



**FLOYD COUNTY BOARD OF EDUCATION**  
**Danny Adkins, Superintendent**  
**106 North Front Avenue**  
**Prestonsburg, Kentucky 41653**  
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**[www.floyd.kyschools.us](http://www.floyd.kyschools.us)**

**Sherry Robinson- Chair - District 5**  
**Dr. Chandra Varia, Vice-Chair - District 2**  
**Linda C. Gearheart, Member - District 1**  
**William Newsome, Jr., Member - District 3**  
**Rhonda Meade, Member - District 4**

Student Support: Receive Utility Report for Stumbo Elementary.

Applicable Statue(s), etc.: N/A

Fiscal Budgetary Impact:

2016/2017 SY (July 16-June 17) \$86,385.94

2017/2018 SY (July 17-June 18) \$84,072.76

History / Background:

June 2018

Board received utility report for Duff Allen Central Elementary.

Staff Recommendation: To accept report as presented.

Contact Person:

Gregory Adams

Director of Facilities

(606) 874-9569

  
Director

  
Superintendent

DATE: August 27, 2018

# Utility Report

## August 27, 2018



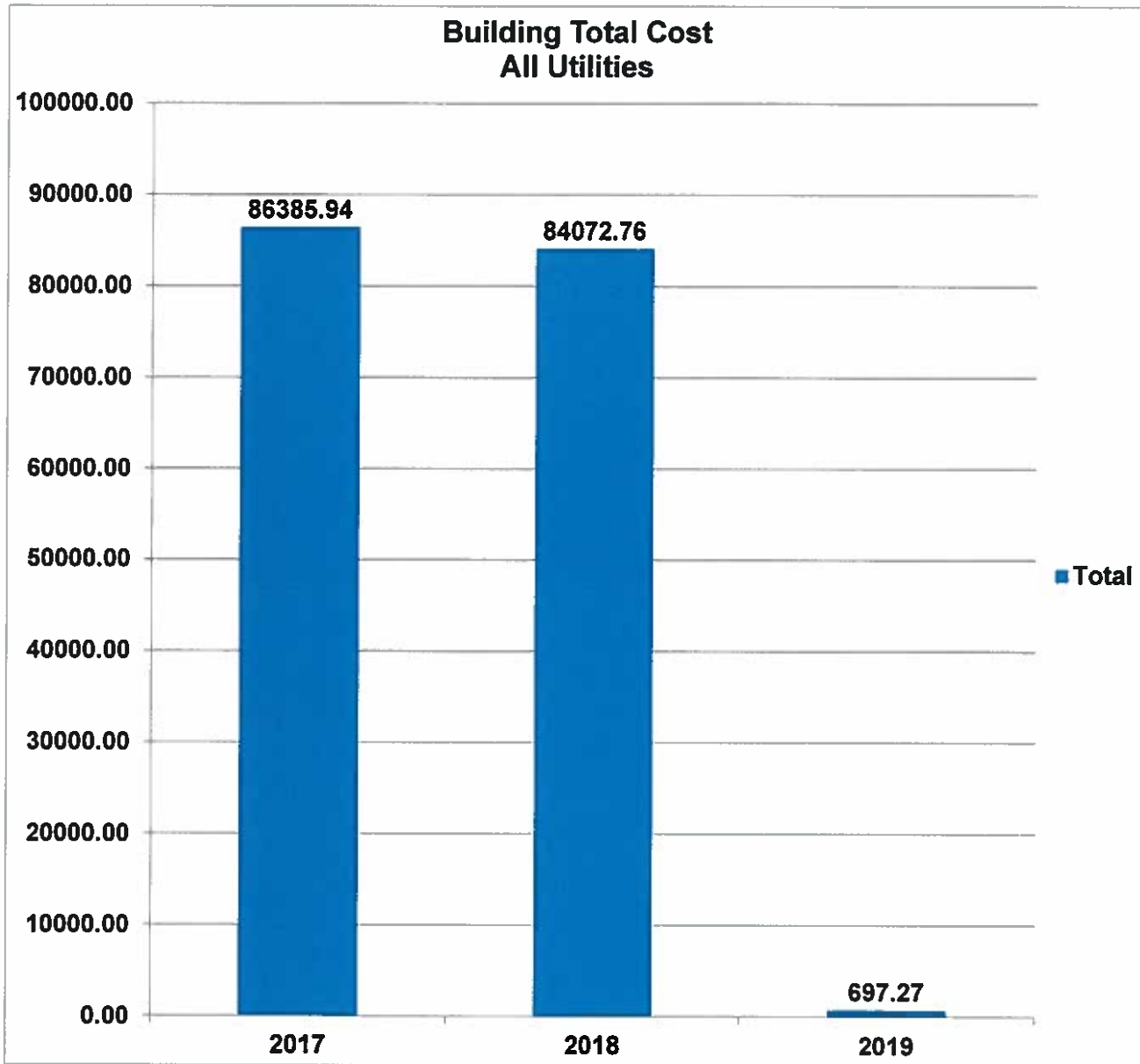
