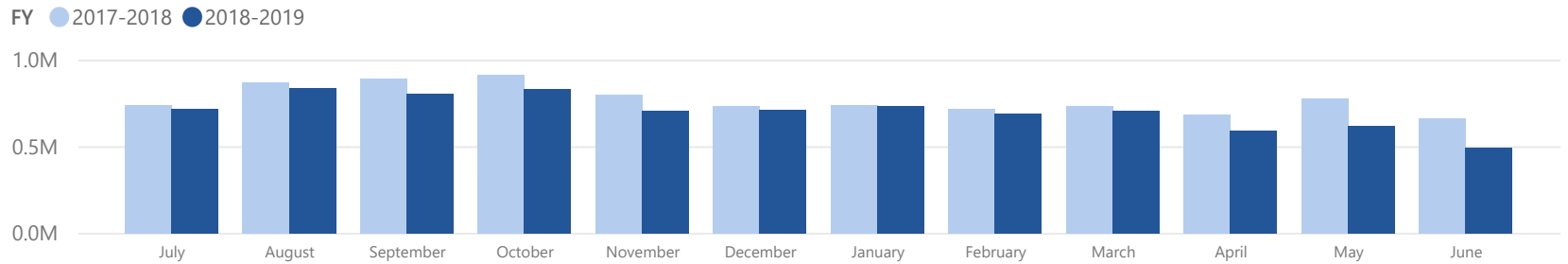


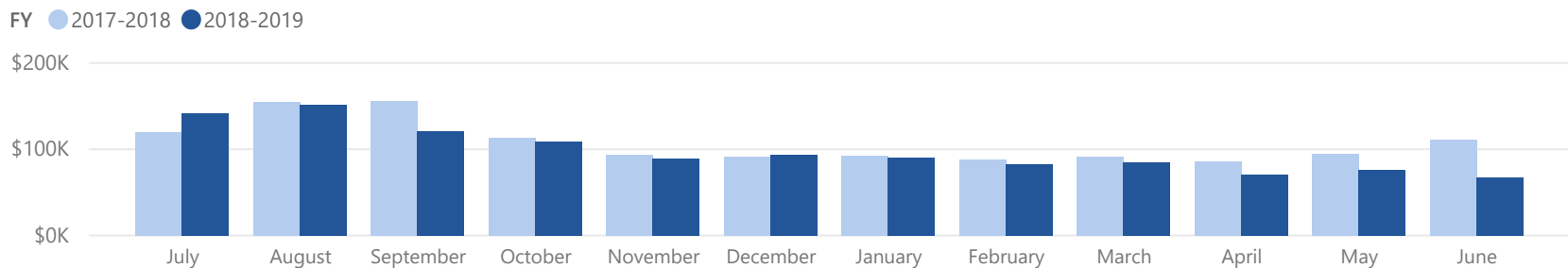
## District Energy Totals

There are several projects currently scoped over the next few years which will affect the District's total electric usage. IES will coordinate closely with the District to ensure awareness as to the progress of Facilities Improvement Projects and any others as they pertain to energy management. Thus far, all LED lighting projects were completed as of March 2019. Additionally, several of the sites were retrofitted with HVAC units, and are consequently operating at a higher consumption rate. Lastly, SAMOHI and Malibu HS are currently undergoing major construction. The following report breaks down energy usage by site considering all these factors.

### Total Electric kWh by Month and Fiscal Year

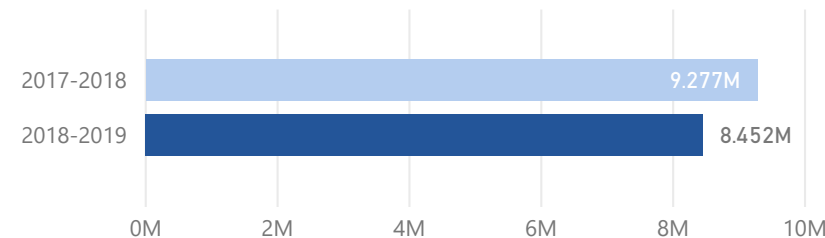


### Total Electric Cost (\$) by Month

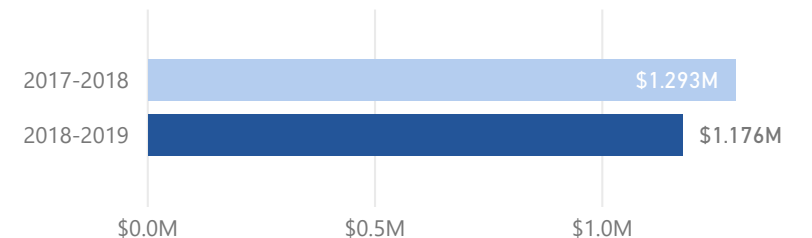


**Please note that data is not complete through the month of June 2019, as well as for Will Rogers, Point Dume, and Grant Elementary in the month of May 2019.**

### Total Electric kWh by Fiscal Year

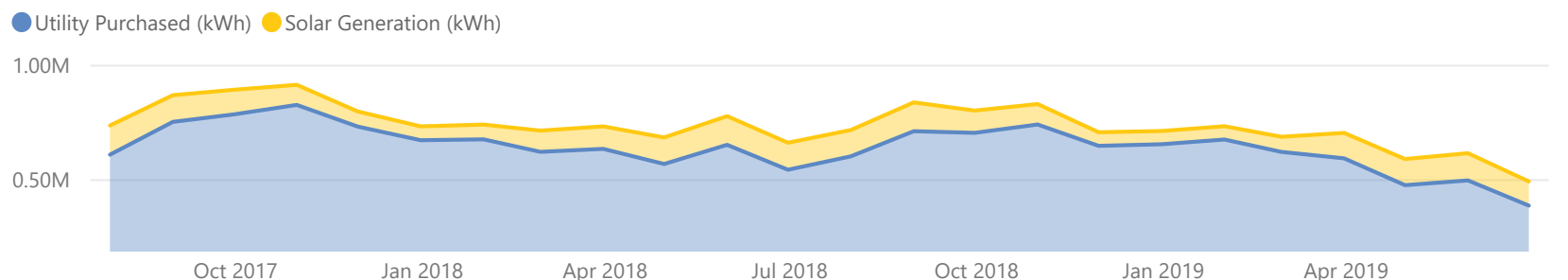


### Total Electric Cost by Fiscal Year



**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

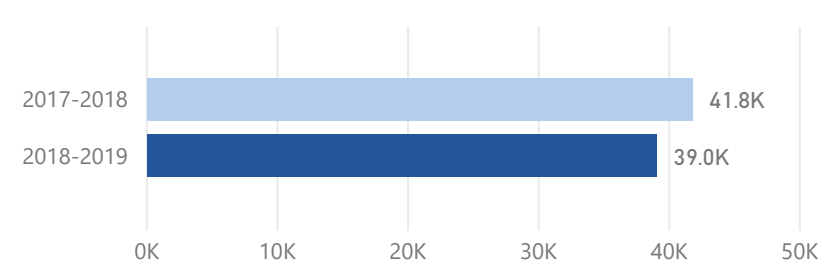
### Total Energy Use (kWh) by Month



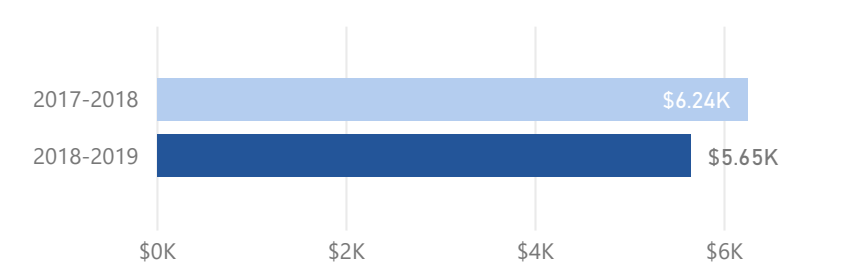
## Bus Barn Energy Totals

All

### Total Electric kWh by Fiscal Year

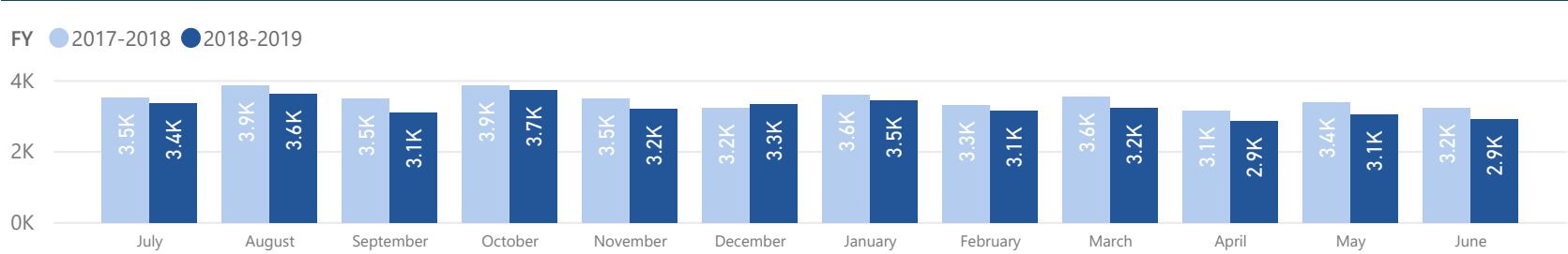


### Total Electric Cost by Fiscal Year

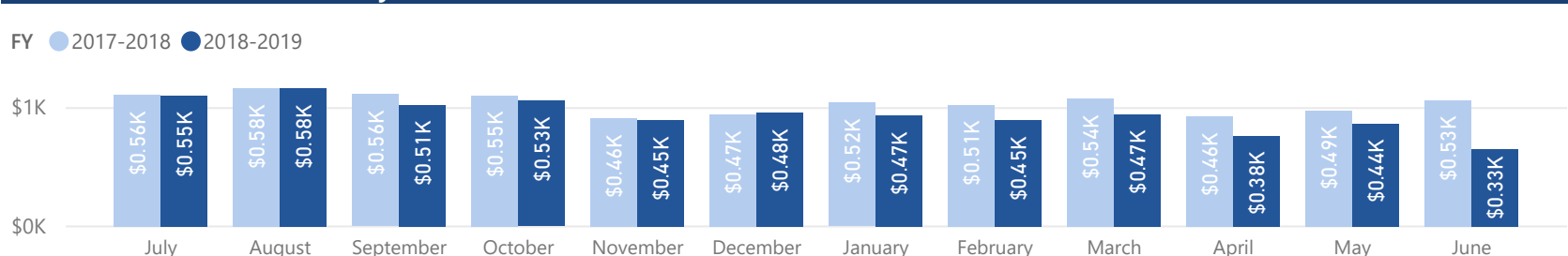


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

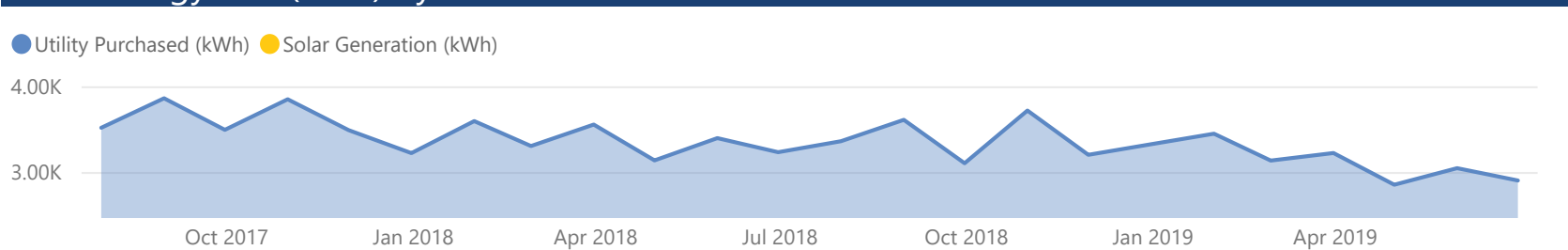
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Bus Barn showed an decrease in energy usage of 350 kWh (11.4% reduction), yielding a savings of about \$56. There were no new HVAC units installed or Prop 39, indicating these savings came from behavioral measure changes or an alternate form of energy savings. From the months of July 2018-May 2019, approximately 2,397 kWh (6.2% reduction) has been saved and \$391.

