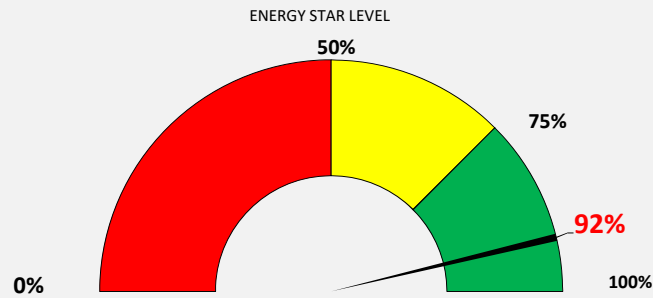


## MONTHLY UTILITY EFFICIENCY BREAKDOWN AND ANALYSIS

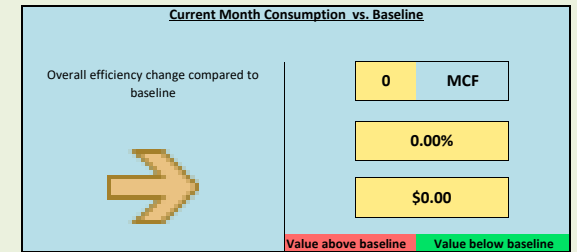
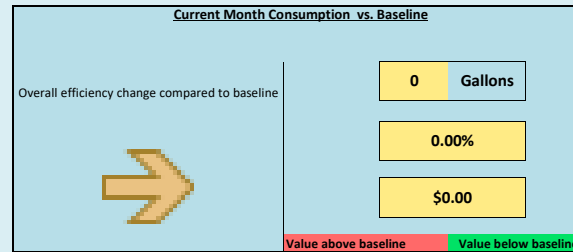
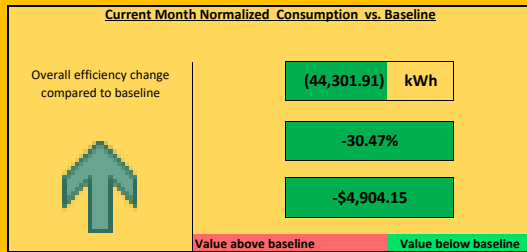


Breakdown: 50% = national average  
 50% < X < 75% → above national average, but room for improvement  
 X > 75% → approaching maximum efficiency

### ELECTRICITY

### WATER

### GAS



#### Important Observations and Notes

- April 2018 Normalized consumption shows a reduction 44,301 kWh compared to the 2013 baseline. This reduction of 30.47% translates into savings of \$4,904.
- 2018 kW level has decreased by 197kW compared to 2017.
- Power Factor is at 98%
- Energy Star number is at 92%

#### Important Observations and Notes

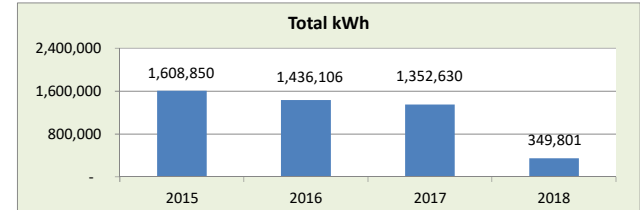
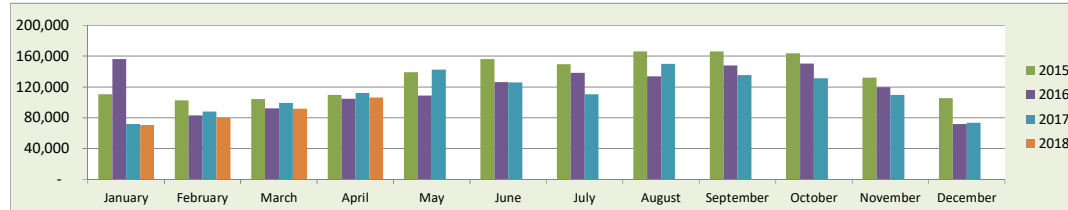
#### Important Observations and Notes