# Stumbo Elementary School

## 2016-2017 / 2017-2018

### School Years

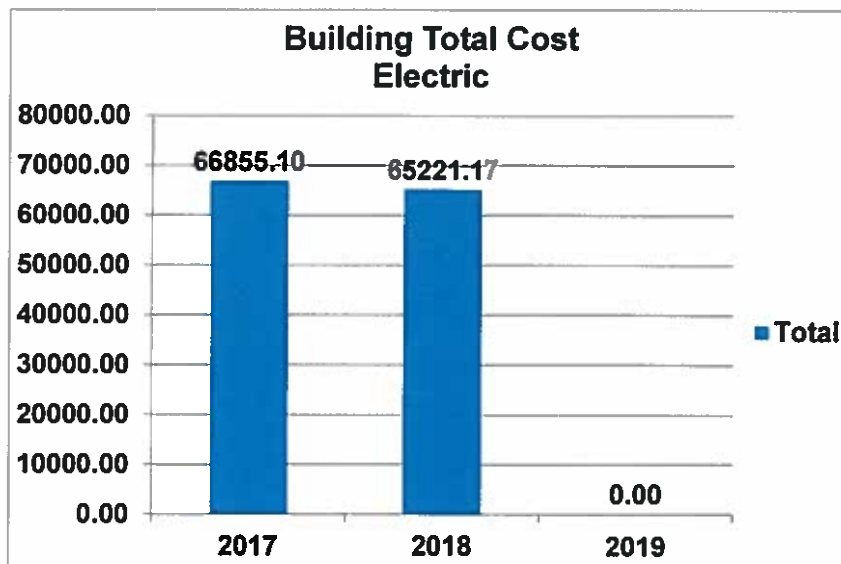


Cost	
Year	Total
2017	86385.94
2018	84072.76
2019	697.27
Grand Total	171155.97

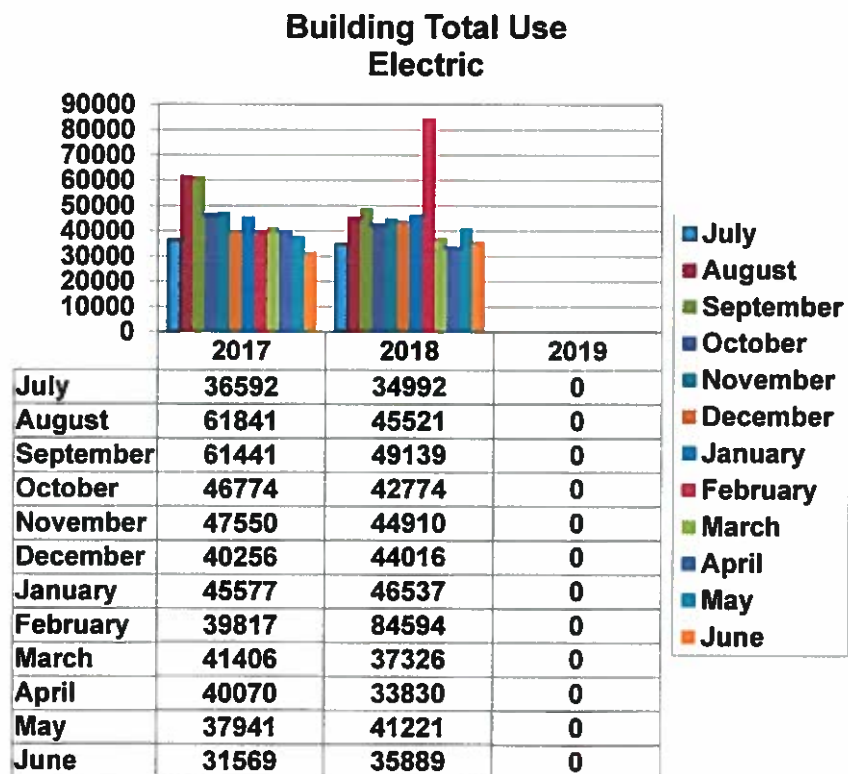


**All Utilities Deceased by \$2,313.18**

Cost	
Year	Total
2017	66855.10
2018	65221.17
2019	0.00
Grand Total	132076.27

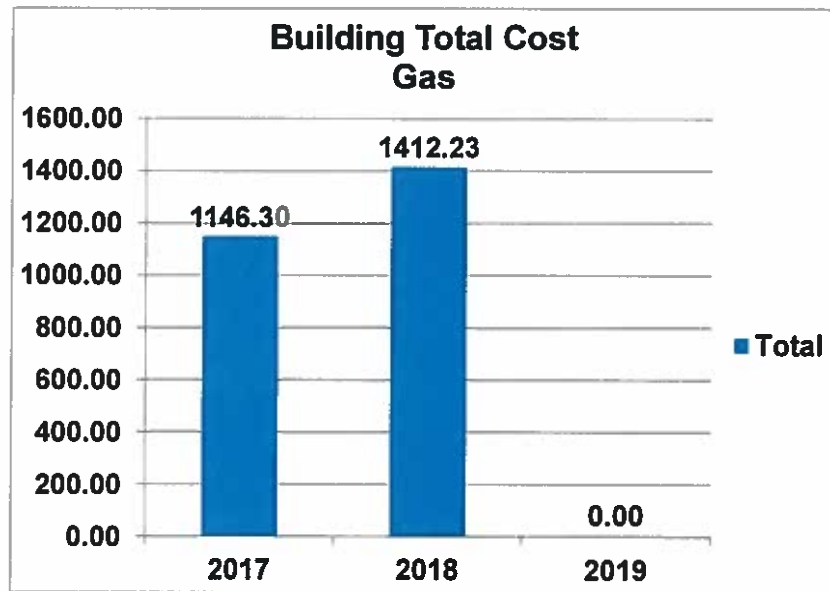


Use	
Year	Grand Total
2017	530834.00
2018	540749.00
2019	0.00
Grand Total	1071583.00