### Energy kWh Savings

**2.40K**

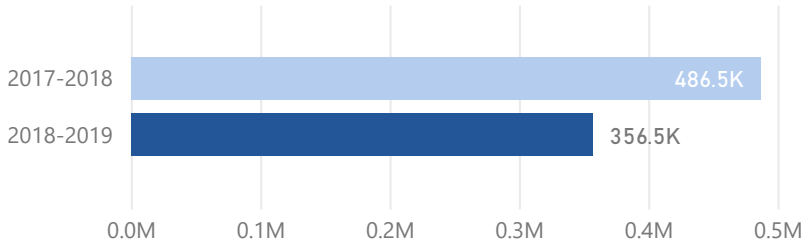
### Purchased Utility Cost Savings

**\$0.40K**

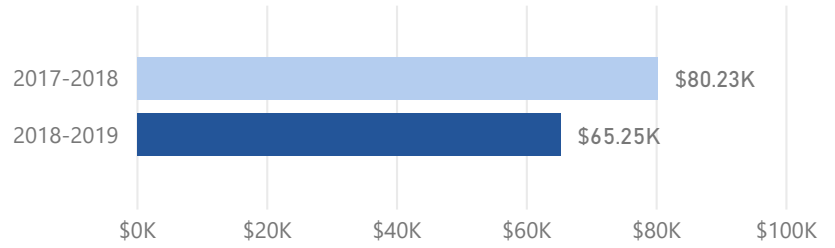
## District Office Energy Totals

All

### Total Electric kWh by Fiscal Year

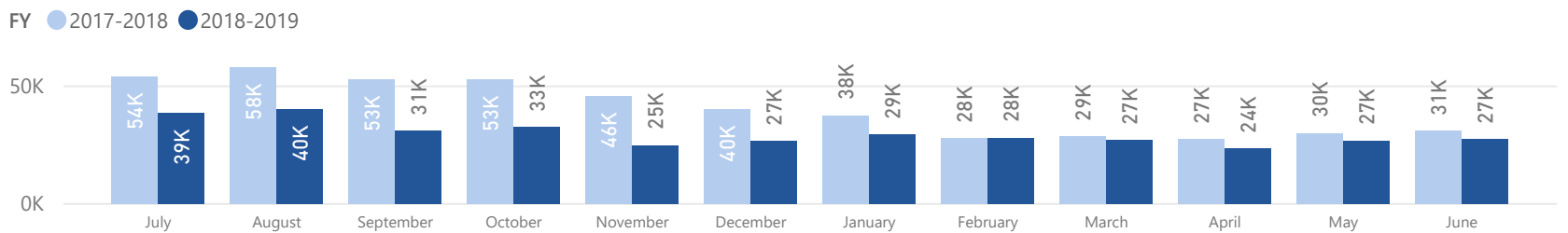


### Total Electric Cost by Fiscal Year

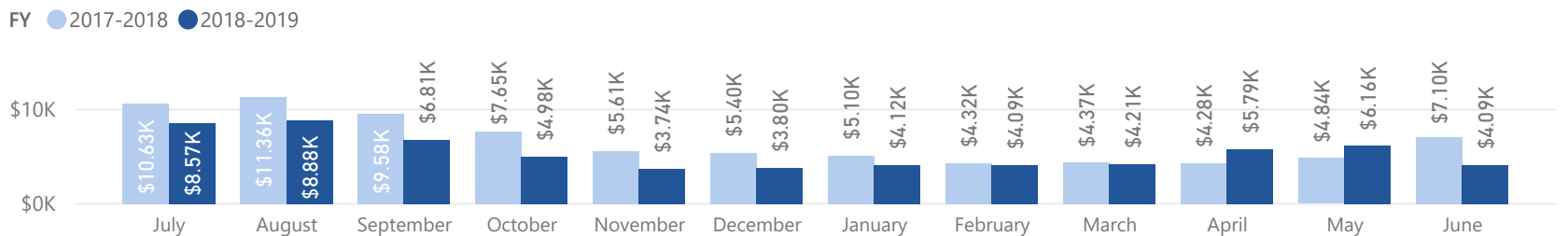


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

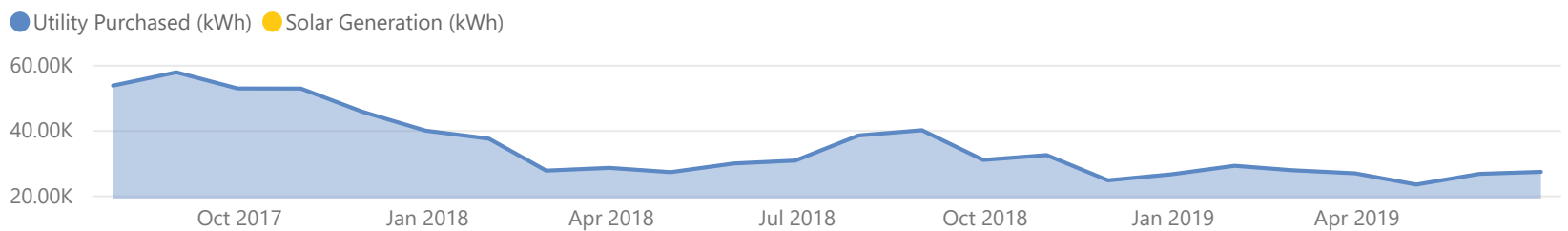
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, District Office showed a decrease in energy of 3,183 kWh (10.6% reduction), though costs increased by \$1,313 due to increased rates. Lighting was updated to LED in the recent months, which contributed to a certain percentage of these savings. However, the majority of the energy savings was a result of upgrades to IT equipment. From the months of July 2018-May 2019, about 126,447 kWh (27.8% reduction) and \$11,978 was saved.

### Energy kWh Savings

**126.45K**

### Purchased Utility Cost Savings

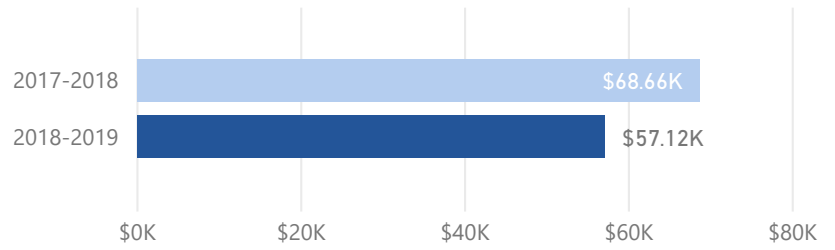
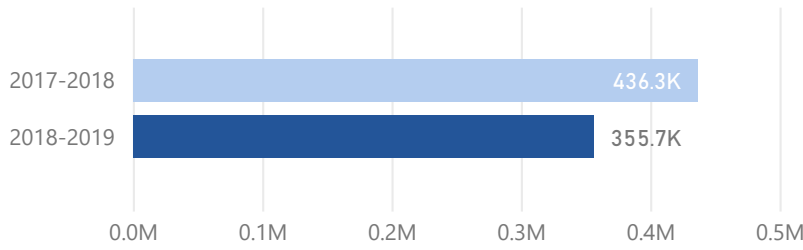
**\$11.98K**

## Edison Elementary Energy Totals

All

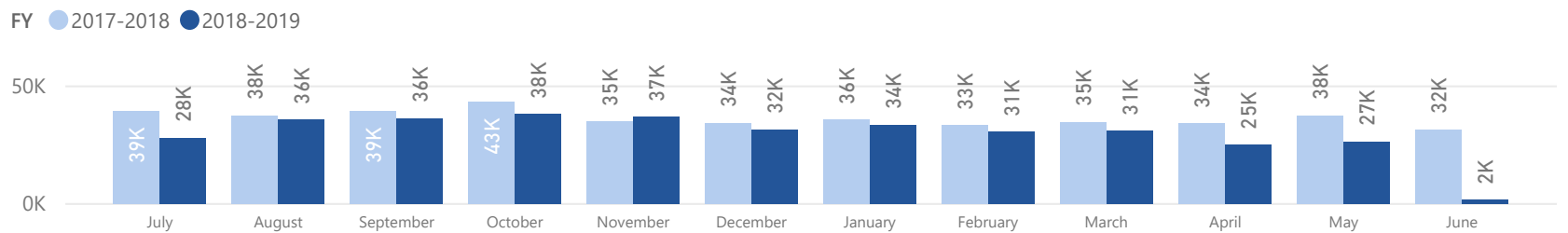
### Total Electric kWh by Fiscal Year

### Total Electric Cost by Fiscal Year

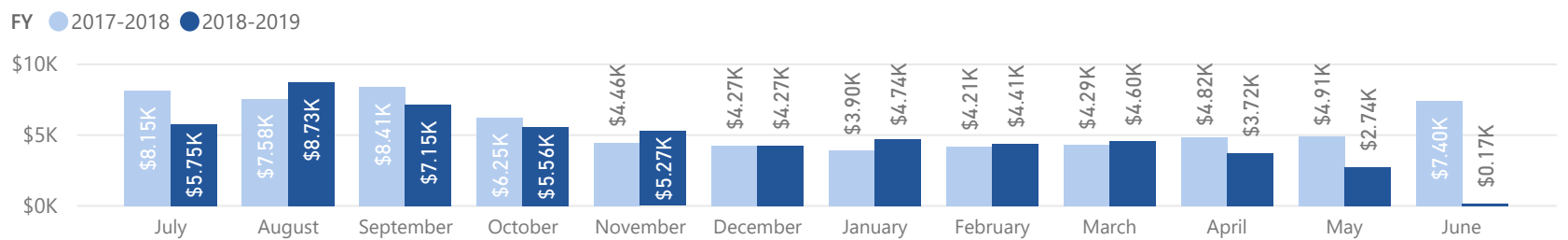


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

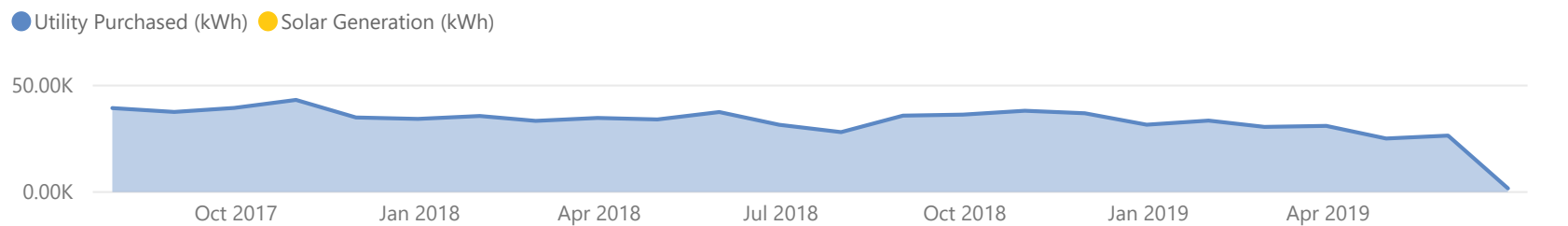
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Edison Elementary showed an overall decrease in energy of 11,059 kWh (29.4% reduction), and decreased in cost of approximately \$2,171. Lighting was updated to LED in the recent months, which contributed to a large percentage of these savings. From the months of July 2018-May 2019, approximately 50,717 kWh (12.5% reduction) and \$4,305 was saved.

### Energy kWh Savings

**50.72K**

### Purchased Utility Cost Savings

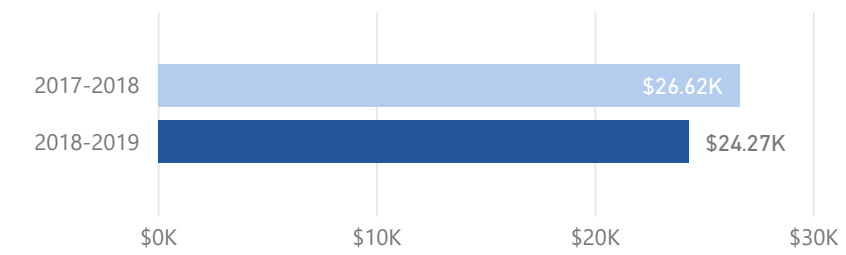
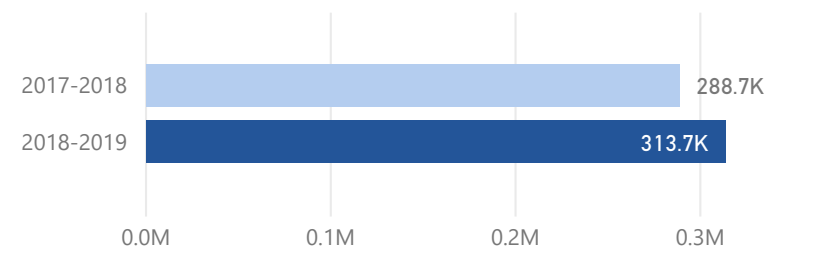
**\$4.31K**

