**M E M O R A N D U M**

**TO: Dr. Randy Poe, Superintendent**

**Board Members**

**DATE: June 3, 2019**

**RE: Energy Management Report**

**Following for your review is an energy management update, which includes data through April of the current school year. Highlights of the report include:**

* **To date, we have used 1,262,476 kWh less than last year.**
* **With the new Duke Energy rate structure for Burlington Elementary, we saved $1,518.90 for the month of April. Additionally, with the new Duke Energy rate structure for Florence Elementary, we saved $422.92 for the month of April.**
* **A new Duke Energy Foundation Grant of $10,000.00 was awarded to the district for the 2019/2020 school year for the continued formation of school energy teams and STEM-related energy education projects and activities!**

**Eric McArtor**

**Chief Operating Officer/Deputy Superintendent**

**Boone County Schools Energy Management Update**

**Total Cost and Use:**





**Credits/Rebates/Incentives:**



**Action Items:**



**ATTACHMENT**



**Cooling degree days (CDD) are a measure of how much (in degrees), and for how long (in days), the outside air temperature was *above* a certain level (i.e., 65°F). Conversely, heating degree days (HDD) are a measure of how much (in degrees) and for how long (in days) that the outside air temperature was *lower* than 65°F. As the above table shows, the number of HDD days in April 2019 were significantly less than those in April 2018.**