

# Medina City Schools



## Energy Savings Program

PERFORMANCE YEAR 15  
October 2023 – September 2024  
YEAR END SAVINGS REPORT

Prepared by:  
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Middleburg Heights, OH 44130



## Table of Contents

|  |    |
|--|----|
| Section 1: Overview .....                              | 3  |
| Section 2: Savings Guarantee Summary .....             | 4  |
| Section 3: Performance History .....                   | 6  |
| Section 4: Summary of Savings .....                    | 7  |
| Section 5: Electric Savings .....                      | 8  |
| Section 6: Natural Gas Savings .....                   | 10 |
| Section 7: Water and Sewer Savings .....               | 12 |
| Section 8: Operational Savings .....                   | 15 |
| Section 9: Adjustments .....                           | 16 |
| Section 10: Energy Savings – Performance Year 15 ..... | 18 |
| Section 11: Conclusion .....                           | 19 |
| Appendix A – Tables and Charts .....                   | 20 |
| Appendix B – Lighting M&V Data .....                   | 30 |

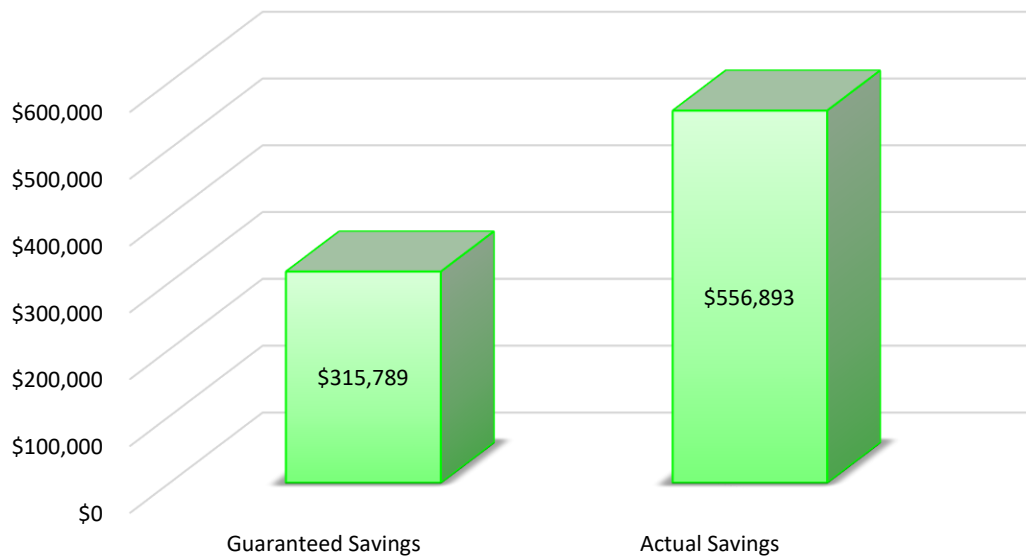
### **Section 1: Overview**

The Brewer-Garrett Company ("Brewer-Garrett") is pleased to present results of this year's energy savings benefits of the Energy Savings Program at Medina City Schools ("Medina"). Construction was completed in the fall of 2009, so we are currently tracking savings for Performance Year 15 (October 2023 through September 2024).

**For Performance Year 15, we guaranteed \$315,789 in total energy, water, and sewer savings.**

Performance Year 15 (PY15), ending in September 2024, was another successful year for energy savings. Medina saved \$556,893 this past year for a total cumulative savings of \$7,749,221. See Section 3 for an updated summary of savings over the entire history of the project.

### ***Energy Savings Program Overview: Medina City Schools***



**Section 2: Savings Guarantee Summary**

The Performance Guarantee is governed by the Energy Performance Agreements executed by Medina City Schools and The Brewer-Garrett Company on August 31, 2007 and September 30, 2013 (collectively as the "Contract"). The Performance Guarantee, summarized in Table 2a, is based on the Contract dated 8/31/2007 Schedule C "Energy and Operational Savings Guarantee." The Total Guaranteed Savings over the term of this agreement (15 years) is \$4,736,535.

**Table 2a: Performance Guarantee Summary**

|  |             |                      |
|--|-------------|----------------------|
| Total Guaranteed Savings (\$) per Contract 8/31/2007 | \$4,736,535 | <u>See Table 3a.</u> |
| Total Guaranteed Savings (\$) per Contract 9/30/2013 | \$419,467   |                      |

| Guaranteed Savings (\$) |  |   |                                     |  |
|-------------------------|--|---|-------------------------------------|--|
| Performance Year        | Water/Sewer/<br>Energy Savings<br>(\$) | Stipulated<br>Operational Savings<br>(\$) | Total<br>Guaranteed<br>Savings (\$) | Cumulative<br>Guaranteed<br>Savings (\$) |
| 1 2010                  | \$315,769                              | \$0                                       | \$315,769                           | \$315,769                                |
| 2 2011                  | \$315,769                              | \$0                                       | \$315,769                           | \$631,538                                |
| 3 2012                  | \$315,769                              | \$0                                       | \$315,769                           | \$947,307                                |
| 4 2013                  | \$315,769                              | \$0                                       | \$315,769                           | \$1,263,076                              |
| 5 2014                  | \$315,769                              | \$0                                       | \$315,769                           | \$1,578,845                              |
| 6 2015                  | \$315,769                              | \$0                                       | \$315,769                           | \$1,894,614                              |
| 7 2016                  | \$315,769                              | \$0                                       | \$315,769                           | \$2,210,383                              |
| 8 2017                  | \$315,769                              | \$0                                       | \$315,769                           | \$2,526,152                              |
| 9 2018                  | \$315,769                              | \$0                                       | \$315,769                           | \$2,841,921                              |
| 10 2019                 | \$315,769                              | \$0                                       | \$315,769                           | \$3,157,690                              |
| 11 2020                 | \$315,769                              | \$0                                       | \$315,769                           | \$3,473,459                              |
| 12 2021                 | \$315,769                              | \$0                                       | \$315,769                           | \$3,789,228                              |
| 13 2022                 | \$315,769                              | \$0                                       | \$315,769                           | \$4,104,997                              |
| 14 2023                 | \$315,769                              | \$0                                       | \$315,769                           | \$4,420,766                              |
| 15 2024                 | \$315,769                              | \$0                                       | \$315,769                           | \$4,736,535                              |
| Total                   | \$4,736,535                            | \$0                                       | \$4,736,535                         |  |