Site Name: Royal ISD - High School  
 Site Address: 34231 Royal Rd. Brookshire, Tx  
 ESI ID #: 1008901022900275420108  
 Meter #: 339002  
 Building Type: School  
 Building Size (sq. ft.): 162,549

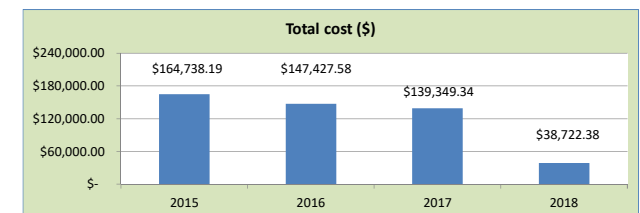
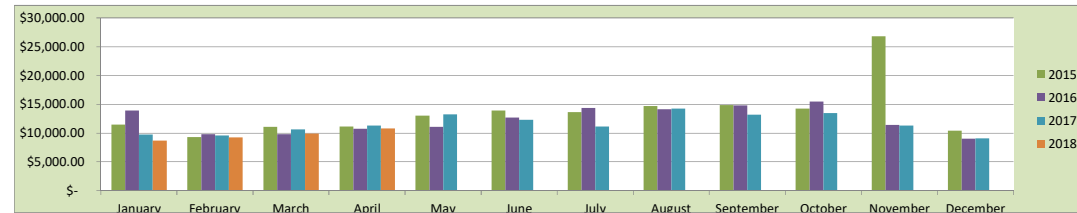


Electricity

| Consumption - Kwh |         |          |         |         |         |         |         |         |           |         |          |          |           |         |  |
|-------------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|-----------|---------|--|
| Year              | January | February | March   | April   | May     | June    | July    | August  | September | October | November | December | Total kwh | Average |  |
| 2015              | 110,818 | 102,820  | 104,637 | 110,087 | 139,497 | 156,313 | 149,784 | 166,512 | 166,417   | 163,714 | 132,521  | 105,730  | 1,608,850 | 134,071 |  |
| 2016              | 156,313 | 83,395   | 92,619  | 104,946 | 109,240 | 126,309 | 138,716 | 133,998 | 148,143   | 150,498 | 119,747  | 72,182   | 1,436,106 | 119,676 |  |
| 2017              | 72,182  | 88,254   | 99,691  | 112,217 | 142,571 | 126,212 | 110,583 | 150,019 | 135,817   | 131,554 | 109,827  | 73,703   | 1,352,630 | 112,719 |  |
| 2018              | 70,889  | 80,554   | 91,822  | 106,536 |         |         |         |         |           |         |          |          | 349,801   | 87,450  |  |

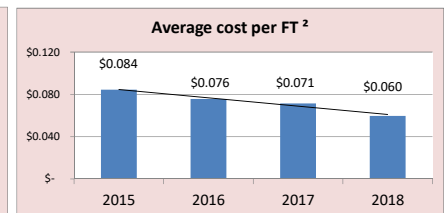
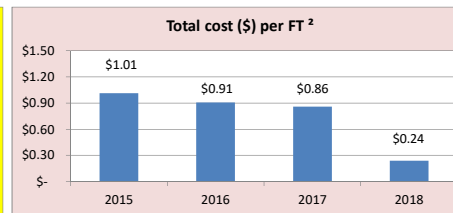
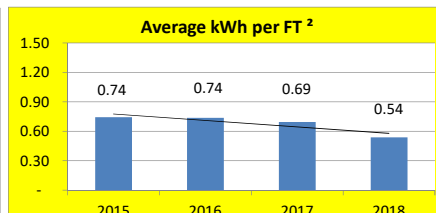
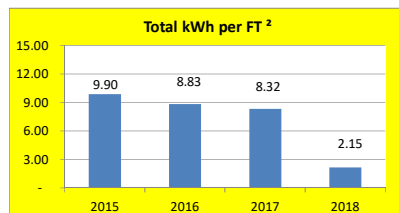