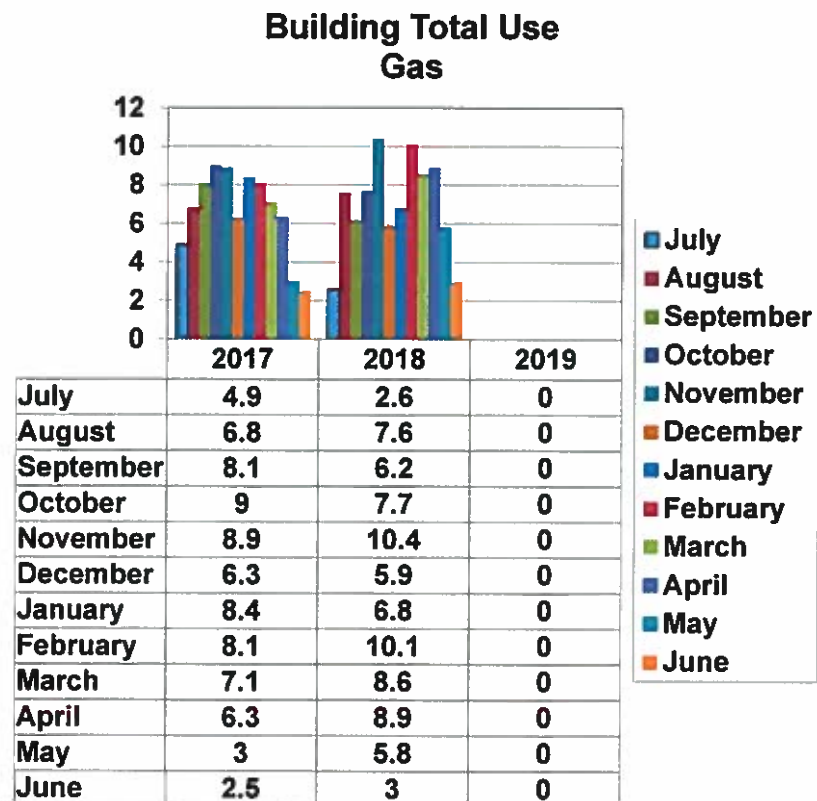


Total Electric Cost Decreased by \$1,633.93  
 Total Electric Use Increased by 9,915 KWH  
 Cost Per KWH in 2017 - \$.1260  
 Cost Per KWH in 2018 - \$.1206

Cost	
Year	Total
2017	1146.30
2018	1412.23
2019	0.00
<b>Grand Total</b>	<b>2558.53</b>

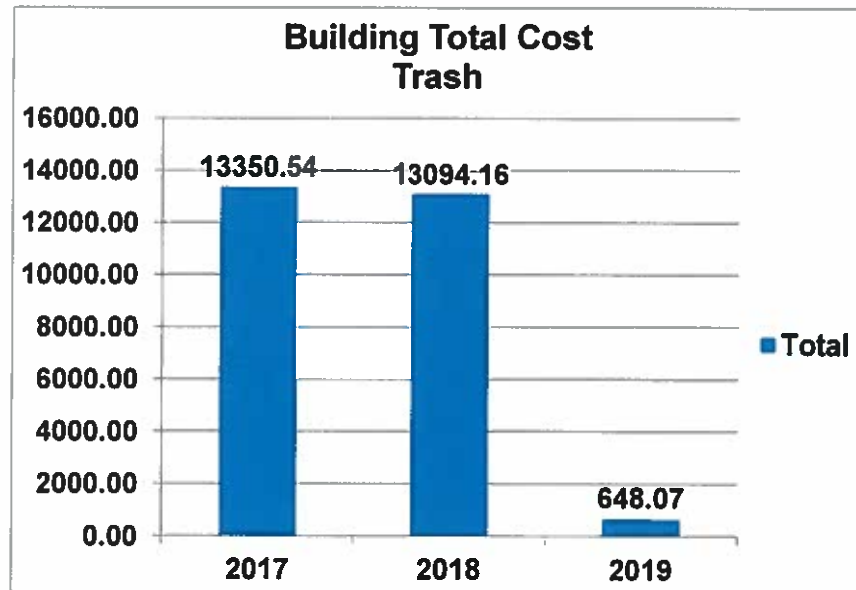


Use	
Year	Grand Total
2017	79.40
2018	83.60
2019	0.00
<b>Grand Total</b>	<b>163.00</b>