Note: The Combined Heat and Power (CHP) project (contract executed 9/30/2013) guaranteed \$537,112 to cover the cost of the project (adjusted to \$419,467 since the project was not financed.) This guarantee amount is not included in the table above, since the CHP project was funded via excess savings from years 1 through 3 of the program. See Table 3a.

A second Energy Performance and Service Agreement dated 9/30/2013 provided for the installation of a Combined Heat and Power (“CHP”) Project that was estimated to generate \$62,833 in additional energy savings and increase operational costs by \$17,760 annually for a net savings of \$45,073. This second agreement guaranteed that Medina would recover the cost of the CHP project including construction and financing costs estimated at \$537,122. Since Medina was able to fund the project without financing, thereby eliminating interest costs, the guaranteed amount was adjusted to \$419,467, equivalent to the installed cost for the CHP system.

For auditing and verification purposes the parties agreed that the original Total Guaranteed Savings amount of \$4,736,535 for the original contract should not be increased to reflect the additional CHP project guarantees; instead, the Cumulative Actual Savings achieved during Performance Years 1 through 3 was reduced by \$419,467 as shown in Table 3a.

**Section 3: Performance History**

At the end of Performance Year 15, Medina City Schools had accumulated \$7.7 million in savings since the beginning of the energy savings program, more than \$3.0 million above the cumulative guaranteed savings.

**Table 3a:** Performance History for the Medina City Schools Energy Savings Program

| Performance Year  |                     | Guaranteed Savings (\$) | Actual Savings (\$) | Cumulative Guaranteed Savings (\$) | Cumulative Actual Savings (\$) |
|---|---------------------|-------------------------|---------------------|------------------------------------|--------------------------------|
| ---   | Interim Period      | -----                   | \$470,472           | -----                              | \$470,472                      |
| 1   | 10/09 - 9/10        | \$315,769               | \$438,675           | \$315,769                          | \$909,147                      |
| 2   | 10/10 - 9/11        | \$315,769               | \$478,648           | \$631,538                          | \$1,387,795                    |
| 3   | 10/11 - 9/12        | \$315,769               | \$444,287           | \$947,307                          | \$1,832,082                    |
| Note: CHP Project contract was signed 9/30/2013 and guaranteed total savings of \$419,467; this Project was funded via the excess savings from years 1 through 3 of the guarantee. The annual Guaranteed Savings amount has not been increased to reflect the additional CHP Project guarantee; instead the Cumulative Actual Savings for Performance Year 3 has been reduced by \$419,467. |                     |                         |                     |                                    |                                |
| <b>3 rev</b>  | <b>10/11 - 9/12</b> | <b>\$315,769</b>        | <b>\$444,287</b>    | <b>\$947,307</b>                   | <b>\$1,412,615</b>             |
| 4   | 10/12 - 9/13        | \$315,769               | \$501,965           | \$1,263,076                        | \$1,914,580                    |
| 5   | 10/13 - 9/14        | \$315,769               | \$566,866           | \$1,578,845                        | \$2,481,447                    |
| 6   | 10/14 - 9/15        | \$315,769               | \$501,972           | \$1,894,614                        | \$2,983,419                    |
| 7   | 10/15 - 9/16        | \$315,769               | \$440,660           | \$2,210,383                        | \$3,424,079                    |
| 8   | 10/16 - 9/17        | \$315,769               | \$460,049           | \$2,526,152                        | \$3,884,128                    |
| 9   | 10/17 - 9/18        | \$315,769               | \$583,582           | \$2,841,921                        | \$4,467,710                    |
| 10  | 10/18 - 9/19        | \$315,769               | \$575,634           | \$3,157,690                        | \$5,043,344                    |
| 11  | 10/19 - 9/20        | \$315,769               | \$506,639           | \$3,473,459                        | \$5,549,983                    |
| 12  | 10/20 - 9/21        | \$315,769               | \$547,581           | \$3,789,228                        | \$6,097,564                    |
| 13  | 10/21 - 9/22        | \$315,769               | \$518,062           | \$4,104,997                        | \$6,615,626                    |
| 14  | 10/22 - 9/23        | \$315,769               | \$576,701           | \$4,420,766                        | \$7,192,327                    |
| 15  | 10/23 - 9/24        | \$315,769               | \$556,893           | \$4,736,535                        | \$7,749,221                    |
| Total   |                     | \$4,736,535             |                     |                                    |                                |

**Energy Audit for Medina City Schools, Year 15**

The undersigned agrees that The Brewer-Garrett Company delivered this audit report to Medina City Schools. If no written reply is made to The Brewer-Garrett Company concerning the validity of this audit in 30 days, it will be considered received by Medina City Schools.