## Franklin Elementary Energy Totals

All

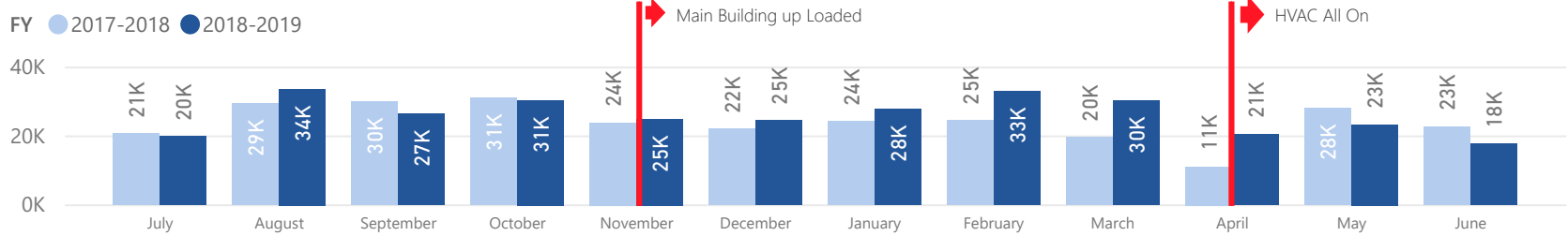
### Total Electric kWh by Fiscal Year

### Total Electric Cost by Fiscal Year

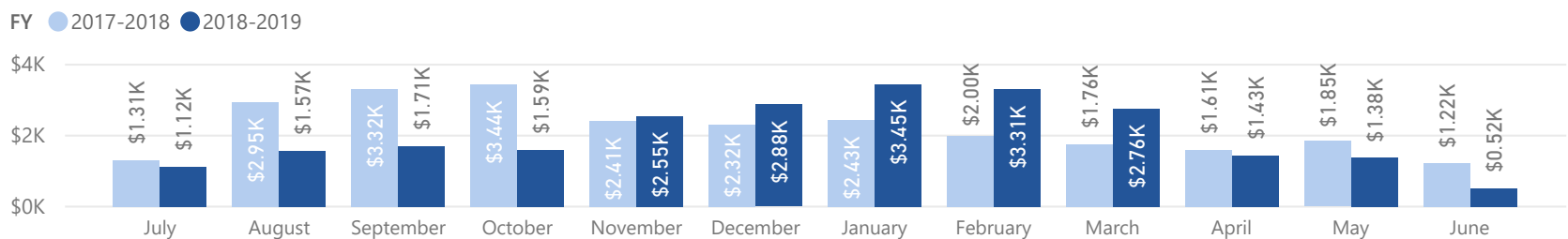


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

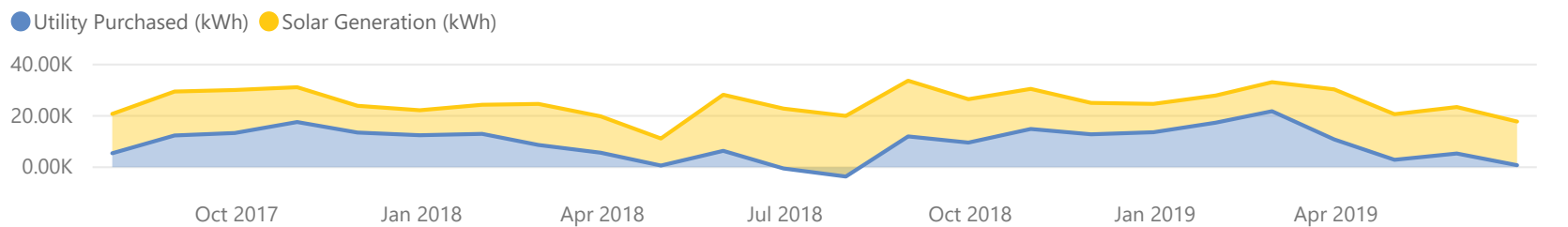
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Franklin Elementary showed an decrease in energy usage of 4,791 kWh (17% reduction) and an decrease in cost of \$471. This is most likely due to the installation of new AC units in classrooms which in previous years did not have mechanical cooling. Since there was less need for cooling during the winter months, energy usage from the AC units are just recently starting to increase energy usage. From the months of July 2018-May 2019, energy increased by about 30,084 kWh (11.3% increase), though costs have decreased by \$1,648.

### Energy kWh Savings

**-30.08K**

### Purchased Utility Cost Savings

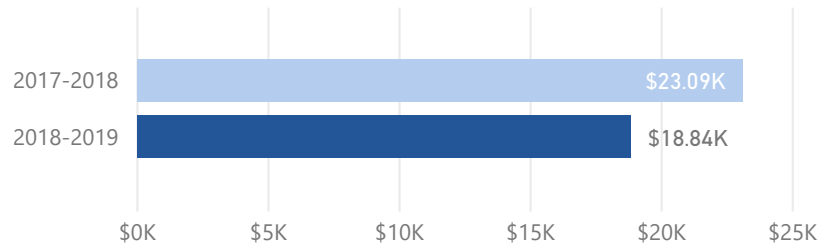
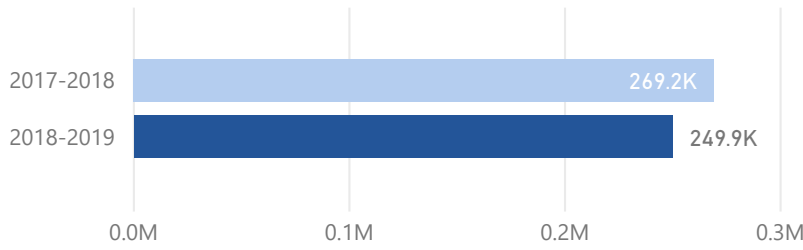
**\$1.65K**

## Grant Elementary Energy Totals

All

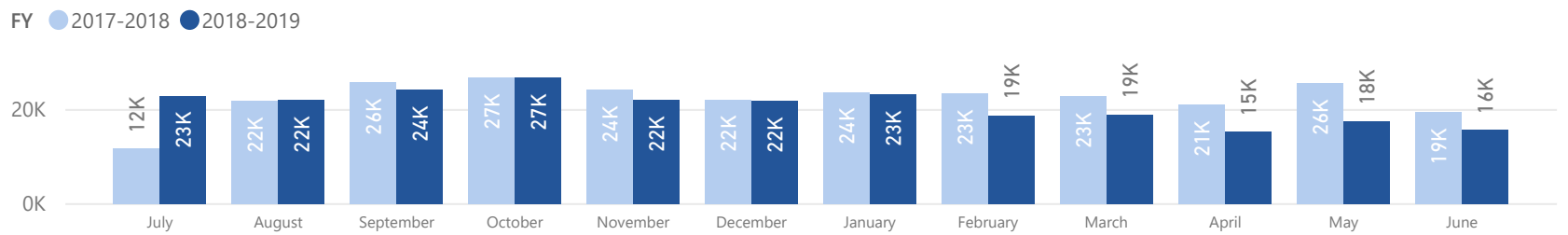
### Total Electric kWh by Fiscal Year

### Total Electric Cost by Fiscal Year

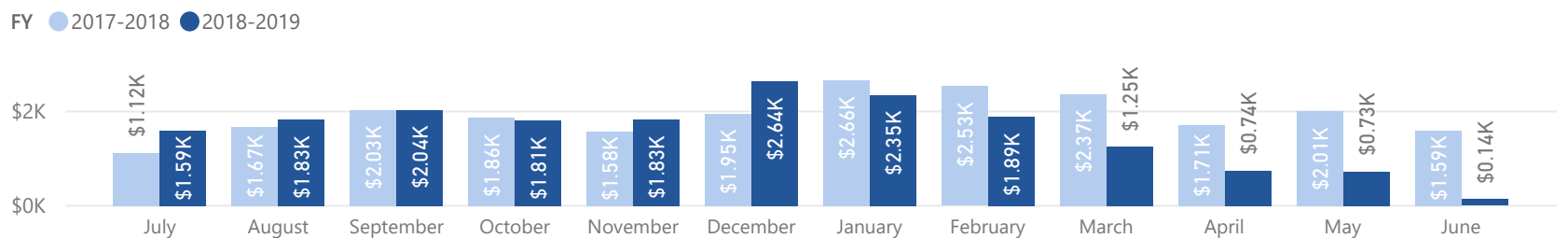


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

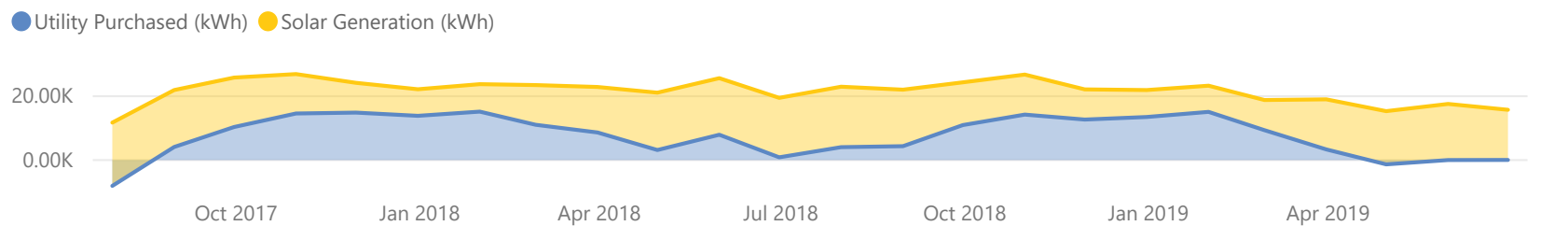
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Grant showed an decrease in energy usage of 8,065 kWh (31.5% reduction). New LED lighting was installed in the recent months replacing the less efficient older fixtures. From the months of July 2018-May 2019, approximately 15,474 kWh (6.2% reduction). Cost savings were not included for this report since cost data is not complete through the month of May 2019.

### Energy kWh Savings

**15.47K**

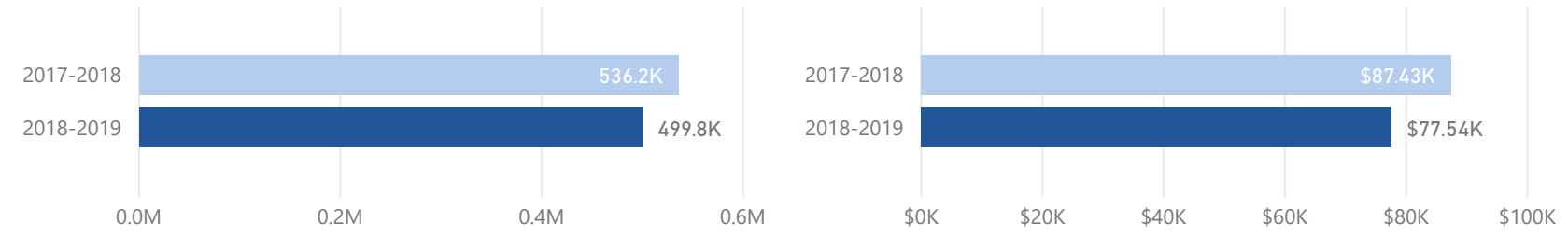
### Purchased Utility Cost Savings

**N/A**

## John Adams MS Energy Totals

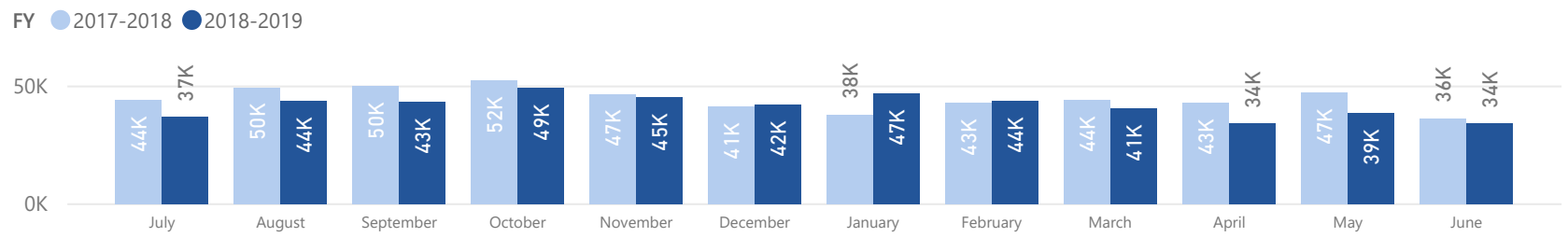
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

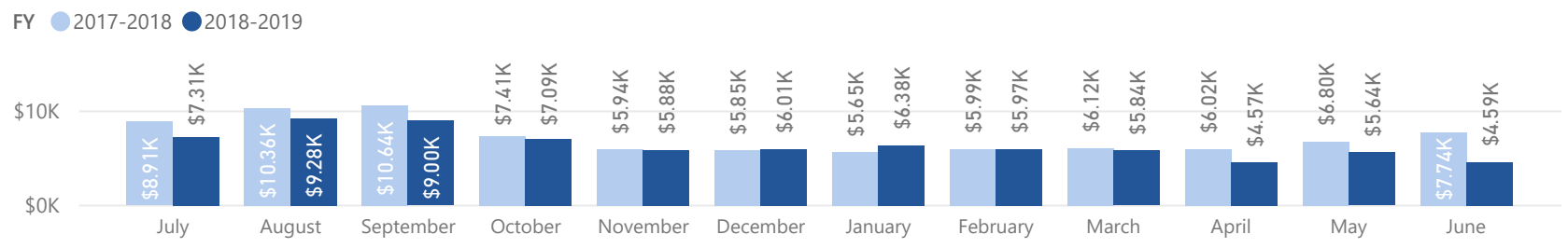


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

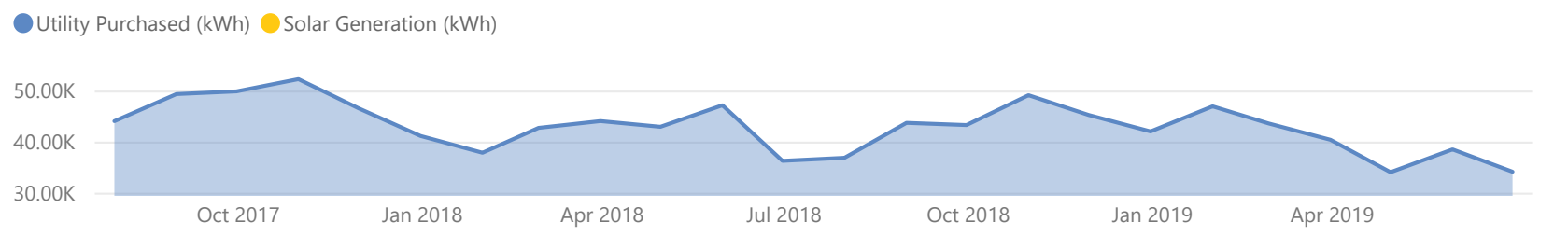
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



**Site Overview**

In the month of May 2019, JAMS showed a decrease in energy usage of 8,645 kWh (18.3% reduction), causing a decrease in cost of \$1,165. New LED lighting was installed in the recent months, which may have contributed to the recent month of energy reduction. From the months of July 2018-May 2019, approximately 34,247 kWh (6.9% reduction) and \$6,741 has been saved.