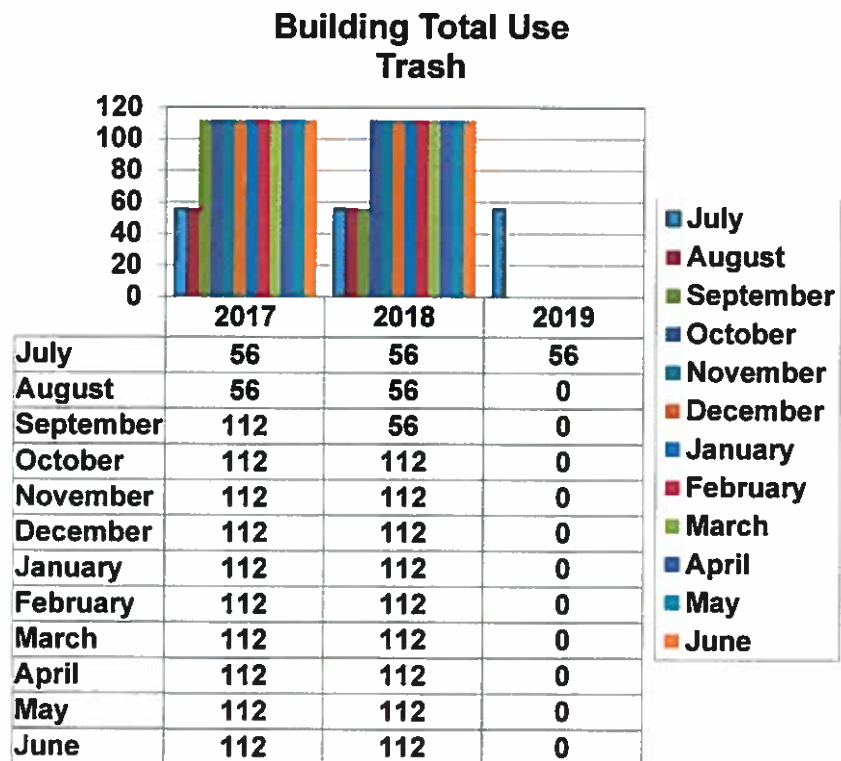


Total Gas Cost Increased by \$265.93  
 Total Gas Use Increased by 4.2 MCF  
 Gas Cost Per MCF in 2017 - \$14.44  
 Gas Cost Per MCF in 2018 - \$16.89