Received by:

Date:

Medina City Schools

Delivered by:

Date:

The Brewer-Garrett Company

**Section 4: Summary of Savings**

**Medina City Schools ~ Performance Year 15**

**Summary of Savings**

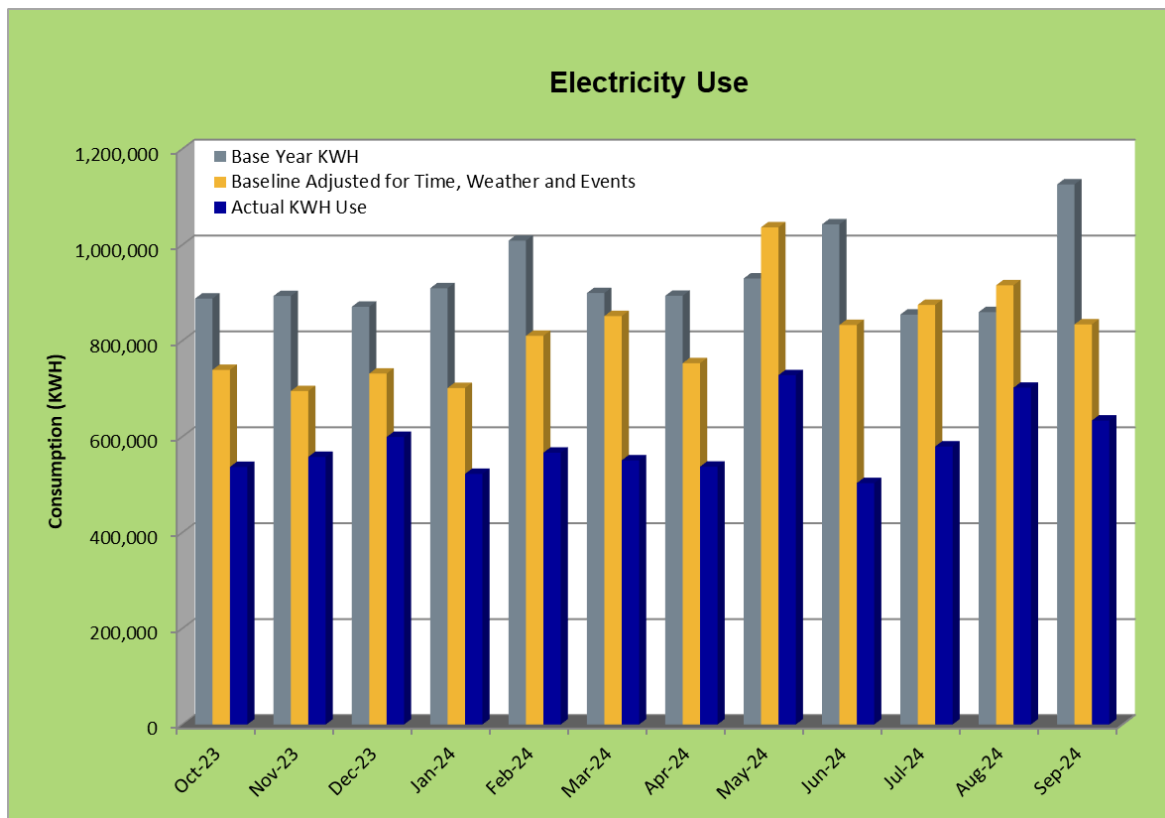
|                                   |                     |            |     |
|-----------------------------------|---------------------|------------|-----|
| <b>Electric</b>                   |                     |            |     |
| KWH Used In Base Year             |                     | 11,180,440 | KWH |
| Baseline for                      | Performance Year 15 | 9,779,713  | KWH |
| Actual Usage for                  | Performance Year 15 | 7,020,493  | KWH |
| Total KWH Saved                   |                     | 2,759,220  | KWH |
| Total Dollars Saved               |                     | \$357,029  |     |
| <b>Natural Gas</b>                |                     |            |     |
| MCF Used In Base Year             |                     | 42,373     | MCF |
| Baseline for                      | Performance Year 15 | 37,484     | MCF |
| Actual Usage for                  | Performance Year 15 | 22,847     | MCF |
| Total MCF Saved                   |                     | 14,637     | MCF |
| Total Dollars Saved               |                     | \$163,793  |     |
| <b>Water and Sewer</b>            |                     |            |     |
| Water Used In Base Year           |                     | 3,676      | CCF |
| Water Baseline for                | Performance Year 15 | 3,676      | CCF |
| Water Actual Usage for            | Performance Year 15 | 1,978      | CCF |
| Total Water CCF Saved             |                     | 1,698      | CCF |
| Total Water Dollars Saved         |                     | \$9,886    |     |
| Total Sewer Dollars Saved         |                     | \$26,186   |     |
| Total Water & Sewer Dollars Saved |                     | \$36,072   |     |
| <b>Total Actual Savings</b>       |                     |            |     |
|                                   | Performance Year 15 | \$556,893  |     |
| <b>Total Guaranteed Savings</b>   |                     |            |     |
|                                   | Performance Year 15 | \$315,789  |     |

**Table 4a**

## Section 5: Electric Savings

Several projects implemented as part of the Medina City Schools Energy Savings Program were projected to achieve electric savings. These projects include a) district wide lighting retrofits and occupancy sensor installations, b) lighting controls at the High School, c) district wide vending machine control, d) variable frequency drives at Ella Canavan, Root and the High School, e) demand ventilation at Blake, Heritage, High School and Root, f) building automation system upgrades at the High School, and g) electric fan coil unit replacement with a natural gas unit at Heritage. The savings at Blake as a result of our rate investigation with First Energy/Ohio Edison have continued.

The adjusted electric baseline usage, actual electric usage, and base year electric usage are plotted side by side for each month in Figure 5a below.