**Energy kWh Savings**

**34.25K**

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**Purchased Utility Cost Savings**

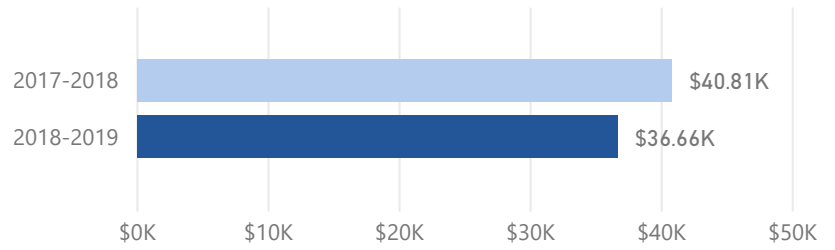
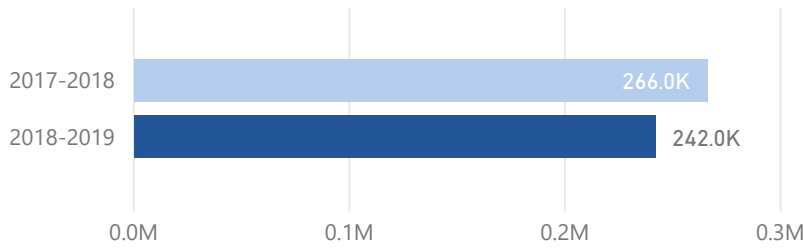
**\$6.74K**

## John Muir Elementary/SMASH Energy Totals

All

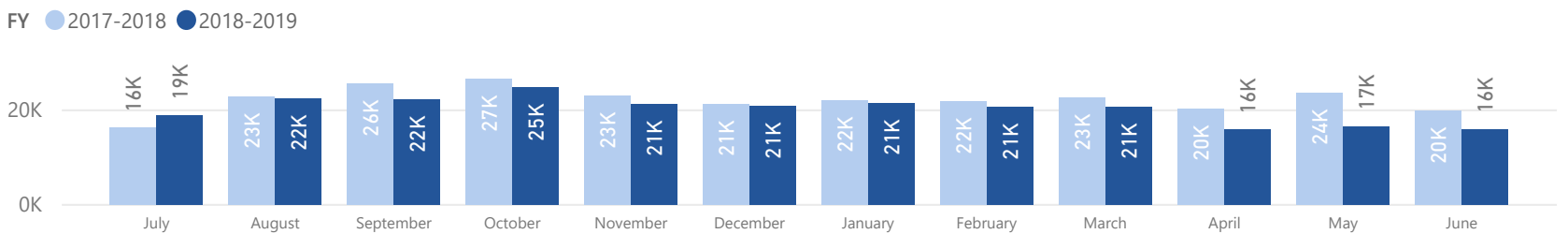
### Total Electric kWh by Fiscal Year

### Total Electric Cost by Fiscal Year

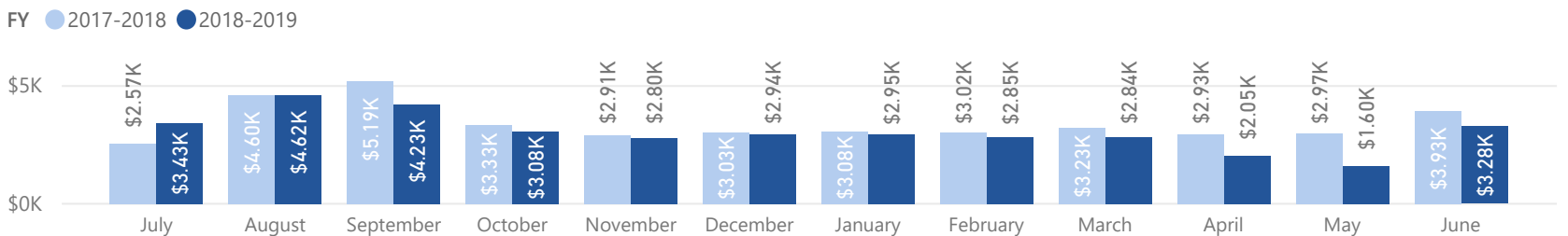


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

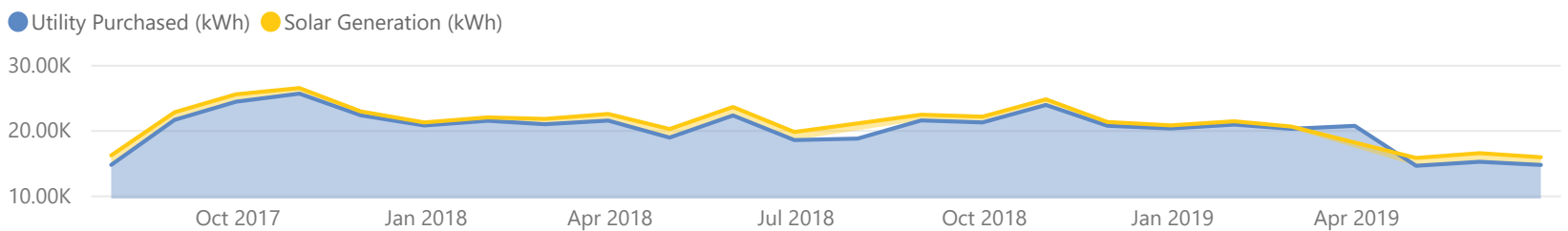
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Muir/SMASH showed a decrease in energy usage of 7,076 (29.9% reduction), yielding a savings of about \$1,378. New LED lighting was installed in the recent months, which may have contributed to the energy savings. From the months of July 2018-May 2019, about 20,119 kWh (8.2% reduction) and \$3,499 has been saved.

### Energy kWh Savings

**20.12K**

### Purchased Utility Cost Savings

**\$3.50K**



## Juan Cabrillo Elementary Energy Totals

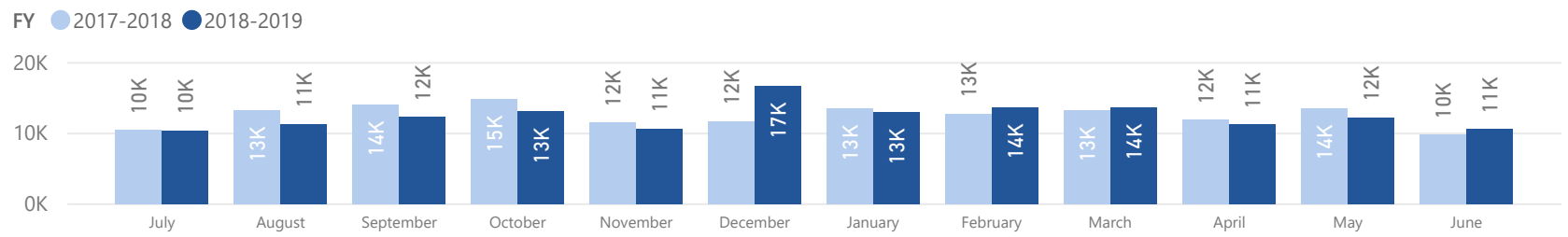
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

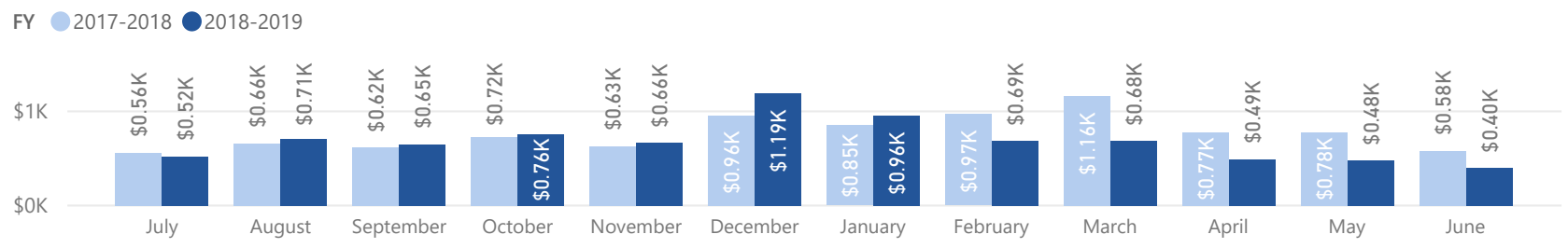


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

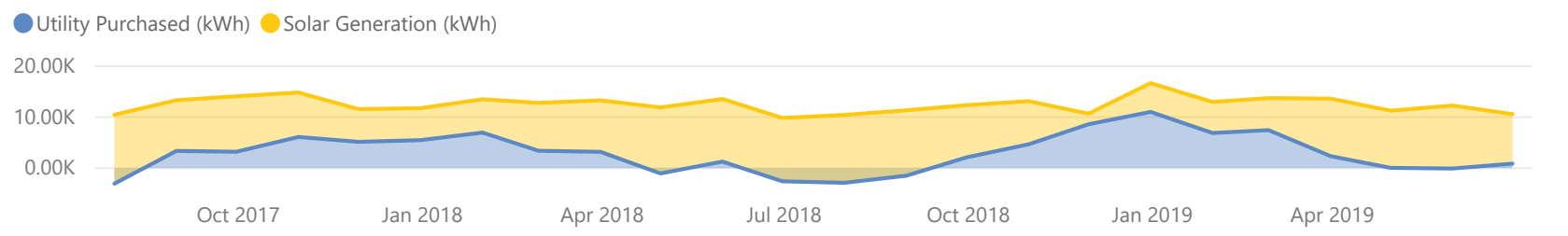
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Juan Cabrillo showed an decrease in energy usage of 1,291 kWh (9.5% reduction), and costs decreased by about \$303. New LED lighting was installed in the recent months, though the savings may have been overshadowed by increased HVAC usage in these months. From the months of July 2018-May 2019, about 2,601 kWh (1.8% reduction) and \$900 has been saved.

