



**FLOYD COUNTY BOARD OF EDUCATION**  
**Stephen A. Trimble, Interim Superintendent**  
**106 North Front Avenue**  
**Prestonsburg, Kentucky 41653**  
**Telephone (606) 886-2354 Fax (606) 886-4550**  
**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 South Floyd Elementary.

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

**Fiscal Budgetary Impact:**

2015/2016 SY (July 15-June 16) \$178,220.03

2016/2017 SY (July 16-June 17) \$179,105.18

**History / Background:**

**March 2018**

Board received utility report for Prestonsburg Elementary School.

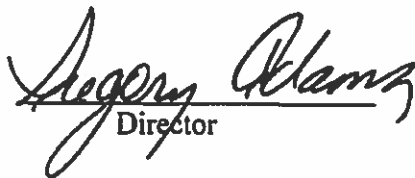
**Staff Recommendation:** To accept report as presented.

**Contact Person:**

Gregory Adams

Director of Facilities

(606) 874-9569

  
Director

  
Superintendent

**DATE:** April 23, 2018

# Utility Report

## April 23, 2018



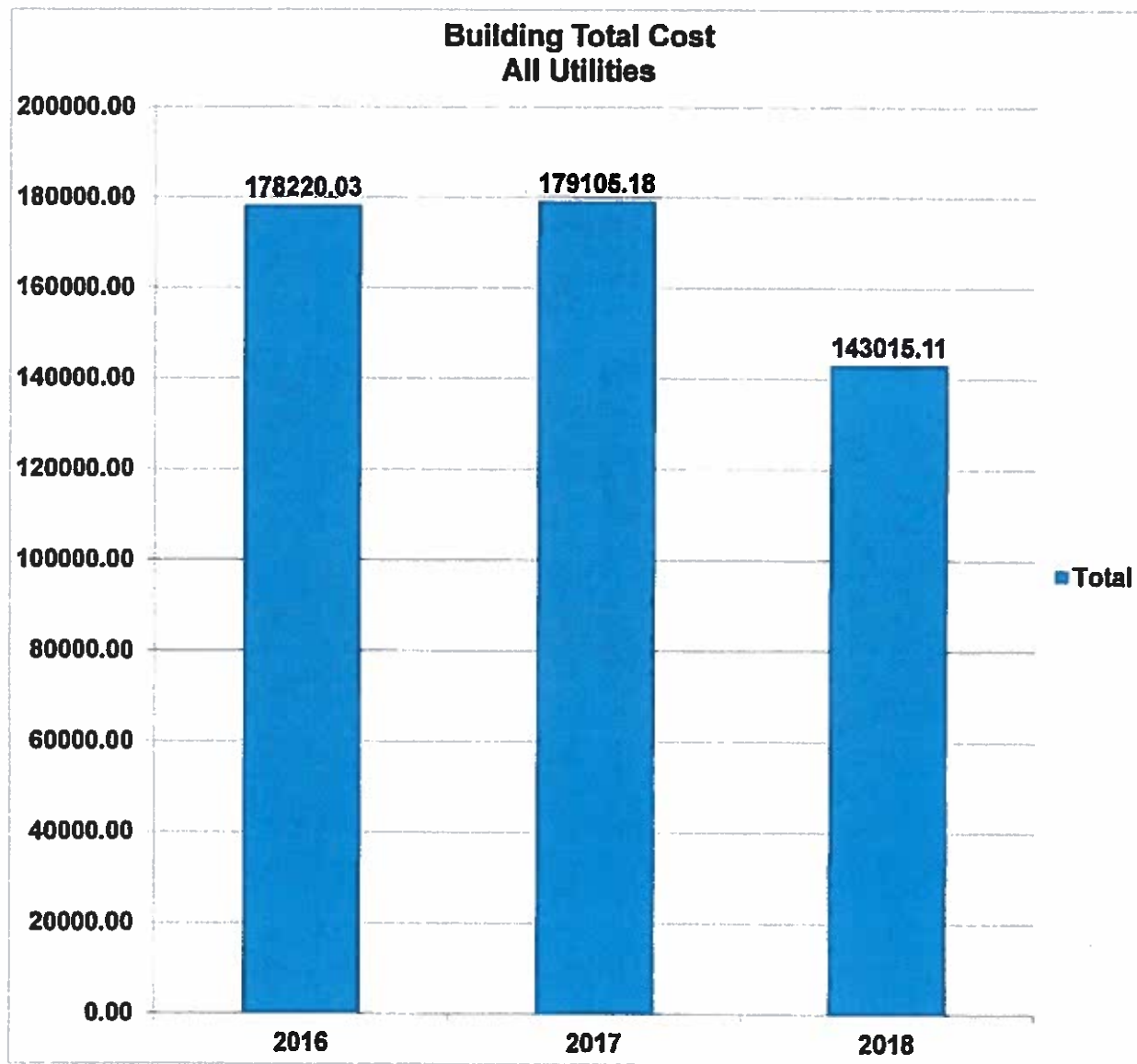
### South Floyd Elementary

### 2015-2016/ 2016-2017

### School Years

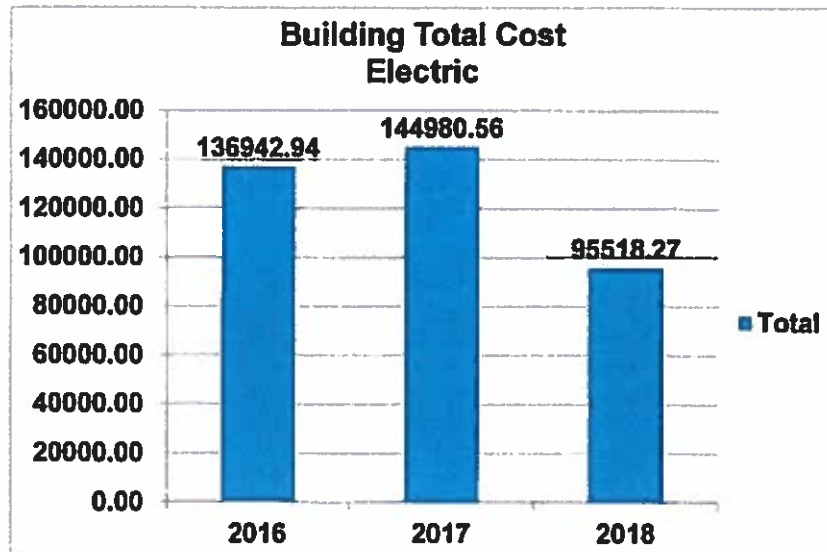


Cost	
Year	Total
2016	178220.03
2017	179105.18
2018	143015.11
Grand Total	500340.32