| Cost - USD(\$) |              |             |              |              |              |              |              |              |              |              |              |              |                 |              |  |
|----------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|--------------|--|
| Year           | January      | February    | March        | April        | May          | June         | July         | August       | September    | October      | November     | December     | Total cost (\$) | Average cost |  |
| 2015           | \$ 11,491.57 | \$ 9,330.10 | \$ 11,114.72 | \$ 11,165.98 | \$ 13,046.39 | \$ 13,927.31 | \$ 13,621.61 | \$ 14,682.60 | \$ 14,881.97 | \$ 14,238.33 | \$ 26,839.36 | \$ 10,398.25 | \$ 164,738.19   | \$ 13,728.18 |  |
| 2016           | \$ 13,927.31 | \$ 9,818.06 | \$ 9,828.34  | \$ 10,764.46 | \$ 11,111.90 | \$ 12,696.11 | \$ 14,370.69 | \$ 14,137.03 | \$ 14,823.11 | \$ 15,476.42 | \$ 11,419.08 | \$ 9,055.07  | \$ 147,427.58   | \$ 12,285.63 |  |
| 2017           | \$ 9,772.09  | \$ 9,583.46 | \$ 10,649.93 | \$ 11,306.57 | \$ 13,233.29 | \$ 12,329.24 | \$ 11,159.14 | \$ 14,267.65 | \$ 13,208.14 | \$ 13,474.28 | \$ 11,306.01 | \$ 9,059.54  | \$ 139,349.34   | \$ 11,612.45 |  |
| 2018           | \$ 8,714.08  | \$ 9,240.91 | \$ 9,931.15  | \$ 10,836.24 |              |              |              |              |              |              |              |              | \$ 38,722.38    | \$ 9,680.60  |  |



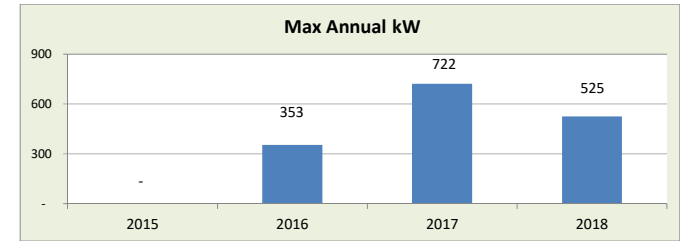
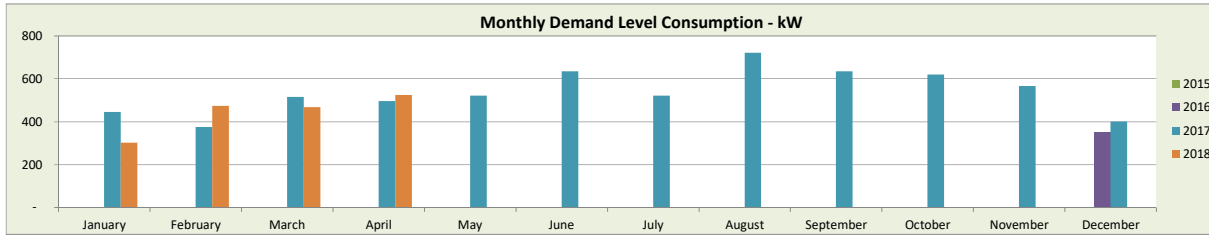
| Consumption per FT <sup>2</sup> (kWh) |         |          |       |       |      |      |      |        |           |         |          |          |                               |                                 |  |
|---------------------------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------------------------------|---------------------------------|--|
| Year                                  | January | February | March | April | May  | June | July | August | September | October | November | December | Total kWh per FT <sup>2</sup> | Average kWh per FT <sup>2</sup> |  |
| 2015                                  | 0.68    | 0.63     | 0.64  | 0.68  | 0.86 | 0.96 | 0.92 | 1.02   | 1.02      | 1.01    | 0.82     | 0.65     | 9.90                          | 0.74                            |  |
| 2016                                  | 0.96    | 0.51     | 0.57  | 0.65  | 0.67 | 0.78 | 0.85 | 0.82   | 0.91      | 0.93    | 0.74     | 0.44     | 8.83                          | 0.74                            |  |
| 2017                                  | 0.44    | 0.54     | 0.61  | 0.69  | 0.88 | 0.78 | 0.68 | 0.92   | 0.84      | 0.81    | 0.68     | 0.45     | 8.32                          | 0.69                            |  |
| 2018                                  | 0.44    | 0.50     | 0.56  | 0.66  |      |      |      |        |           |         |          |          | 2.15                          | 0.54                            |  |