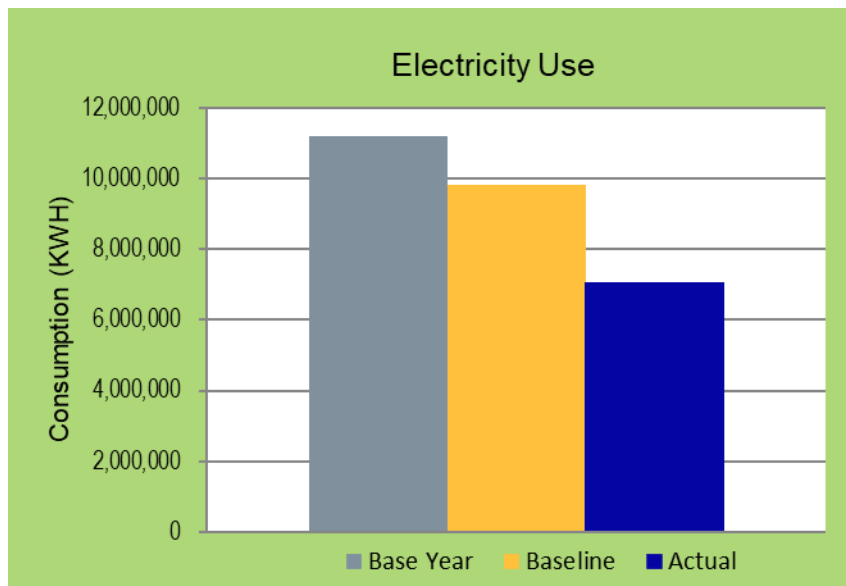
**Figure 5a**

Electric savings are determined by multiplying the energy and demand saving units by the applicable utility rate to convert units saved to dollars saved. Units of electricity saved are equal to the Baseline kWh minus Actual kWh, where the Baseline is the Base Year adjusted for time, weather, and events. The electric savings are calculated monthly and then total to yield an annual amount. The applicable



utility rate is based on the larger of the electric rate paid during the Performance Year or the Base Year as specified in Section 8.1 of the Contract.

Electric use in all the Medina City Schools that were affected by Brewer-Garrett is summarized in Figure 5b. During Performance Year 15, the annual electric usage in the schools affected by the Energy Savings Program decreased by over 2.7 million kWh (28%) from the Baseline. This is a savings of \$357,029 to Medina, and a reduction of 1,854 metric tons of CO<sub>2</sub> emissions, which is equivalent to keeping 432 passenger vehicles off the road for one year.

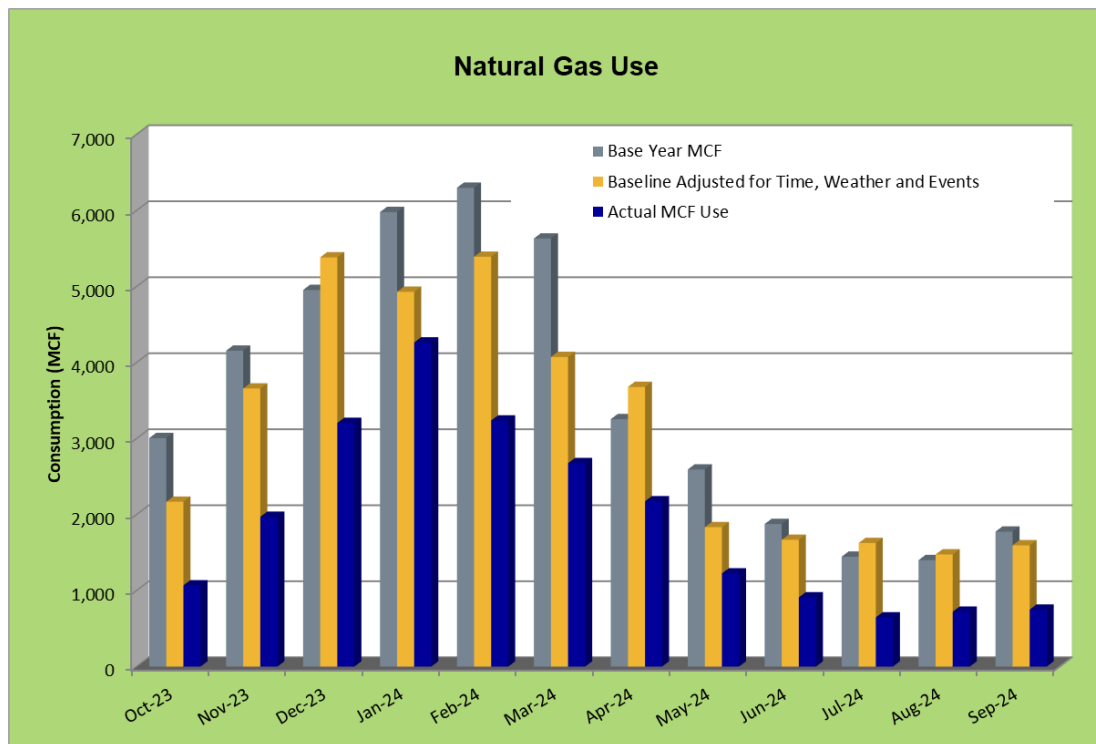


**Figure 5b**

**Section 6: Natural Gas Savings**

Several projects implemented as part of the Medina City Schools Energy Savings Program were projected to result in natural gas savings. These projects include a) demand ventilation at Blake, Heritage, High School and Root, b) building automation system upgrades at the High School, c) heat recovery and pool system modifications at the High School, and d) replacement of heating/ventilating units at Fenn and Garfield. The replacement of an electric fan coil unit with a gas-fired unit at Heritage was expected to save electricity but used more natural gas.

The adjusted natural gas baseline usage, actual natural gas usage, and base year natural gas usage are plotted side by side for each month in Figure 6a below.