### Energy kWh Savings

**2.60K**

### Purchased Utility Cost Savings

**\$0.90K**

## Lincoln MS Energy Totals

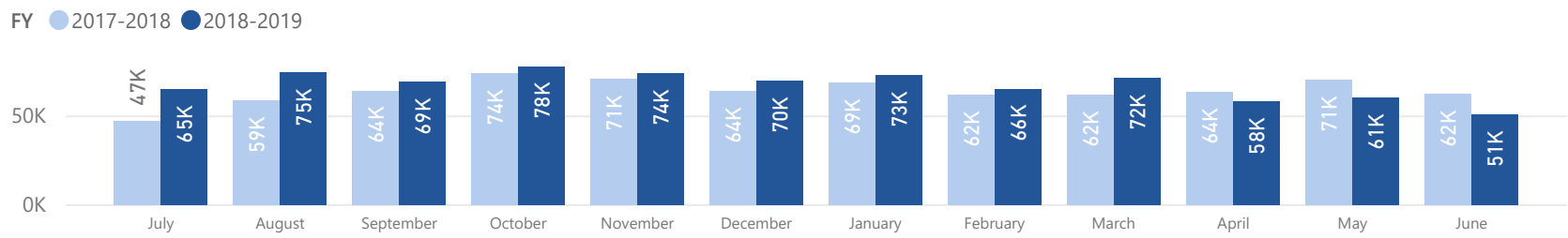
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

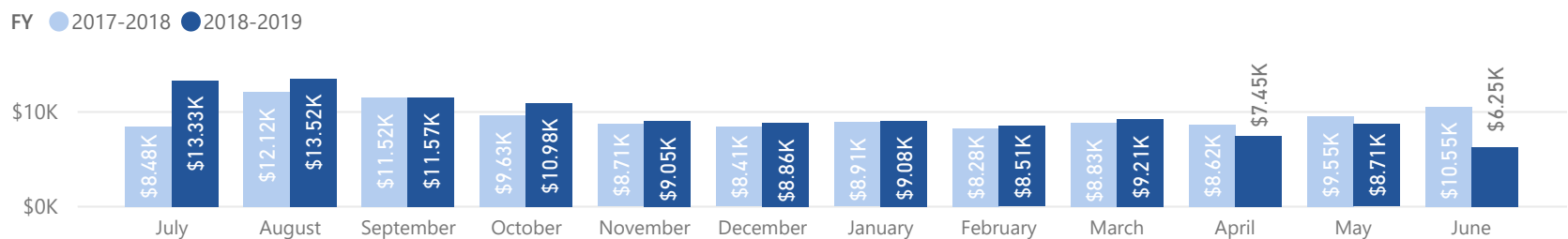


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

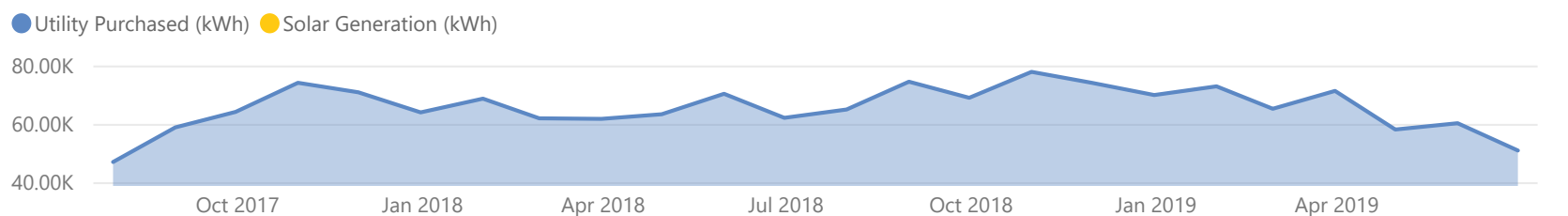
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



#### Site Overview

the month of May 2019, Lincoln MS showed an decrease in energy usage of 10,084 kWh (14.3% reduction), but have decreased in cost of about \$835. New LED lighting was installed in the recent months, which may have contributed to the recent month's savings. From the months of July 2018-May 2019, total usage has increased by about 53,196 kWh (7.5% increase) and increased in cost by \$7,199.

#### Energy kWh Savings

**-53.20K**

#### Purchased Utility Cost Savings

**-\$7.20K**

### Malibu HS Energy Totals

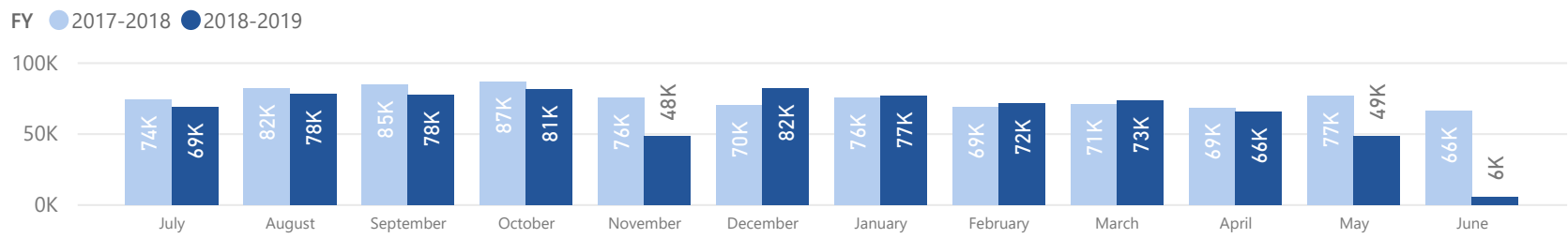
All

#### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

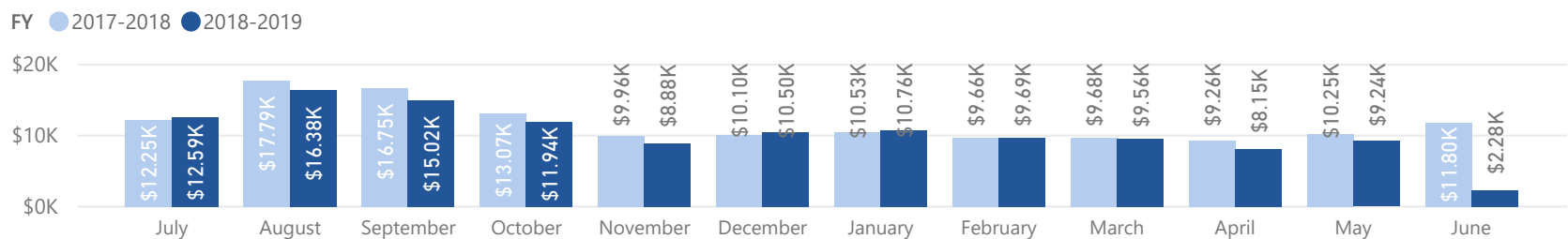


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

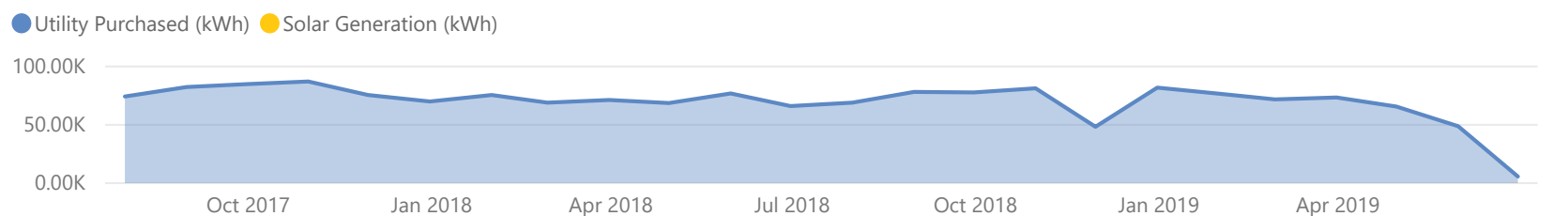
#### Total Electric kWh by Month and Fiscal Year



#### Total Electric Cost (\$) by Month



#### Total Energy Use (kWh) by Month



#### Site Overview

In the month of May 2019, Malibu HS showed a decrease in energy usage of 28,056 kWh (36.5% reduction) and costs have decreased by \$835. New LED lighting was installed in the recent months and there is major construction in progress at the site, leading to fluctuating energy usage. From the months of July 2018-May 2019, about 62,754 kWh (7.5% reduction) and \$6,598 has been saved.

#### Energy kWh Savings

**62.75K**

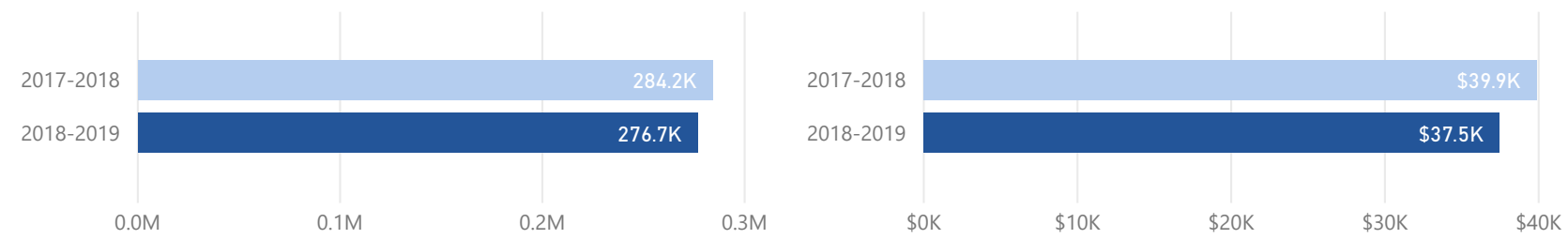
#### Purchased Utility Cost Savings

**\$6.60K**

**McKinley Elementary Energy Totals**

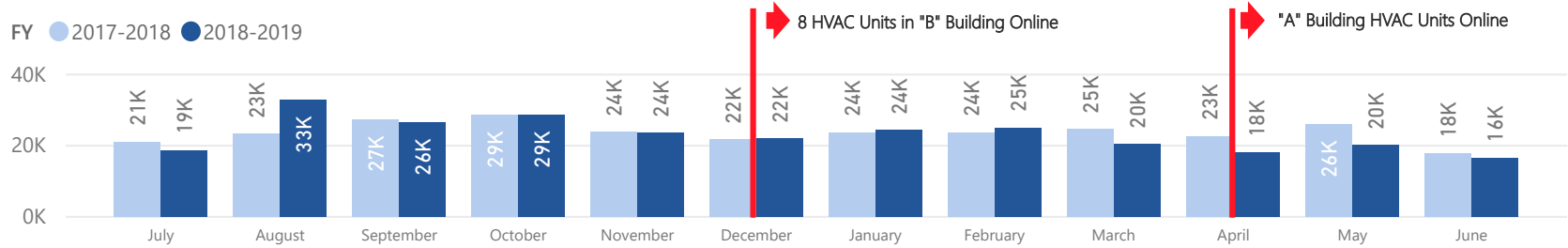
All

**Total Electric kWh by Fiscal Year** | **Total Electric Cost by Fiscal Year**

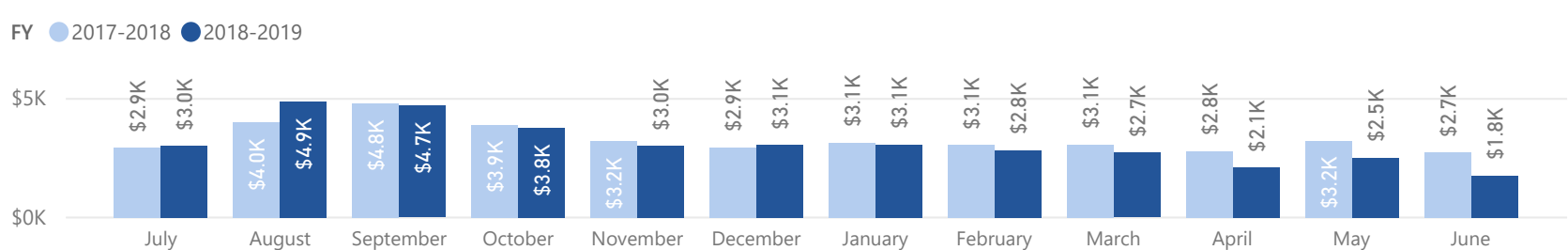


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

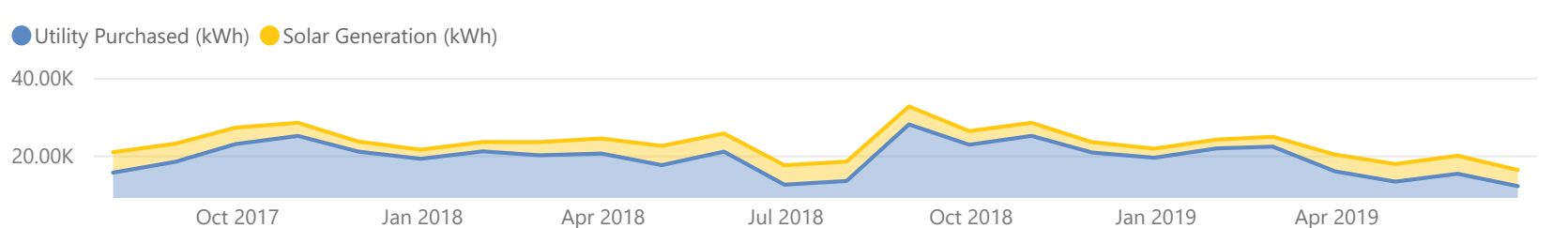
**Total Electric kWh by Month and Fiscal Year**



**Total Electric Cost (\$) by Month**



**Total Energy Use (kWh) by Month**



**Site Overview**  
 In the month of May 2019, McKinley showed an decrease in energy usage of 5,743 kWh (22.2% reduction), yielding a savings of about \$727. New LED lighting was installed in the recent months, which may have contributed to the energy savings. From the months of July 2018-May 2019, energy has decreased by about 6,221 kWh (2.3% reduction), and costs have decreased by \$1,450.