| Cost per FT <sup>2</sup> |          |          |          |          |          |          |          |          |           |          |          |          |                                     |                                  |  |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|-------------------------------------|----------------------------------|--|
| Year                     | January  | February | March    | April    | May      | June     | July     | August   | September | October  | November | December | Total cost (\$) per FT <sup>2</sup> | Average cost per FT <sup>2</sup> |  |
| 2015                     | \$ 0.071 | \$ 0.057 | \$ 0.068 | \$ 0.069 | \$ 0.080 | \$ 0.086 | \$ 0.084 | \$ 0.090 | \$ 0.092  | \$ 0.088 | \$ 0.165 | \$ 0.064 | \$ 1.01                             | \$ 0.084                         |  |
| 2016                     | \$ 0.086 | \$ 0.060 | \$ 0.060 | \$ 0.066 | \$ 0.068 | \$ 0.078 | \$ 0.088 | \$ 0.087 | \$ 0.091  | \$ 0.095 | \$ 0.070 | \$ 0.056 | \$ 0.91                             | \$ 0.076                         |  |
| 2017                     | \$ 0.060 | \$ 0.059 | \$ 0.066 | \$ 0.070 | \$ 0.081 | \$ 0.076 | \$ 0.069 | \$ 0.088 | \$ 0.081  | \$ 0.083 | \$ 0.070 | \$ 0.056 | \$ 0.86                             | \$ 0.071                         |  |
| 2018                     | \$ 0.054 | \$ 0.057 | \$ 0.061 | \$ 0.067 |          |          |          |          |           |          |          |          | \$ 0.24                             | \$ 0.060                         |  |

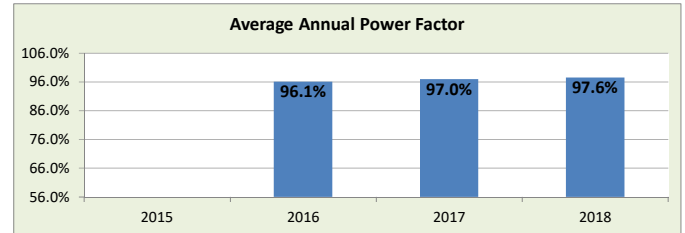
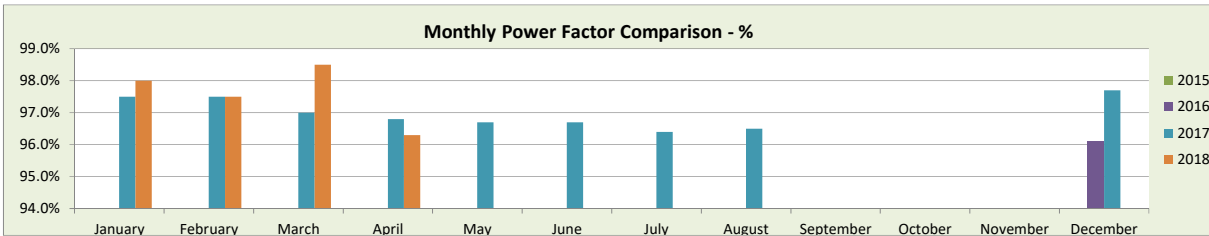


Notes:

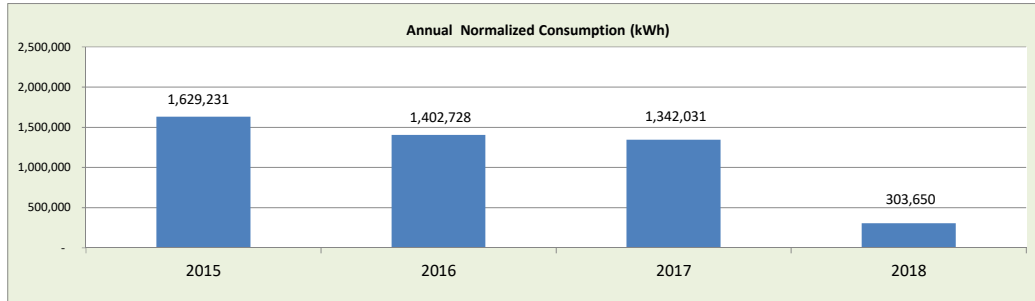
| Demand Level - kW |         |          |       |       |     |      |      |        |           |         |          |          |  |               |
|-------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--|---------------|
| Year              | January | February | March | April | May | June | July | August | September | October | November | December |  | Max Annual kW |
| 2015              |         |          |       |       |     |      |      |        |           |         |          |          |  | #DIV/0!       |
| 2016              |         |          |       |       |     |      |      |        |           |         |          | 353      |  | 353           |
| 2017              | 446     | 375      | 515   | 496   | 522 | 635  | 521  | 722    | 635       | 620     | 566      | 401      |  | 722           |
| 2018              | 302     | 474      | 468   | 525   |     |      |      |        |           |         |          |          |  | 525           |



| Power Factor - % |         |          |       |       |       |       |       |        |           |         |          |          |  |                             |
|------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|--|-----------------------------|
| Year             | January | February | March | April | May   | June  | July  | August | September | October | November | December |  | Average Annual Power Factor |
| 2015             |         |          |       |       |       |       |       |        |           |         |          |          |  |                             |
| 2016             |         |          |       |       |       |       |       |        |           |         |          | 96.1%    |  | 96.1%                       |
| 2017             | 97.5%   | 97.5%    | 97.0% | 96.8% | 96.7% | 96.7% | 96.4% | 96.5%  |           |         |          | 97.7%    |  | 97.0%                       |
| 2018             | 98.0%   | 97.5%    | 98.5% | 96.3% |       |       |       |        |           |         |          |          |  | 97.6%                       |



| YEAR | ANNUAL CONSUMPTION & COST DATA |                              |               |                               | Rate (\$/kWh) | NORMALIZED ANNUAL CONSUMPTION & COST DATA |                         |          |                          |
|------|--------------------------------|------------------------------|---------------|-------------------------------|---------------|---|-------------------------|----------|--------------------------|
|      | Annual Consumption (kWh)       | kWh Change vs. Baseline Year | Total Cost    | Cost Change vs. Baseline Year |               | Annual Normalized Consumption (kWh)       | kWh Change vs Base Year | % Change | Cost Change vs Base Year |
| 2015 | 1,608,850                      | (143,126.00)                 | \$ 164,738.19 | (14,638.34)                   | \$ 0.1024     | 1,629,231                                 | (43,871.39)             | -2.62%   | \$ (4,492.21)            |
| 2016 | 1,436,106                      | (315,870.00)                 | \$ 147,427.58 | (31,948.95)                   | \$ 0.1027     | 1,402,728                                 | (270,374.96)            | -16.16%  | \$ (27,756.12)           |
| 2017 | 1,352,630                      | (399,345.64)                 | \$ 139,349.34 | (40,027.19)                   | \$ 0.1030     | 1,342,031                                 | (331,071.74)            | -19.79%  | \$ (34,107.34)           |
| 2018 | 349,801                        |                              | \$ 38,722.38  |                               | \$ 0.1107     | 303,650                                   |                         |          | \$ -                     |