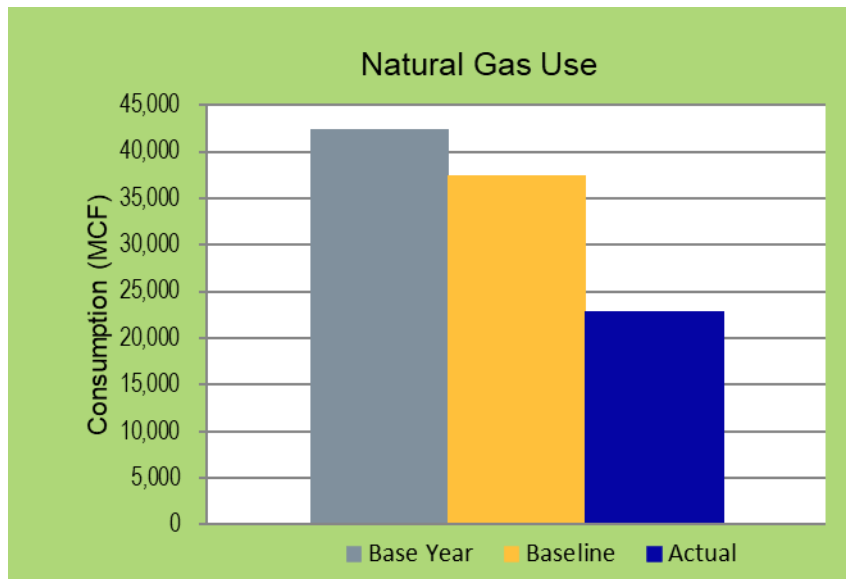


**Figure 6a**

Natural gas dollar savings are calculated each month by multiplying the monthly natural gas rate in \$/MCF by the units of natural gas saved. The monthly natural gas rate in \$/MCF is calculated based on Total Natural Gas \$ / Total Natural Gas MCF and is calculated separately for each building. The units of natural gas saved are equal to the Baseline MCF minus Actual MCF, where Baseline is the Base Year adjusted for time, weather, and events. The natural gas savings are calculated each month, and then summed to yield an annual savings. The energy savings are calculated based on the larger

of the natural gas rate paid during the Performance Year or the Base Year as specified in Section 8.1 of the Contract.

Natural gas use in all the Medina City Schools that were affected by Brewer-Garrett is summarized in Figure 6b. During Performance Year 15, the natural gas usage in the schools affected by the Energy Savings Program has been reduced by 14,637 MCF, or 39% from the Baseline. This is a savings of \$163,793 to Medina, and a reduction of 802 metric tons of CO<sub>2</sub> emissions, which is equivalent to keeping 187 passenger vehicles off the road for one year.



**Figure 6b**

**Section 7: Water and Sewer Savings**

Water conservation projects were implemented at Claggett and Garfield as part of the Medina City Schools Energy Savings Program and included the replacement of water-cooled condensers with air cooled units, and the automation of flush systems for urinals in the boys' bathrooms. In addition, Brewer-Garrett was instrumental in effecting a sewer rate change for Claggett. As a result, water and sewer savings were expected at both Claggett and Garfield.

Sewer savings were expected at the High School, where a sub-meter was installed for the cooling tower. This sub-meter enables the measurement of water evaporation to the atmosphere during the cooling process.

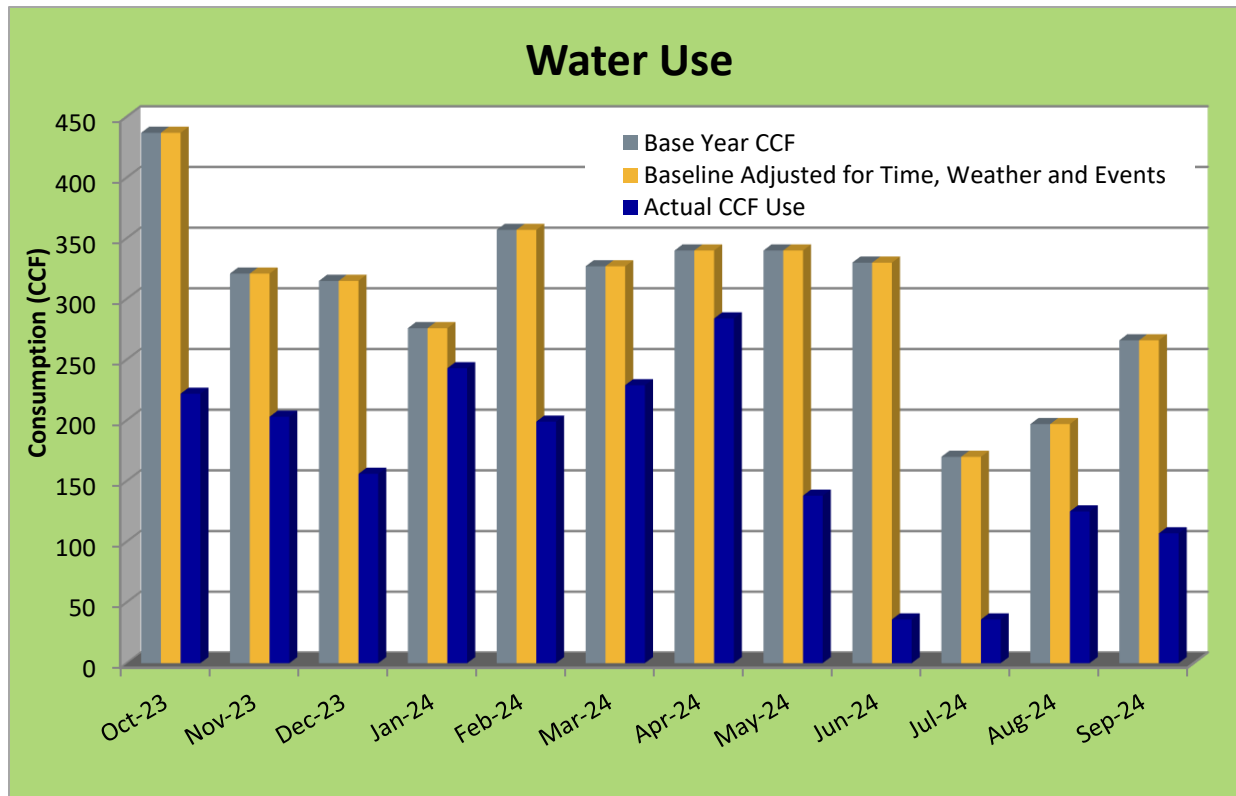
Sewer billings at Claggett, Garfield, and the High School are based on a fixed UNITS of sewer used every two months. These bills are adjusted for usage and rates periodically, but usually function independently of the actual water usage at each school. As a result, Brewer-Garrett calculates what the sewer usage should be and then analyzes the difference, to determine if the District is overbilled or underbilled.