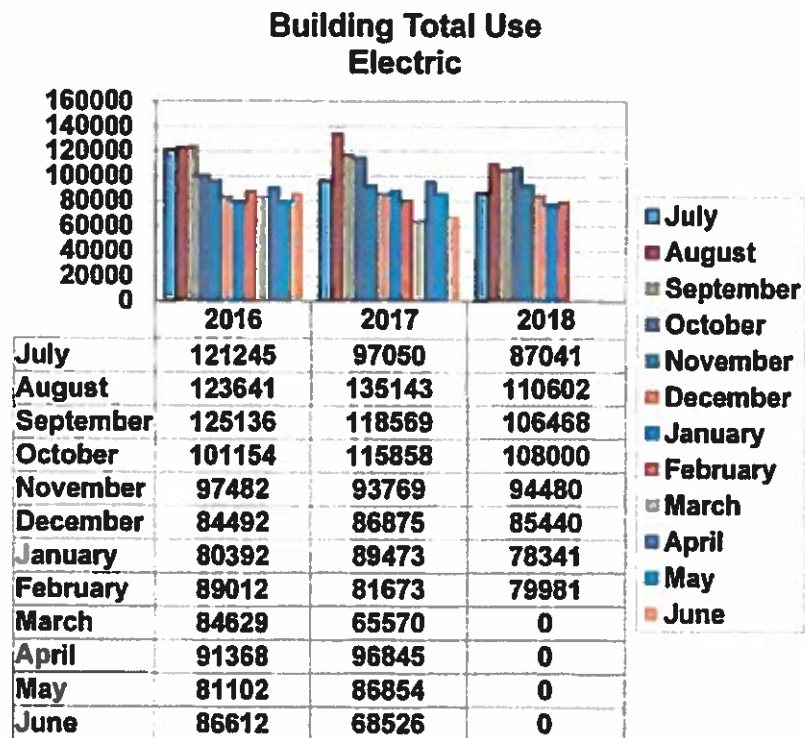


**Total Utilities Increased by \$885.15**

Cost Year	Total
2016	136942.94
2017	144980.56
2018	95518.27
<b>Grand Total</b>	<b>377441.77</b>



Use Year	Grand Total
2016	1166265.00
2017	1136205.00
2018	750353.00
<b>Grand Total</b>	<b>3052823.00</b>

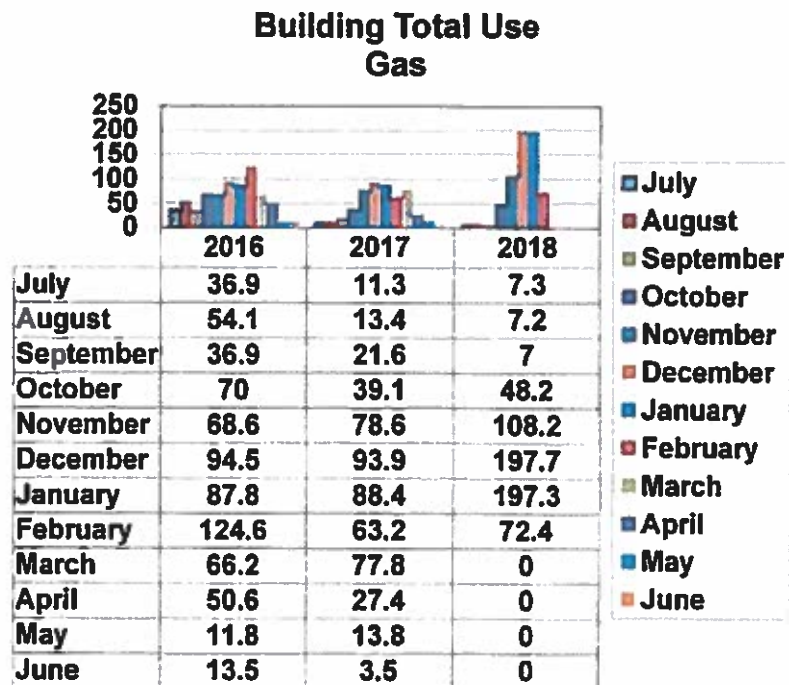


Total Electric Cost Increased by \$8,037.62  
 Total Electric Use Decreased by 30,060 KWH  
 Cost Per KWH in 2016 - \$.1174  
 Cost Per KWH in 2017 - \$.1276