Cost	
Year	Total
2017	13350.54
2018	13094.16
2019	648.07
Grand Total	27092.77

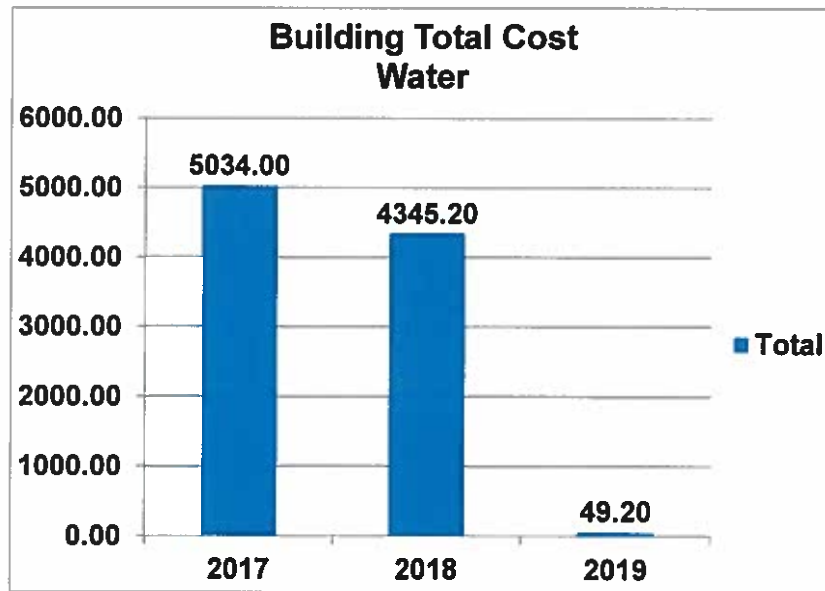


Use	
Year	Grand Total
2017	1232.00
2018	1176.00
2019	56.00
Grand Total	2464.00

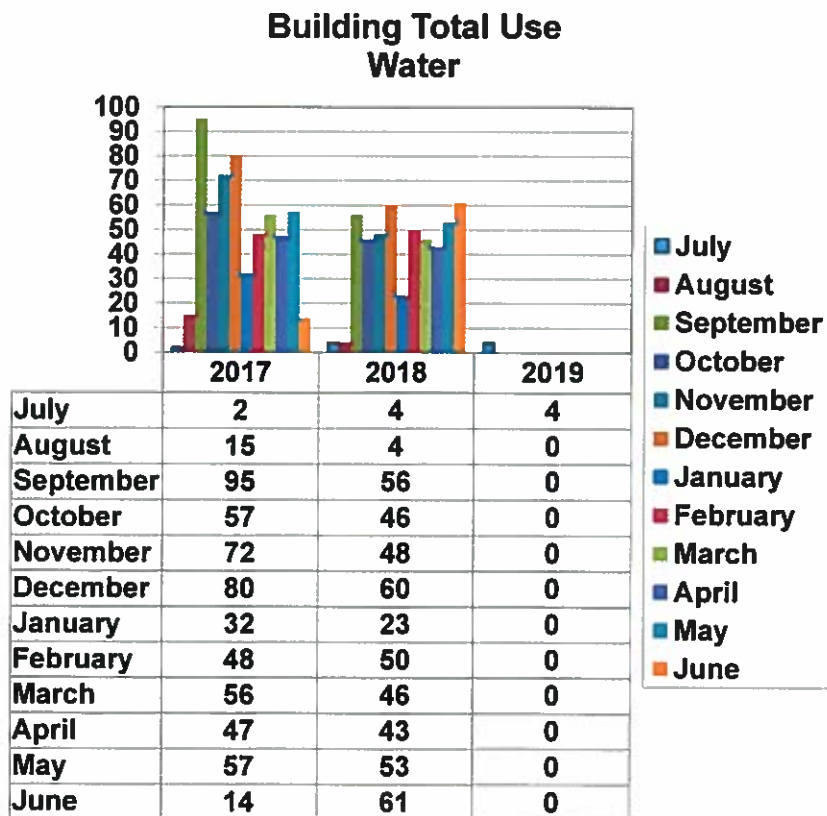


Total Trash Cost Decreased by \$256.38  
 Total Trash Use Decreased by 56 Cubic Yards  
 Cost Per Cubic Yards in 2017 - \$10.84  
 Cost Per Cubic Yards in 2018 - \$11.13

Cost	
Year	Total
2017	5034.00
2018	4345.20
2019	49.20
Grand Total	9428.40



Use	
Year	Grand Total
2017	575.00
2018	494.00
2019	4.00
Grand Total	1073.00



Total Water Cost Decreased by \$688.80  
 Total Water Use Decreased by 81 KGAL  
 Cost Per KGAL in 2017 - \$8.75  
 Cost Per KGAL in 2018 - \$8.80



Month	Year Data					
	2018		2017		2016	
	HDD	CDD	HDD	CDD	HDD	CDD
Jan	1044	0	712	0	996	0
Feb	538	8	496	3	758	0
Mar	711	1	549	3	358	8
Apr	430	16	146	63	252	31
May	5	229	112	88	161	69
Jun	0	252	8	178	3	240
Jul	0	329	0	297	0	342
Aug	0	112	4	204	0	371
Sep	0	0	52	95	15	219
Oct	0	0	210	59	130	57
Nov	0	0	528	4	441	16
Dec	0	0	886	0	784	0
Grand Total	2728	947	3703	994	3898	1353

Heating degree day (HDD) is measurement designed to reflect the demand for energy needed to heat a home or Business. It is derived from measurements of outside air Temperature. The heating requirements for a given structure at a specific location are considered to directly proportional to the number of HDD at that location. A similar measurement, cooling degree day (CDD), reflects the amount of energy used to cool a home Or business.