During a review of sewer billing data, it was determined that the Medina County Sanitary Engineering Department has reduced the quantity of sewer UNITS that each school is billed, no doubt in response to a reduction in water use. An analysis was performed to validate the sewer billing practices; this summary is shown in Table 7a. Typically, the District is slightly overbilled for sewer usage and this year that pattern held true.

| <b>Sewer UNITS Billing Analysis</b> |         | <b>Claggett</b> | <b>Garfield</b> | <b>High School</b> |
|-------------------------------------|---------|-----------------|-----------------|--------------------|
| Annual Actual Water Use             | CCF     | 879             | 1,099           | 11,423             |
| Annual Actual Water Use             | Gallons | 657,492         | 822,052         | 8,544,404          |
| Annual Actual UNITS Used            | UNITS   | 94              | 117             | 1,221              |
| Annual UNITS Billed                 | UNITS   | 103             | 127             | 1,442              |
| Monthly Actual UNITS Used           | UNITS   | 7.83            | 9.79            | 101.72             |
| Monthly UNITS Billed                | UNITS   | 8.58            | 10.56           | 120.20             |
| Overbilled or (Underbilled)         | UNITS   | 9               | 9               | 222                |
| Overbilled or (Underbilled)         | \$      | \$301           | \$280           | \$6,708            |
| Total Overbilled (Underbilled)      | UNITS   |                 | 240             |                    |
| Total Overbilled (Underbilled)      | \$      |                 | \$7,289         |                    |

**Table 7a**

Water dollar savings are calculated each month by multiplying the monthly water rate in \$/CCF by the units of water saved. The monthly water rate in \$/CCF is calculated based on: Total Water \$ / Total Water CCF and is calculated separately for each building. The units of water saved are equal to the Baseline CCF minus Actual CCF, where Baseline is the Base Year use with no adjustments. The water savings are calculated each month, and then summed to yield annual savings. The Base Year, Base Line and Actual usage are shown monthly side by side in Figure 7b.



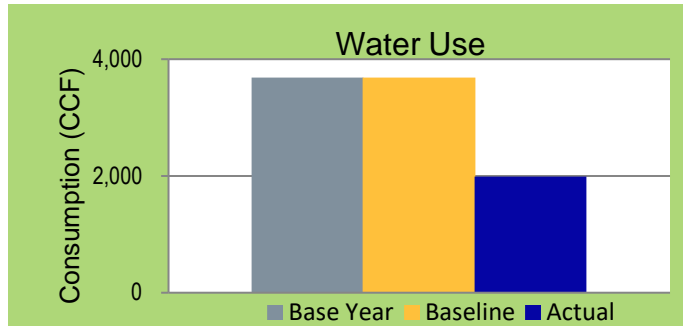
**Figure 7b**

Sewer dollar savings are calculated bi-monthly, to correspond with actual sewer bills. Sewer savings in this performance report are from: a) Claggett, as the result of the reduction in sewer “units” that Brewer-Garrett was instrumental in securing, and b) Garfield, as the result of the reduction in water use, and the corresponding reduction in sewer “units” that the Medina County Sanitary Engineering Department implemented. No sewer savings for the High School were included in this report. The sewer savings in terms of “units” are multiplied by the sewer rate in \$/“unit” on a bi-monthly basis, and then summed to yield an annual savings.

The water and sewer savings are calculated based on the larger of the water and sewer rates paid during the Performance Year or the Base Year as specified in Section 8.1 of the Contract.

The combined water use for Claggett and Garfield is summarized in Figure 7c. The Base Year, Baseline and Actual total usage during Performance Year 15 are shown side-by-side for comparison.

The overall water usage in these schools has been reduced by approximately 46% from the Baseline; this is a savings to Medina of over \$36,072 in water and sewer charges.



**Figure 7c**

**Section 8: Operational Savings**

No operational savings were claimed on this project.

## Section 9: Adjustments

Adjustments are incorporated in the baseline projection for energy use to include changes in the number of days in a billing period as well as weather fluctuations, and events.