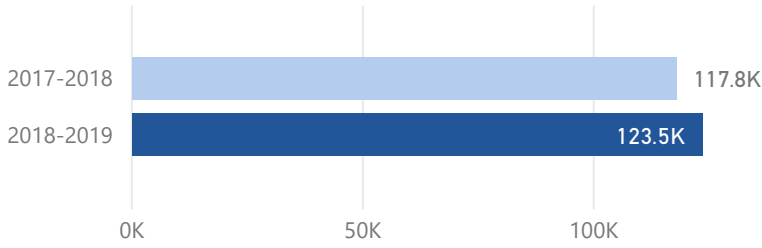
**Energy kWh Savings**  
**6.22K**

**Purchased Utility Cost Savings**  
**\$1.45K**

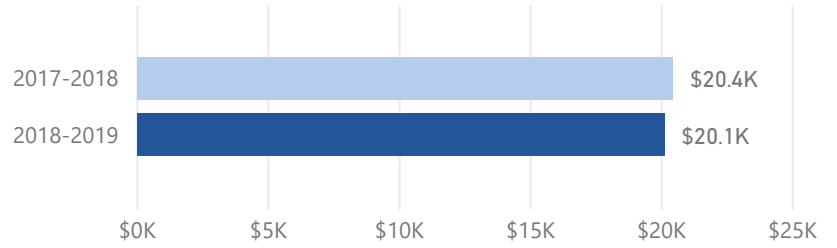
## Olympic HS Energy Totals

All

### Total Electric kWh by Fiscal Year



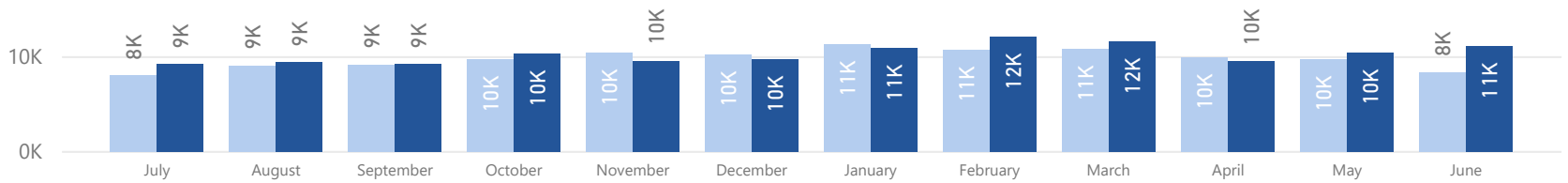
### Total Electric Cost by Fiscal Year



**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

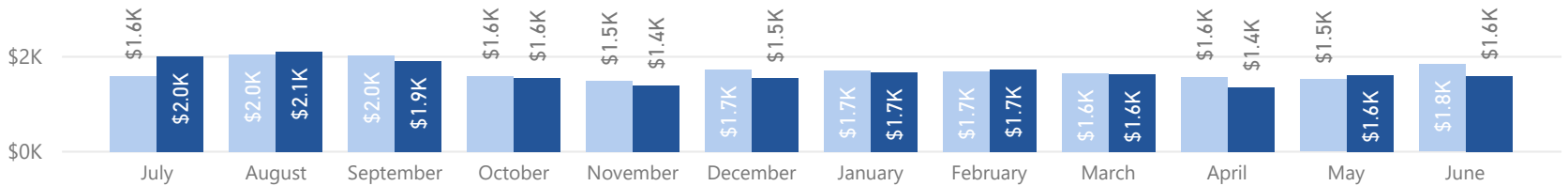
### Total Electric kWh by Month and Fiscal Year

FY ● 2017-2018 ● 2018-2019



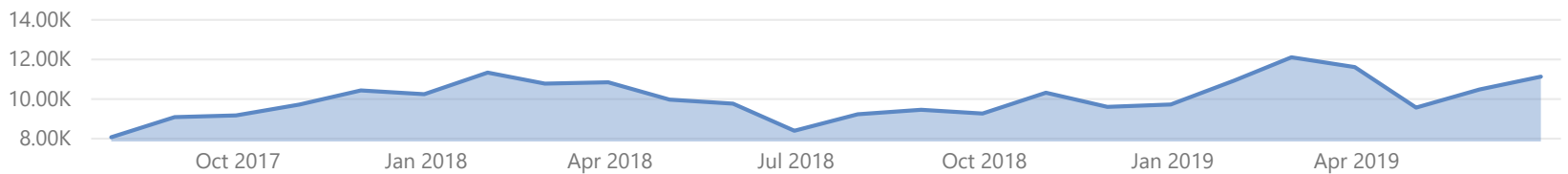
### Total Electric Cost (\$) by Month

FY ● 2017-2018 ● 2018-2019



### Total Energy Use (kWh) by Month

● Utility Purchased (kWh) ● Solar Generation (kWh)



### Site Overview

In the month of May 2019, Olympic HS showed an increase in energy usage of 716 kWh (7.3% increase) and \$92 compared to FY 2017-18. However, during FY 2017-18, the majority of the campus was under construction, and the FY 2017-18 was consequently not a full representation of full scale energy demand. New LED lighting was installed in the recent months as well. From the months of July 2018-May 2019, increased by about 2,882 kWh (2.6% increase), but has decreased costs by \$77.

### Energy kWh Savings

**-2.88K**

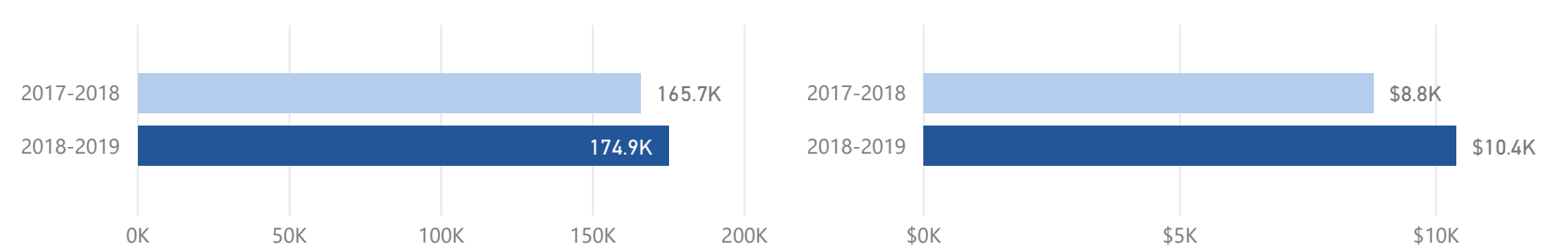
### Purchased Utility Cost Savings

**\$0.08**

## Point Dume Elementary Energy Totals

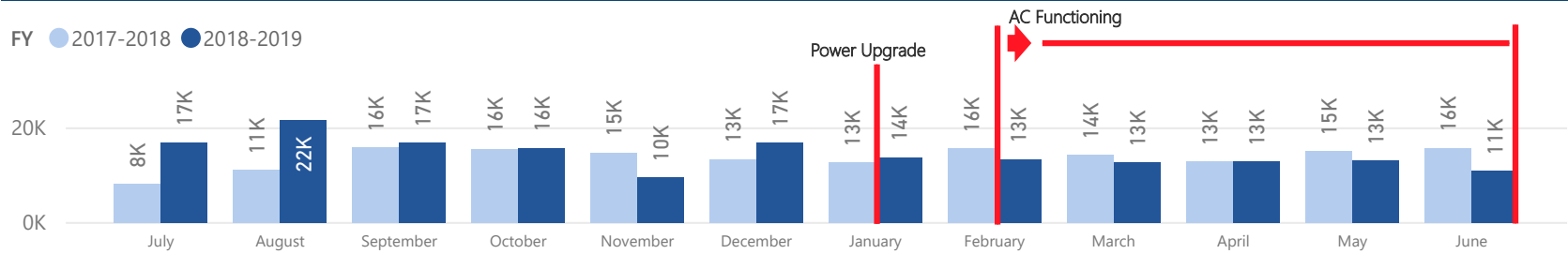
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

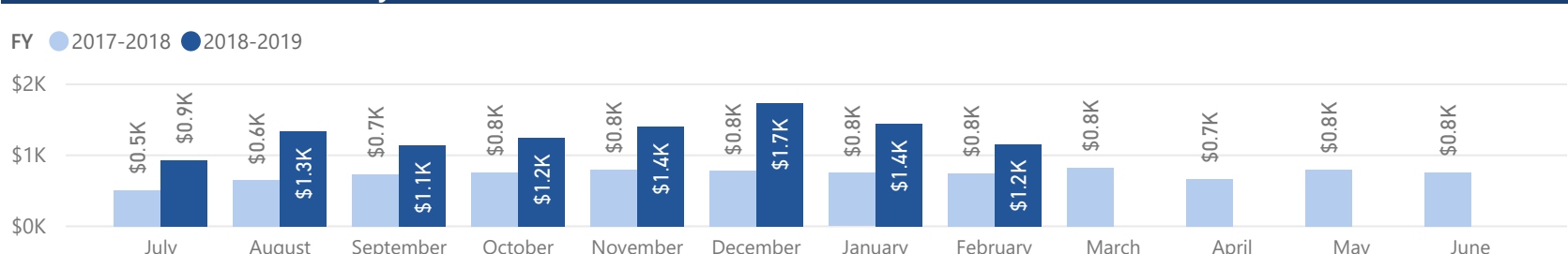


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

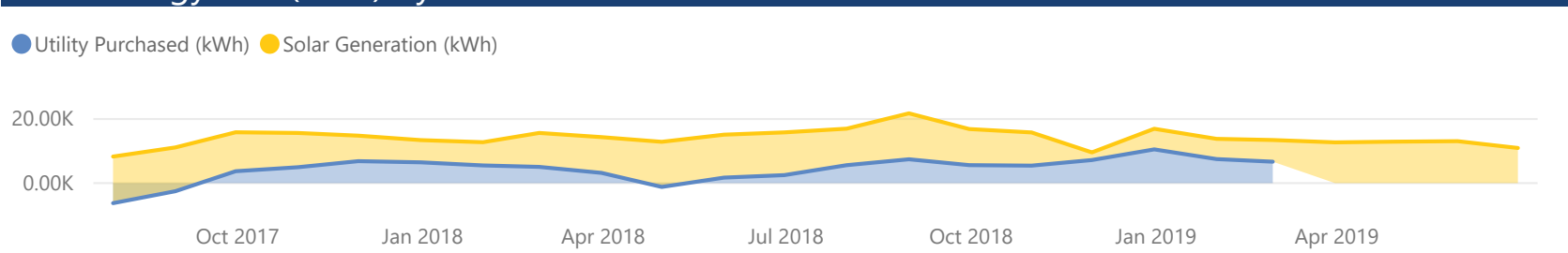
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



#### Site Overview

In the month of May 2019, Point Dume Elementary showed a decrease in energy usage of 2,034 kWh (13.5% reduction). New LED lighting was installed in the recent months, which may have contributed to the energy savings. However overall energy usage has increased by 14,057 kWh (9.4% increase) from the months of July 2018-May 2019 due to the installation of new cooling units where there had not been any previously. Bills have not been available since Feb 22nd, 2019, thus cost comparison will be delayed until billing is up to date.

#### Energy kWh Savings

**14.06K**

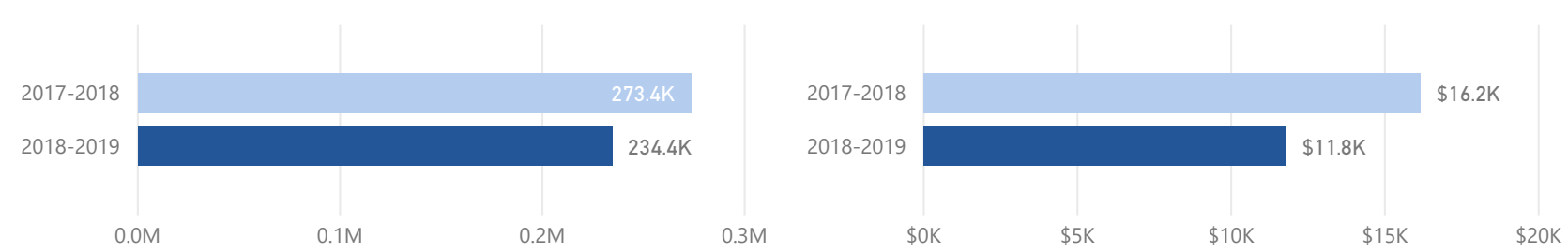
#### Purchased Utility Cost Savings

**N/A**

## Roosevelt Elementary Energy Totals

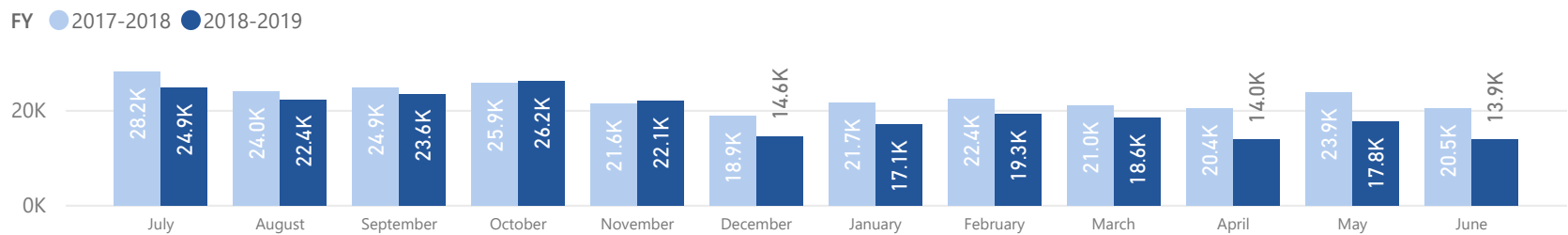
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

