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

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

**Mr. Ed Massey, Chairperson**

**Board Members**

**DATE: June 1, 2018**

**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:**

* + - **Savings in YTD utility costs of $80,196.89 as compared to the same period last year.**
    - **Owen Electric rebate of $1,338.25 for outdoor lights.**
* **We would also like to recognize and congratulate Camp Ernst Middle School, Gray Middle School and Erpenbeck Elementary School on their 2018 EPA ENERGY STAR re-certification! As you know, ENERGY STAR buildings are independently certified to use less energy and cause fewer emissions that contribute to climate change. ENERGY STAR buildings are easily recognizable by their label:**

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* **Review of 2018 weather data revealed much colder winter temperatures from January to April 2017–18 compared to same time period of 2016-17, but less energy was used. Refer to attachment.**

**Eric McArtor**

**Chief Operating Officer/Deputy Superintendent**

**Boone County Schools Energy Management Update**

**Total Cost and Use:**





**Credits/Rebates/Incentives:**



**Action Items:**



**Attachment**



Heating degree days", or "**HDD**", are a measure of how much (in degrees), and for how long (in days), outside air temperature was lower than a specific "base temperature". In the US, the base temperature is 65°F.

So you can see from the table above that we had a much colder winter in Jan – Apr 2017/18 when compared to Jan – Apr 2016/17 and less kWh (kilowatt-hours) were used each month this year!