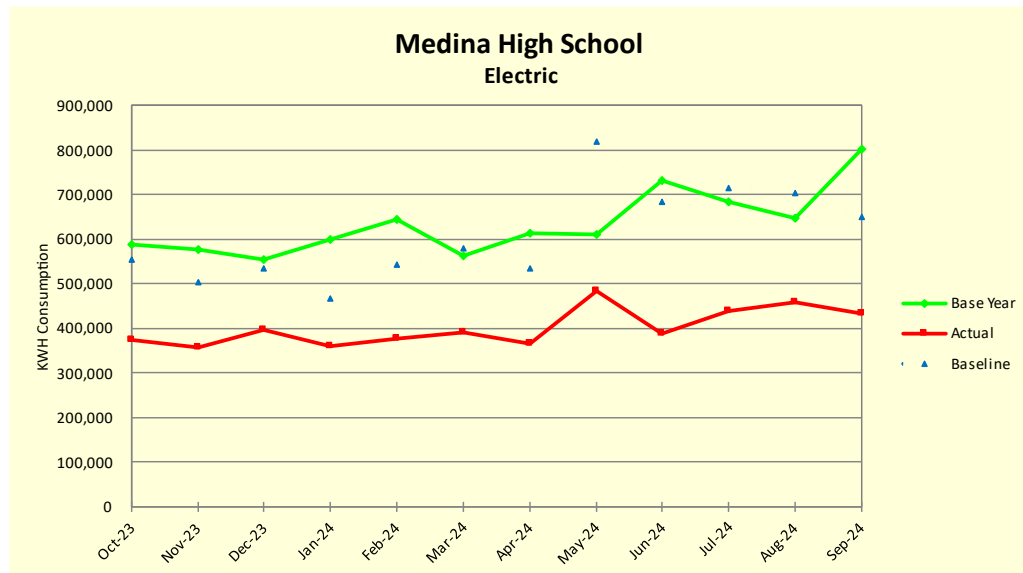
### Time and Weather

Adjustments for time account for the difference in the number of days in a billing cycle. While the total number of days in the billing year does not typically vary substantially from 365, there can be variations monthly. Since savings calculations are performed monthly, changes in billing dates will affect the weather data and historical usage that is used for calculations. Adjustments for weather data allow predictions on how much energy a facility should be using. As the number of heating degree days increases (decreases), we would expect more (less) natural gas use. Similarly, as the number of cooling degree days increases (decreases), we would expect more (less) electricity used for building cooling. During this Performance Year, we experienced a warmer summer than the Base Year and a milder winter.

| Total Degree Days        |           |                     |
|--------------------------|-----------|---------------------|
|                          | Base Year | Performance Year 15 |
| Cooling Degree Days (60) | 1,299     | 1,827               |
| Heating Degree Days (65) | 5,325     | 4,142               |

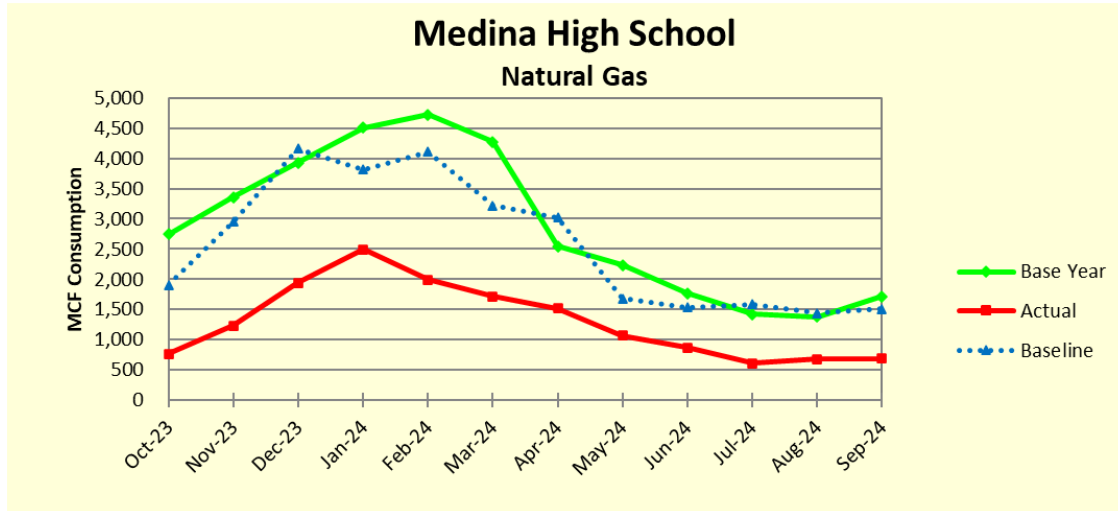
**Table 9a**

To show the calculation of the baseline, and savings, the annual performance of both electric and natural gas for Medina High School is shown below. The green line shows the Base Year Data. The dashed blue line shows the Baseline Usage, which is the Base Year adjusted for time weather and events. The red line shows the actual usage of the current year from actual utility bills.



**Figure 9b**





**Figure 9c**

### Additional Equipment

The heating/ventilating units at Fenn and Garfield were replaced and air conditioning was added as part of the Energy Savings Program. The energy use associated with the air conditioning equipment is an adjustment to the baseline as addressed in Schedule F of the Contract: Savings Calculation Formulae: Methodology to Adjust Baseline.