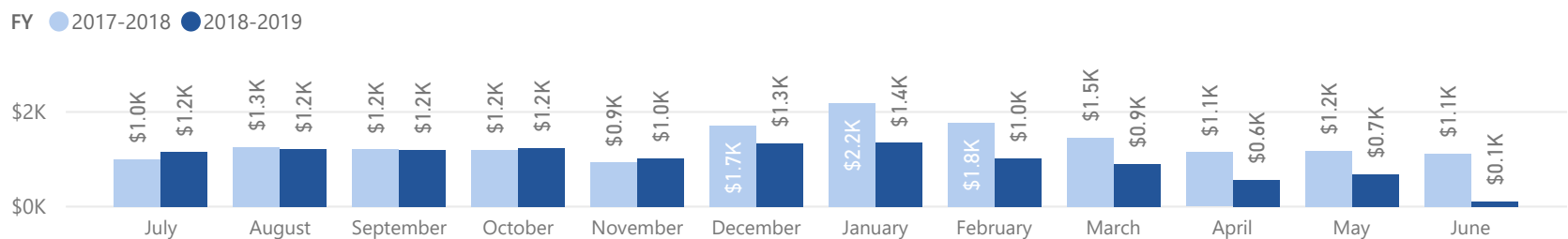


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

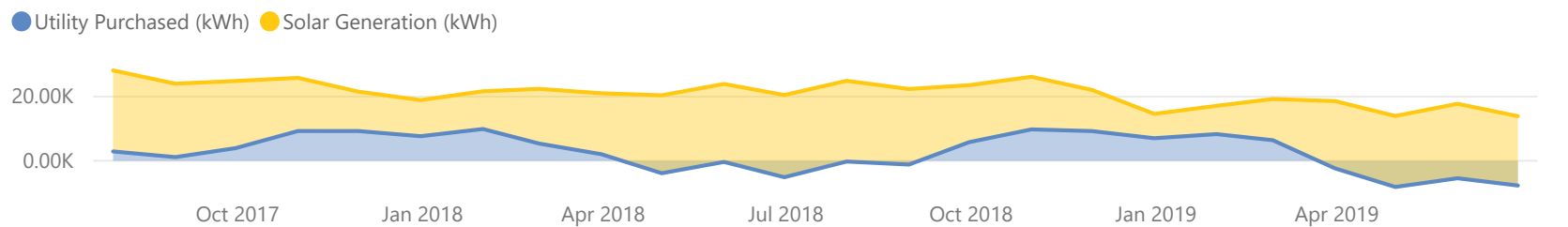
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Roosevelt showed a decrease in energy usage of 6,183 kWh (25.8% reduction), yielding a savings of about \$501. New LED lighting was installed in the recent months, which may have contributed to the energy savings. From the months of July 2018-May 2019, about 32,398 kWh (12.8% reduction) and \$3,359 has been saved.

### Energy kWh Savings

**32.40K**

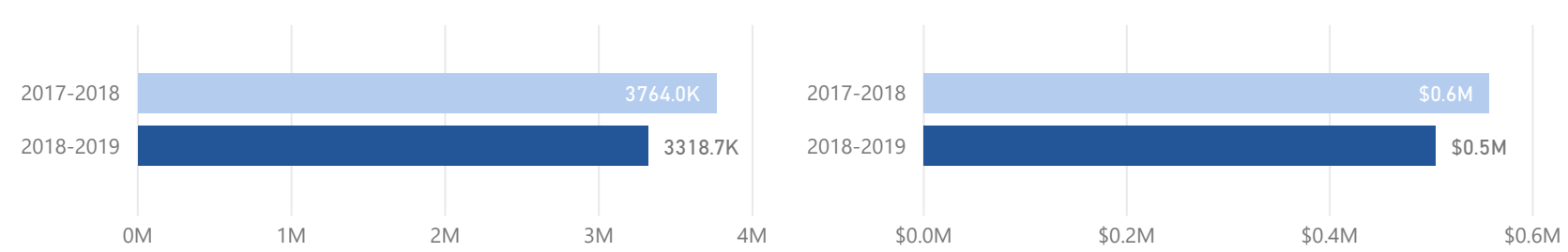
### Purchased Utility Cost Savings

**\$3.36K**

## Santa Monica HS Energy Totals

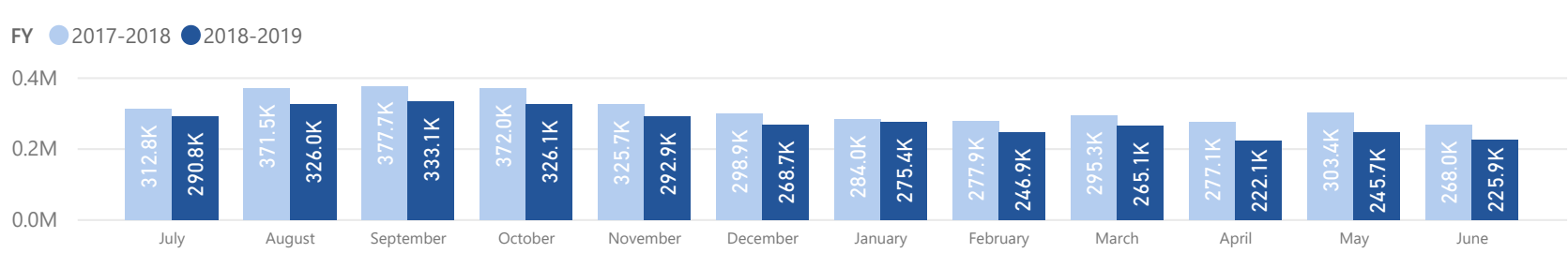
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

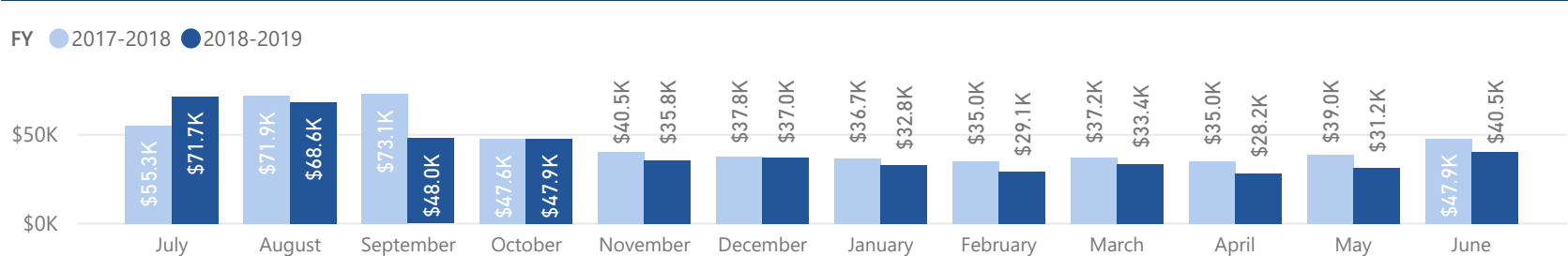


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

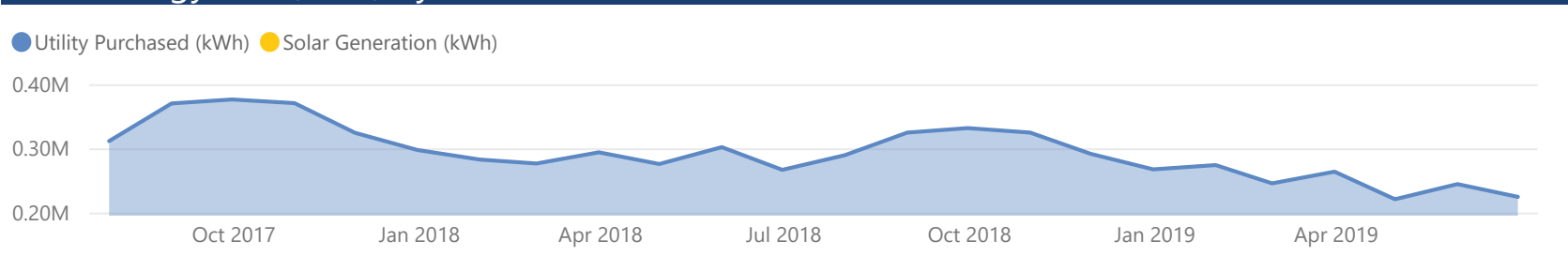
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



**Site Overview**

In the month of May 2019, SAMOHI showed an decrease in energy usage of 57,635 kWh (19.0% reduction), yielding a savings of about \$7,797. New LED lighting was installed in the recent months, which may have contributed to the energy savings. Additionally, a large portion of the school is currently under construction, which may account for part of the high energy reduction. From the months of July 2018-May 2019, about 403,112 kWh (11.5% reduction) and \$45,537 has been saved. It should be noted that for this site, cost rates are expected to increase in future bills due to the inclusion of 100% Green Power.

**Energy kWh Savings**

**403.11K**

**Purchased Utility Cost Savings**

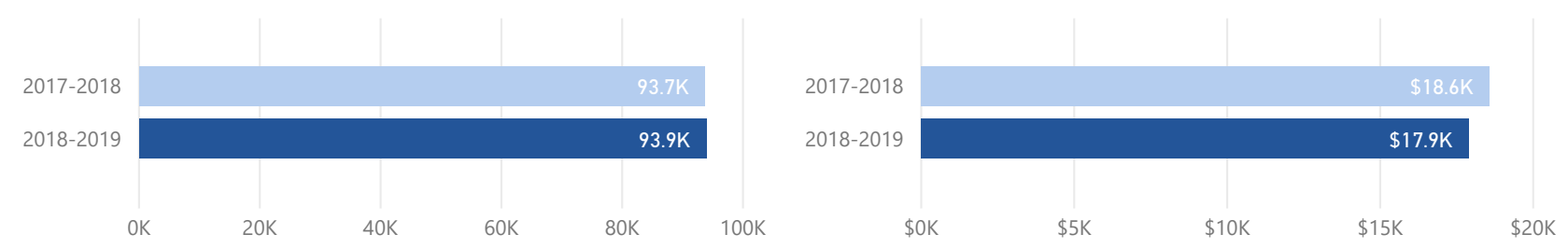
**\$43.54K**



## Washington Pre-School / FIP Office Energy Totals

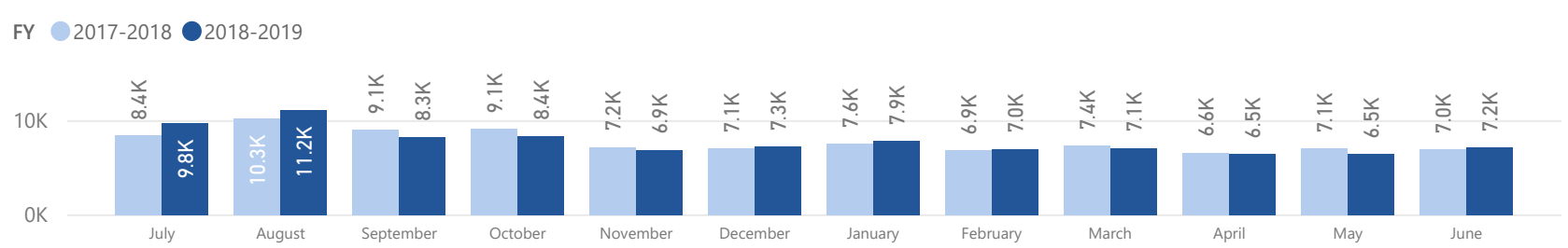
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

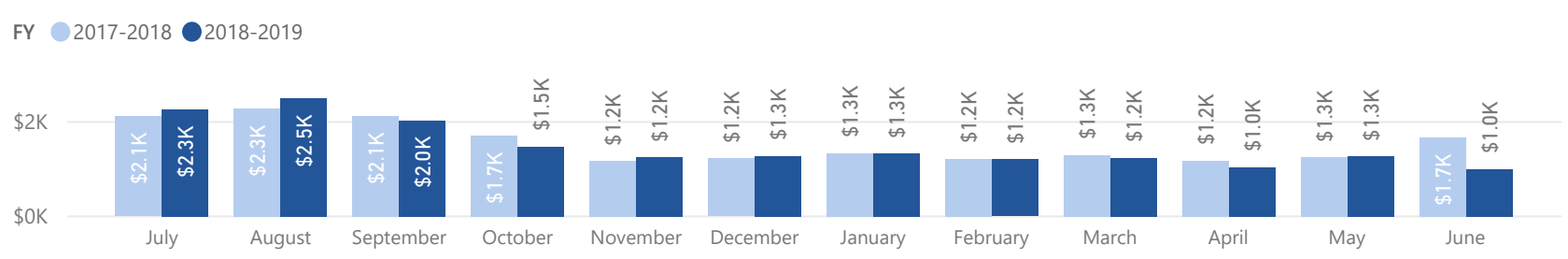


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

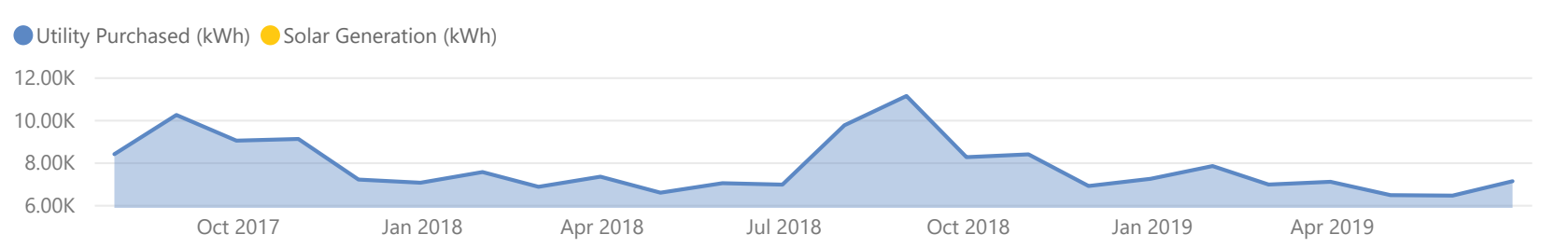
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



**Site Overview**

In the month of May 2019, Washington Pre/FIP site showed a decrease in energy usage of 583 kWh (8.3% reduction), though costs increased by \$22. New LED lighting was installed in the recent months, which may have contributed to a portion of the energy savings. From the months of July 2018-May 2019, energy has increased by 84 kWh (0.1% increase), though costs have decreased by \$17.