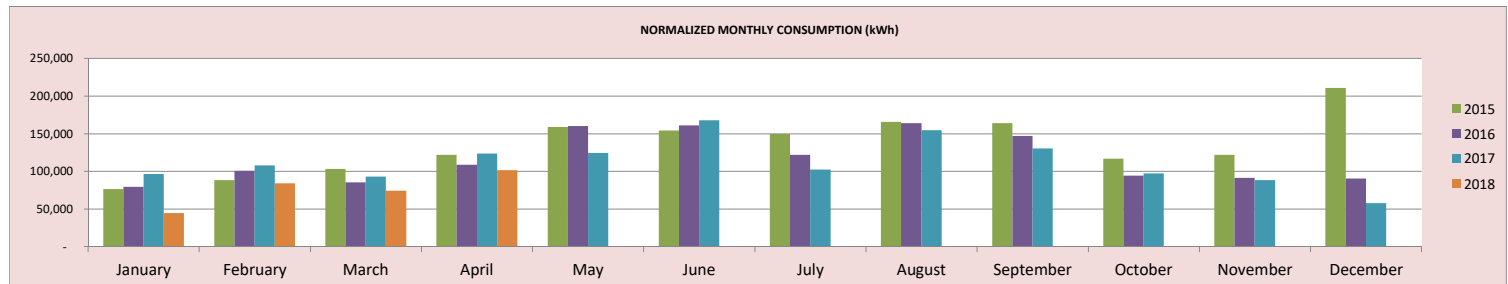
**Notes:**

- April 2018 Normalized consumption shows a reduction 44,301 kWh compared to the 2013 baseline. This reduction of 30.47% translates into savings of \$4,904.
- 2018 kW level has decreased by 197kW compared to 2017.
- Power Factor is at 98%
- Energy Star number is at 92%

|                            |              |
|----------------------------|--------------|
| Total kWh saved since 2013 | -893,717.43  |
| Total savings since 2013   | -\$90,038.70 |

|      | MONTHLY CONSUMPTION (kWh) |          |         |         |         |         |         |         |           |         |          |          |
|------|---------------------------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|
|      | January                   | February | March   | April   | May     | June    | July    | August  | September | October | November | December |
| 2015 | 110,818                   | 102,820  | 104,637 | 110,087 | 139,497 | 156,313 | 149,784 | 166,512 | 166,417   | 163,714 | 132,521  | 105,730  |
| 2016 | 156,313                   | 83,395   | 92,619  | 104,946 | 109,240 | 126,309 | 138,716 | 133,998 | 148,143   | 150,498 | 119,747  | 72,182   |
| 2017 | 72,182                    | 88,254   | 99,691  | 112,217 | 142,571 | 126,212 | 110,583 | 150,019 | 135,817   | 131,554 | 109,827  | 73,703   |
| 2018 | 70,889                    | 80,554   | 91,822  | 106,536 | -       | -       | -       | -       | -         | -       | -        | -        |

|      | NORMALIZED MONTHLY CONSUMPTION (kWh) |          |         |         |         |         |         |         |           |         |          |          |
|------|--------------------------------------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|
|      | January                              | February | March   | April   | May     | June    | July    | August  | September | October | November | December |
| 2015 | 76,242                               | 88,078   | 103,192 | 121,722 | 158,854 | 153,869 | 149,379 | 165,341 | 163,679   | 116,677 | 121,529  | 210,669  |
| 2016 | 79,299                               | 100,505  | 85,346  | 108,438 | 159,862 | 161,021 | 121,880 | 163,999 | 147,010   | 94,145  | 90,979   | 90,243   |
| 2017 | 96,393                               | 107,702  | 92,784  | 123,409 | 124,323 | 167,703 | 102,000 | 154,659 | 130,222   | 96,877  | 88,214   | 57,745   |
| 2018 | 44,501                               | 84,037   | 73,997  | 101,115 | -       | -       | -       | -       | -         | -       | -        | -        |



