

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 | 5,191 | 7,436 | 58.9% | 280,112 | 125,282 | \$ 154,829 | 55.3% |
| 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 | 8,737 | 6,655 | 43.2% | 265,005 | 144,250 | \$ 120,755 | 45.6% |
| April 2018 | 12,531 | 6,898 | 5,633 | 45.0% | 246,851 | 134,804 | \$ 112,047 | 45.4% |
| May 2018 | 11,021 | 5,945 | 5,076 | 46.1% | 282,665 | 162,403 | \$ 120,262 | 42.5% |
| June 2018 | 7,288 | 4,265 | 3,023 | 41.5% | 213,958 | 137,824 | \$ 76,134 | 35.6% |
| Total Year To-Date | 154,862 | 87,368 | 67,494 | 43.6% | \$ 3,115,308 | \$ 1,696,363 | \$ 1,418,945 | 45.55% |

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 | 5,280 | 3,417 | 1,863 | 35.3% | 89,811 | 55,909 | \$ 33,901 | 37.7% |
| CAYWOOD ELEMENTARY | 2,894 | 2,282 | 612 | 21.1% | 61,089 | 48,745 | \$ 12,344 | 20.2% |
| DIXIE HEIGHTS HIGH SCHOOL | 19,393 | 10,943 | 8,450 | 43.6% | 400,466 | 222,392 | \$ 178,074 | 44.5% |
| FT WRIGHT ELEMENTARY SCHOOL | 3,646 | 3,441 | 206 | 5.6% | 67,781 | 63,981 | \$ 3,800 | 5.6% |
| HINSDALE ELEMENTARY SCHOOL | 4,291 | 3,439 | 852 | 19.9% | 93,631 | 67,978 | \$ 25,653 | 27.4% |
| KENTON ELEMENTARY | 7,466 | 4,364 | 3,102 | 41.6% | 144,808 | 82,376 | \$ 62,431 | 43.1% |
| PINER ELEMENTARY | 1,929 | 1,299 | 630 | 32.7% | 55,964 | 37,628 | \$ 18,335 | 32.8% |
| RIVER RIDGE ELEMENTARY | 9,294 | 7,105 | 2,189 | 23.6% | 223,329 | 132,718 | \$ 90,611 | 40.6% |
| RYLAND HEIGHTS ELEMENTARY | 1,816 | 1,698 | 118 | 6.5% | 43,237 | 40,454 | \$ 2,783 | 6.4% |
| SCOTT HIGH | 21,800 | 10,212 | 11,588 | 53.2% | 469,103 | 222,140 | \$ 246,963 | 52.6% |
| SIMON KENTON HIGH | 23,535 | 10,747 | 12,788 | 54.3% | 502,433 | 196,971 | \$ 305,462 | 60.8% |
| SUMMIT VIEW CAMPUS | 17,937 | 11,086 | 6,850 | 38.2% | 372,763 | 220,005 | \$ 152,758 | 41.0% |
| TAYLOR MILL ELEMENTARY | 8,188 | 4,494 | 3,694 | 45.1% | 125,974 | 67,253 | \$ 58,721 | 46.6% |
| TURKEY FOOT MIDDLE SCHOOL | 11,358 | 2,418 | 8,940 | 78.7% | 123,790 | 40,676 | \$ 83,115 | 67.1% |
| TWENHOFEL MIDDLE SCHOOL | 5,949 | 3,936 | 2,014 | 33.8% | 119,785 | 76,674 | \$ 43,112 | 36.0% |
| WHITE'S TOWER ELEMENTARY | 3,971 | 2,906 | 1,066 | 26.8% | 75,517 | 46,800 | \$ 28,717 | 38.0% |
| WOODLAND MIDDLE SCHOOL | 6,112 | 3,580 | 2,532 | 41.4% | 145,827 | 73,663 | \$ 72,164 | 49.5% |
| Total Year To-Date | 154,862 | 87,368 | 67,494 | 43.6% | \$ 3,115,308 | \$ 1,696,363 | \$ 1,418,945 | 45.55% |

Kenton County School District Emission Reduction YTD






July 2017 to June 2018 (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 |
|--|---|---|---|--|
| 13,279,142 | 27,886,197 | 2,435 | 1,879 | 324,258 |
| 221,828 | 2,595,390 | 227 | 175 | 30,179 |
| | 30,481,588 | 2,662 | 2,054 | 354,437 |