**Energy kWh Savings**

**-0.08K**

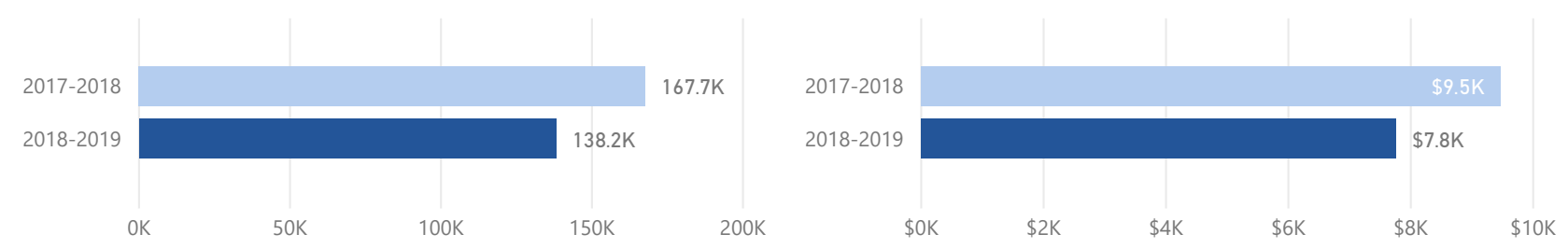
**Purchased Utility Cost Savings**

**\$0.02K**

## Webster Elementary Energy Totals

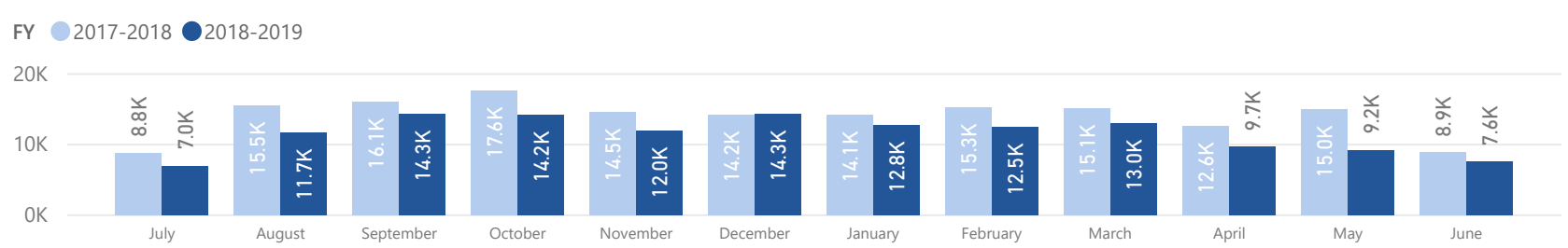
All

### Total Electric kWh by Fiscal Year | Total Electric Cost by Fiscal Year

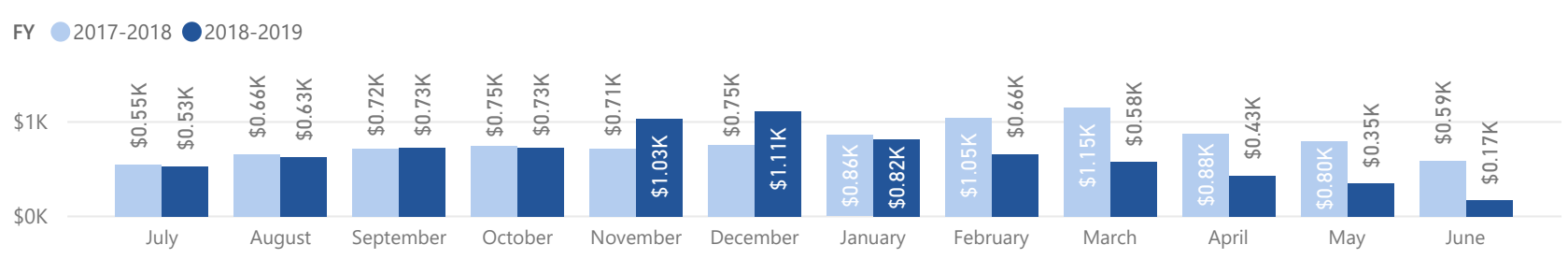


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

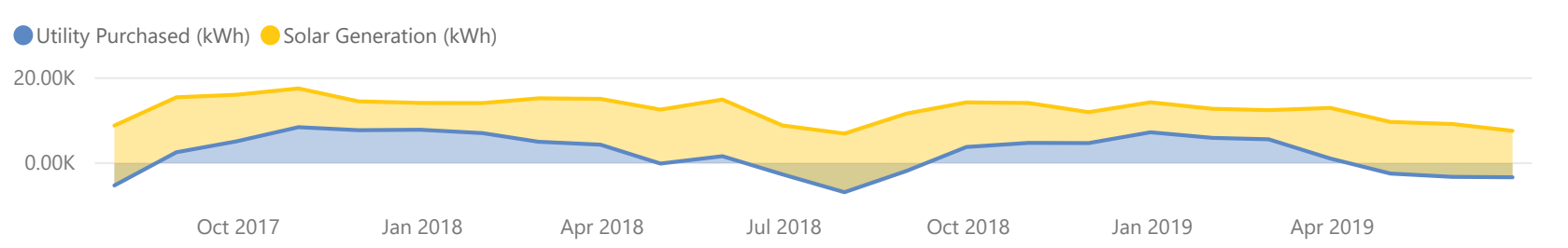
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



#### Site Overview

In the month of May 2019, Webster Elementary showed a decrease in energy usage of 5,767 kWh (38.5% reduction), yielding a savings of about \$449. New LED lighting was installed in the recent months, which may have contributed to the energy savings. From the months of July 2018-May 2019, about 28,229 kWh (17.8% reduction) and \$1,284 has been saved.

#### Energy kWh Savings

**28.23K**

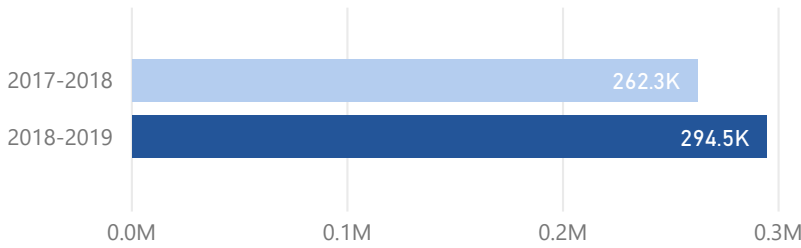
#### Purchased Utility Cost Savings

**\$1.28K**

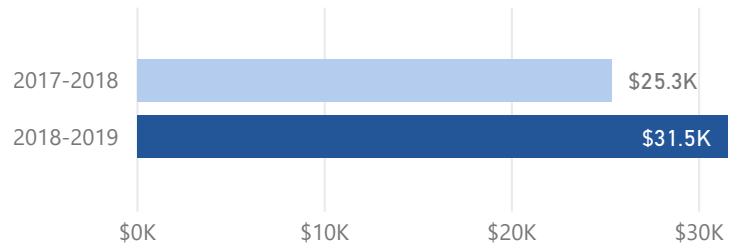
## Will Rogers Elementary Energy Totals

All

### Total Electric kWh by Fiscal Year

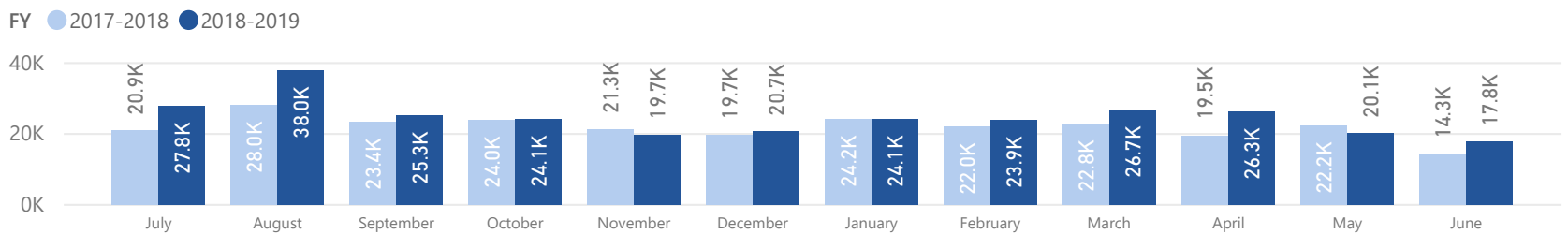


### Total Electric Cost by Fiscal Year

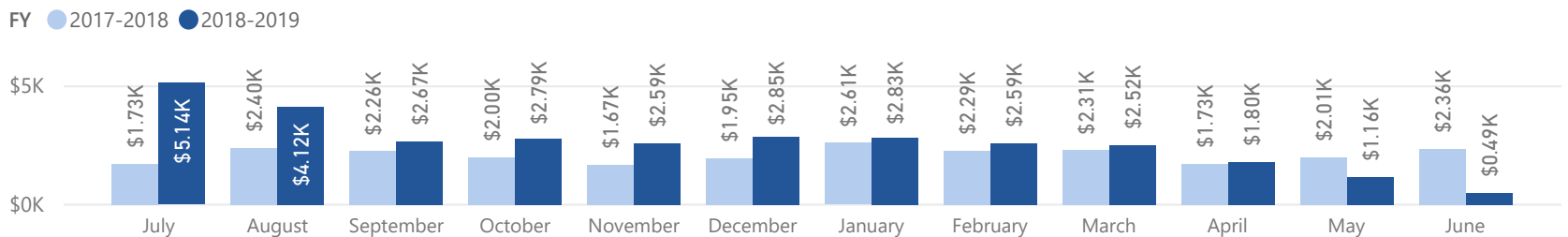


**Fiscal Year 2017-18 (July 2017 to June 2018)** is the Baseline Year for comparison to the current year's usage.

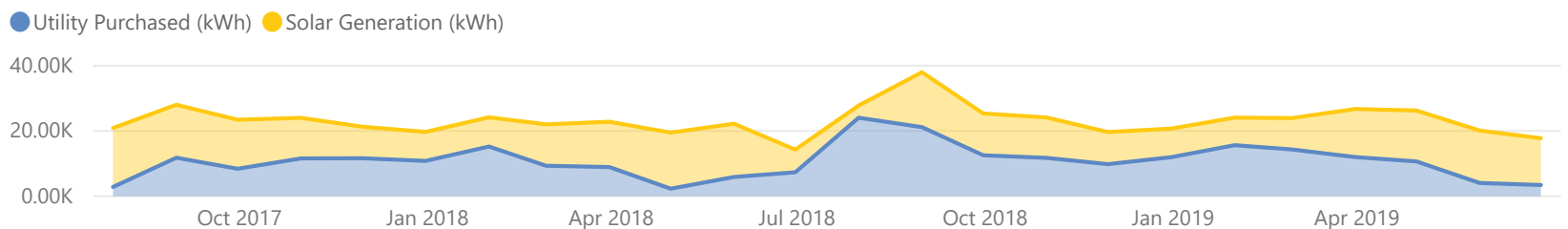
### Total Electric kWh by Month and Fiscal Year



### Total Electric Cost (\$) by Month



### Total Energy Use (kWh) by Month



### Site Overview

In the month of May 2019, Will Rogers showed a decrease in energy usage of 2,083 kWh (9.4% reduction). New LED lighting was installed in the recent months, which may have contributed to some energy savings, though total savings may have been offset by increased HVAC usage. From the months of July 2018-May 2019, energy has increased by 28,666 kWh (11.6% increase). Costs have not yet been updated through the month of May, so the analysis was not included within this report.

### Energy kWh Savings

**-28.67K**

### Purchased Utility Cost Savings

**N/A**