|       | NORMALIZED MONTHLY CONSUMPTION CHANGE(kWh) vs Base Year |             |             |              |             |             |             |             |              |              |             |             |
|-------|---|-------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|
|       | January   | February    | March       | April        | May         | June        | July        | August      | September    | October      | November    | December    |
| 2015  | (49,816.79)   | (14,630.22) | 6,497.16    | (23,694.53)  | (10,380.72) | (14,157.78) | 3,909.45    | (18,204.26) | (12,163.97)  | (38,451.03)  | 15,325.77   | 111,895.53  |
| 2016  | (46,760.40)   | (2,203.21)  | (11,348.43) | (36,978.67)  | (9,372.52)  | (7,005.73)  | (23,589.52) | (19,546.34) | (28,832.52)  | (60,983.29)  | (15,224.11) | (8,530.23)  |
| 2017  | (29,666.23)   | 4,994.16    | (3,910.92)  | (22,007.91)  | (44,911.77) | (323.72)    | (43,470.06) | (28,886.06) | (45,620.99)  | (58,251.04)  | (17,988.96) | (41,028.23) |
| 2018  | (81,558.23)   | (18,670.85) | (22,697.92) | (44,301.91)  | -           | -           | -           | -           | -            | -            | -           | -           |
| Total | (241,663.55)  | (30,998.91) | (40,806.88) | (160,066.49) | (62,548.36) | (70,004.83) | (29,983.20) | (63,352.78) | (104,733.02) | (163,091.01) | (38,773.59) | 112,305.21  |

|      | MONTHLY CONSUMPTION PERCENTAGE CHANGE vs Base Year |          |         |         |         |        |         |         |           |         |          |          |
|------|--|----------|---------|---------|---------|--------|---------|---------|-----------|---------|----------|----------|
|      | January  | February | March   | April   | May     | June   | July    | August  | September | October | November | December |
| 2015 | -39.52%  | -14.24%  | 6.72%   | -16.29% | -6.13%  | -8.43% | 2.69%   | -9.92%  | -6.92%    | -24.79% | 14.43%   | 113.29%  |
| 2016 | -37.09%  | -2.15%   | -11.74% | -25.43% | -5.54%  | -4.17% | -16.22% | -10.65% | -16.40%   | -39.31% | -14.33%  | -8.64%   |
| 2017 | -23.53%  | 4.86%    | -4.04%  | -15.13% | -26.54% | -0.19% | -29.88% | -15.74% | -25.94%   | -37.55% | -16.94%  | -41.54%  |
| 2018 | -64.70%  | -18.18%  | -23.47% | -30.47% | -       | -      | -       | -       | -         | -       | -        | -        |

|       | MONTHLY COST CHANGE vs Base Year |             |             |              |             |             |             |             |              |              |             |             |
|-------|----------------------------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|
|       | January                          | February    | March       | April        | May         | June        | July        | August      | September    | October      | November    | December    |
| 2015  | -\$5,100.99                      | -\$1,498.06 | \$665.28    | -\$2,426.20  | -\$1,062.93 | -\$1,449.69 | \$400.31    | -\$1,864.03 | -\$1,245.53  | -\$3,937.19  | \$1,569.28  | \$11,457.54 |
| 2016  | -\$4,800.32                      | -\$226.18   | -\$1,165.01 | -\$3,796.15  | -\$962.16   | -\$719.19   | -\$2,421.65 | -\$2,006.59 | -\$2,959.89  | -\$6,260.41  | -\$1,562.87 | -\$873.45   |
| 2017  | -\$3,056.25                      | \$514.50    | -\$402.91   | -\$2,267.28  | -\$4,626.86 | -\$33.35    | -\$4,478.33 | -\$2,975.87 | -\$4,699.92  | -\$6,001.08  | -\$1,853.24 | -\$4,201.09 |
| 2018  | -\$9,028.36                      | -\$2,066.83 | -\$2,512.62 | -\$4,904.15  | -           | -           | -           | -           | -            | -            | -           | -           |
| Total | -\$25,276.82                     | -\$3,324.07 | -\$4,323.63 | -\$16,609.03 | -\$6,446.24 | -\$6,917.46 | -\$3,276.31 | -\$6,527.33 | -\$10,665.91 | -\$16,724.04 | -\$3,876.69 | \$11,239.21 |