Cost	
Year	Total
2016	4110.46
2017	4732.62
2018	5595.72
Grand Total	14438.80

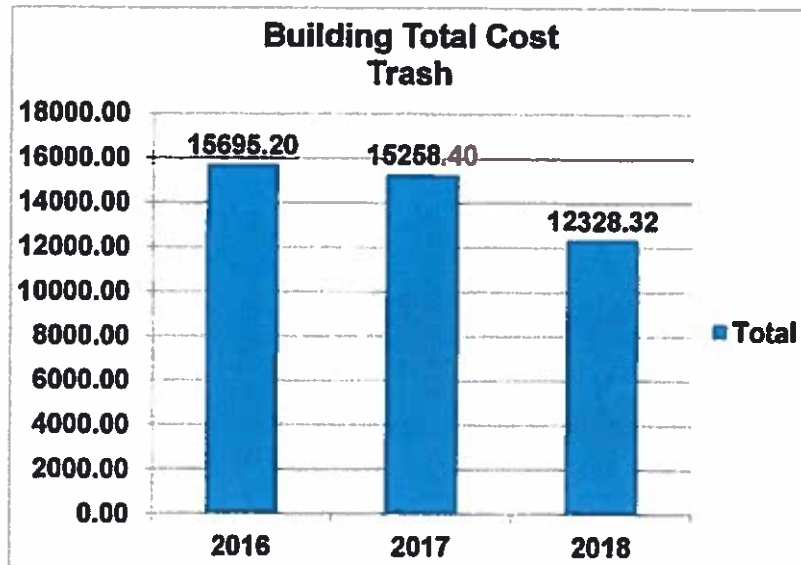


Use	
Year	Grand Total
2016	715.50
2017	532.00
2018	645.30
Grand Total	1892.80

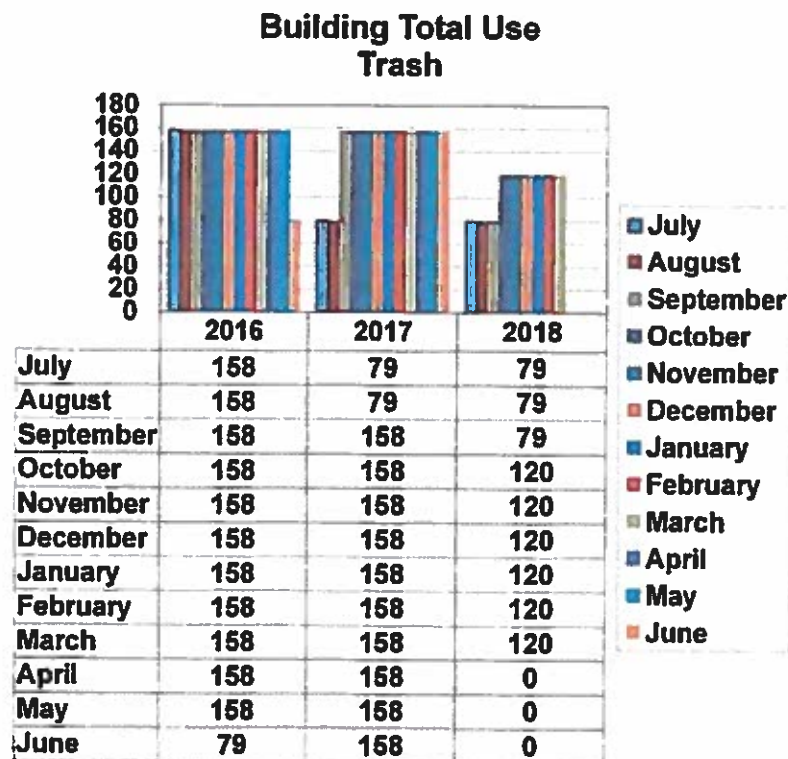


Total Gas Cost Increased by \$622.16  
 Total Gas Use Decreased by 183.50 MCF  
 Gas Cost Per MCF in 2016 - \$5.74  
 Gas Cost Per MCF in 2017 - \$8.90

