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

**TO: Randy Poe, Superintendent**

**Mr. Ed Massey, Chairperson**

**Board Members**

**DATE: October 29, 2018**

**RE: Energy Management Report**

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

* **Though we used 52,844 kwh less in electricity in the month of September, we paid $44,188.01 more. This is an approximate overall 23% increase. The new 2018 Duke Energy Rate Increase predicted a 15-18% increase from last year to this year**. **As such, I contacted our Duke Energy Account Reps to look into this issue and I am awaiting their response at the time of this writing.** 
  + - **Credit of $14,936.09 from participation in the Duke Power Share program for the month of August.**
    - **Twelve Schools will be recognized at the November board meeting for their 2018 EPA ENERGY STAR re-certification! These schools are BES, FES, KES, LES, SES, TES, CMS, EES, GMS, RAJ, CEMS and RCHS. Please note that this is the first time since 2012 that Cooper High School has earned their re-certification. As you know, ENERGY STAR buildings are independently certified to use less energy and cause fewer greenhouse gas emissions. ENERGY STAR buildings are easily recognizable by their label:**



**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). As the above table shows, September 2018 was much hotter that September of 2017.**