | 55.5% |
| October 2017 | 11,378 | 6,301 | 5,077 | 44.6% | 247,111 | 135,367 | \$ 111,743 | 45.2% |
| November 2017 | | | | | | | | |
| December 2017 | | | | | | | | |
| January 2018 | | | | | | | | |
| February 2018 | | | | | | | | |
| March 2018 | | | | | | | | |
| April 2018 | | | | | | | | |
| May 2018 | | | | | | | | |
| June 2018 | | | | | | | | |
| Total Year To-Date | 43,279 | 19,035 | 24,244 | 56.0% | \$ 1,047,766 | \$ 482,642 | \$ 565,123 | 53.94% |

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 | 1,179 | 456 | 722 | 61.3% | 29,413 | 10,630 | \$ 18,782 | 63.9% |
| CAYWOOD ELEMENTARY | 926 | 632 | 294 | 31.7% | 22,191 | 14,841 | \$ 7,350 | 33.1% |
| DIXIE HEIGHTS HIGH SCHOOL | 8,736 | 2,490 | 6,246 | 71.5% | 188,282 | 67,362 | \$ 120,920 | 64.2% |
| FT WRIGHT ELEMENTARY SCHOOL | 974 | 489 | 486 | 49.8% | 24,716 | 12,715 | \$ 12,001 | 48.6% |
| HINSDALE ELEMENTARY SCHOOL | 1,181 | 784 | 397 | 33.6% | 32,338 | 20,335 | \$ 12,004 | 37.1% |
| KENTON ELEMENTARY | 1,897 | 1,008 | 890 | 46.9% | 45,357 | 25,754 | \$ 19,603 | 43.2% |
| PINER ELEMENTARY | 711 | 409 | 302 | 42.5% | 21,331 | 12,222 | \$ 9,109 | 42.7% |
| RIVER RIDGE ELEMENTARY | 2,393 | 1,569 | 824 | 34.4% | 68,807 | 43,340 | \$ 25,468 | 37.0% |
| RYLAND HEIGHTS ELEMENTARY | 669 | 590 | 79 | 11.8% | 16,290 | 14,785 | \$ 1,505 | 9.2% |
| SCOTT HIGH | 3,828 | 2,232 | 1,597 | 41.7% | 89,255 | 52,119 | \$ 37,136 | 41.6% |
| SIMON KENTON HIGH | 7,422 | 2,196 | 5,226 | 70.4% | 194,487 | 58,285 | \$ 136,202 | 70.0% |
| SUMMIT VIEW CAMPUS | 4,919 | 2,395 | 2,524 | 51.3% | 129,517 | 63,792 | \$ 65,724 | 50.7% |
| TAYLOR MILL ELEMENTARY | 2,405 | 953 | 1,453 | 60.4% | 48,576 | 21,543 | \$ 27,033 | 55.7% |
| TURKEY FOOT MIDDLE SCHOOL | 1,945 | 675 | 1,271 | 65.3% | 26,505 | 9,869 | \$ 16,636 | 62.8% |
| TWENHOFEL MIDDLE SCHOOL | 1,436 | 927 | 508 | 35.4% | 32,410 | 21,035 | \$ 11,375 | 35.1% |
| WHITE'S TOWER ELEMENTARY | 834 | 506 | 328 | 39.4% | 23,229 | 13,562 | \$ 9,667 | 41.6% |
| WOODLAND MIDDLE SCHOOL | 1,822 | 726 | 1,096 | 60.2% | 55,062 | 20,455 | \$ 34,607 | 62.9% |
| Total Year To-Date | 43,279 | 19,035 | 24,244 | 56.0% | \$ 1,047,766 | \$ 482,642 | \$ 565,123 | 53.94% |

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) | 5,118,567 | 10,748,991 | 939 | 724 | 124,988 |
| Natural Gas (kBtu) | 67,783 | 793,061 | 69 | 53 | 9,222 |
| Totals | | 11,542,052 | 1,008 | 778 | 134,210 |

ENERGY STAR Scores Ranking

Avoided Cost Schools: Avoided Cost -- Most Recent Scores as of 10/2017