Cost	
Year	Total
2016	15695.20
2017	15258.40
2018	12328.32
Grand Total	43281.92

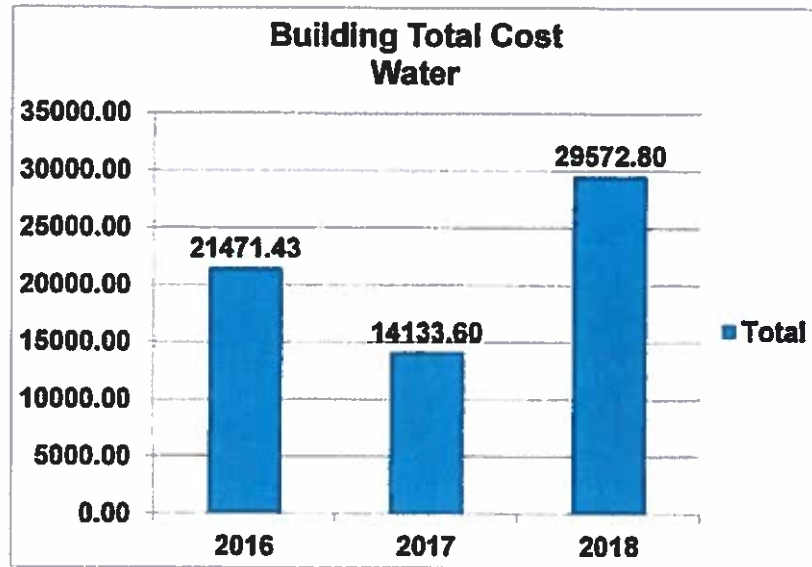


Use	
Year	Grand Total
2016	1817.00
2017	1738.00
2018	957.00
Grand Total	4512.00

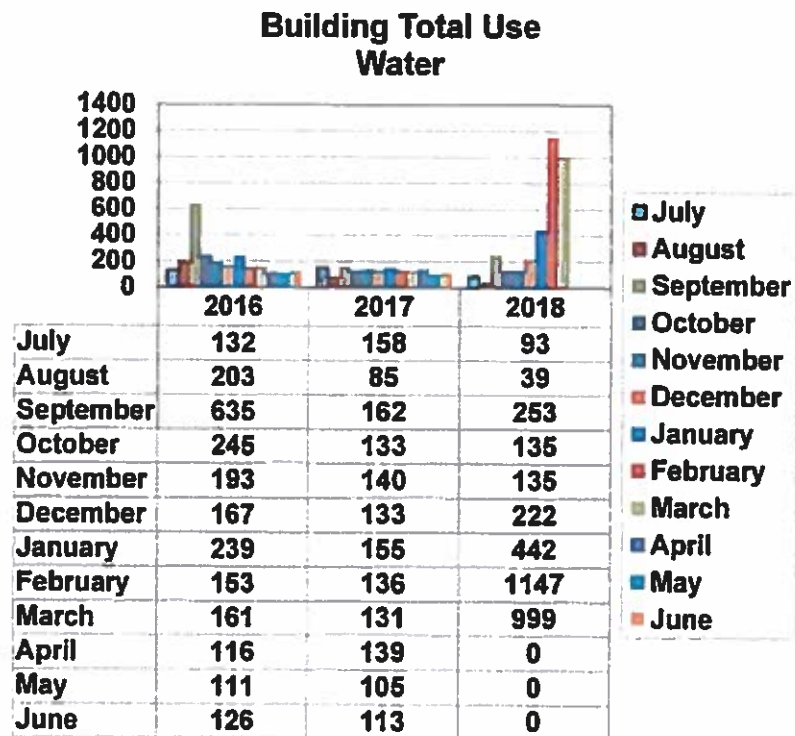


Total Trash Cost Decreased by \$436.80  
 Total Trash Use Decreased by 79 Cubic Yards  
 Trash Cost Per Cubic Yards in 2016 - \$8.64  
 Trash Cost Per Cubic Yards in 2017 - \$8.78

Cost Year	Total
2016	21471.43
2017	14133.60
2018	29572.80
Grand Total	65177.83



Use Year	Grand Total
2016	2481.00
2017	1590.00
2018	3465.00
Grand Total	7536.00



Total Water Cost Decreased by \$7,337.83  
 Total Water Use Decreased by 891 KGAL  
 Total Water Cost Per KGAL in 2016 - \$8.65  
 Total Water Cost Per KGAL in 2017 - \$8.89



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	695	1	549	3	358	8
Apr	173	0	146	63	252	31
May	0	0	114	88	161	69
Jun	0	0	8	178	3	240
Jul	0	0	0	297	0	342
Aug	0	0	4	204	0	371
Sep	0	0	52	95	15	219
Oct	0	0	210	59	130	57
Nov	0	0	515	4	441	16
Dec	0	0	886	0	784	0
Grand Total	2450	9	3692	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.