The additional demand and energy use for these units is calculated based on the information in Table 9a and is included in the Electric Baseline.

| School Name         | Quantity | Unit Description                                      |
|---------------------|----------|---|
| Fenn Elementary     | 1        | Library/Computer Lab Unit<br>10 ton, EER=11, 2300 hrs |
|                     | 1        | Gym Unit<br>10 ton, EER=11, 2700 hrs                  |
| Garfield Elementary | 1        | Gym Unit<br>12 ton, EER=9.7, 2925 hrs                 |

**Table 9d**

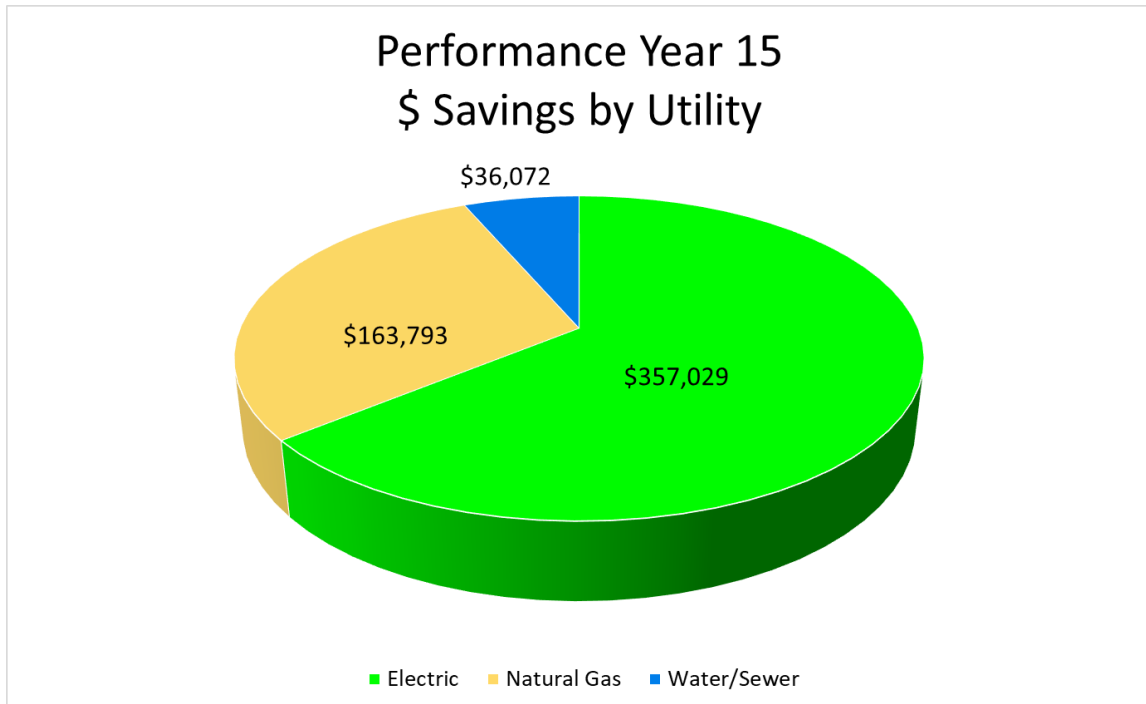
### Lighting Retrofit

The District Wide Lighting Retrofit Project also continues to save energy annually. The lighting project is separate from the original energy savings program. To ensure the savings from the lighting retrofit were not accounted for twice, the energy savings associated with the lighting project is an adjustment to the baseline of the energy savings program. The lighting retrofit adjustments were calculated from measurement and verification savings. The Lighting M&V Savings Summary is provided in Appendix B.

**Section 10: Energy Savings – Performance Year 15**

For Performance Year 15 (October 2023 through September 2024), Brewer-Garrett guarantees \$315,789 in annual savings as shown in Table 2a.

Based on utility bills for electric, natural gas, water and sewer, Medina saved \$556,893.



**Figure 10a**

## Section 11: Conclusion

Brewer-Garrett is pleased to be Medina's energy partner. We believe in bringing value to partnerships in areas outside of merely reporting energy savings.

Over the last 15 years since this project was implemented, we have seen Medina's district-wide energy use drop significantly. One measure used to determine the energy efficiency in buildings is the Energy Use Intensity or EUI. The table below shows the reduced energy use by building across the District since this project was implemented. The total district average shows a reduction of 42% from the base year to the current performance year.

Medina City Schools - EUI (mmBTU/Sq. Ft.)

| Building                 | Sq. Ft           | Base Year         |               |               |               | PY15 - 2024      |               |               |               |
|--------------------------|------------------|-------------------|---------------|---------------|---------------|------------------|---------------|---------------|---------------|
|                          |                  | KWH               | MCF           | mmBtu/Sq.Ft   | Notes         | KWH              | MCF           | mmBtu/Sq.Ft   | Notes         |
| Kindergarten Center*     | 18,000           | 101,680           |               | 0.0193        | Just electric | 99,280           |               | 0.0188        | Just electric |
| Claggatt Middle School*  | 96,000           | 458,240           |               | 0.0163        | Just electric | 357,000          |               | 0.0127        | Just electric |
| Root Middle School       | 128,000          | 1,055,920         | 2,154         | 0.0454        |               | 601,120          | 1,899         | 0.0312        |               |
| Blake Elementary         | 72,000           | 621,120           | 1,211         | 0.0467        |               | 422,733          | 1,144         | 0.0363        |               |
| Ella Canavan Elementary* | 66,000           | 295,120           |               | 0.0153        | Just electric | 187,840          |               | 0.0097        | Just electric |
| Fenn Elementary          | 69,000           | 228,640           | 1,974         | 0.0407        |               | 132,640          | 1,850         | 0.0341        |               |
| Garfield Elementary      | 66,000           | 302,760           | 2,166         | 0.0493        |               | 153,960          | 1,852         | 0.0367        |               |
| Heritage Elementary      | 47,000           | 498,160           | 266           | 0.0420        |               | 240,720          | 529           | 0.0290        |               |
| Medina High School       | 546,000          | 7,618,800         | 34,602        | 0.1126        |               | 4,825,200        | 15,573        | 0.0594        |               |
| <b>Total</b>             | <b>1,108,000</b> | <b>11,180,440</b> | <b>42,373</b> | <b>0.0737</b> |               | <b>7,020,493</b> | <b>22,847</b> | <b>0.0428</b> |               |

\*Only the electric bill was audited both before and after the project.

## **Appendix A – Tables and Charts**

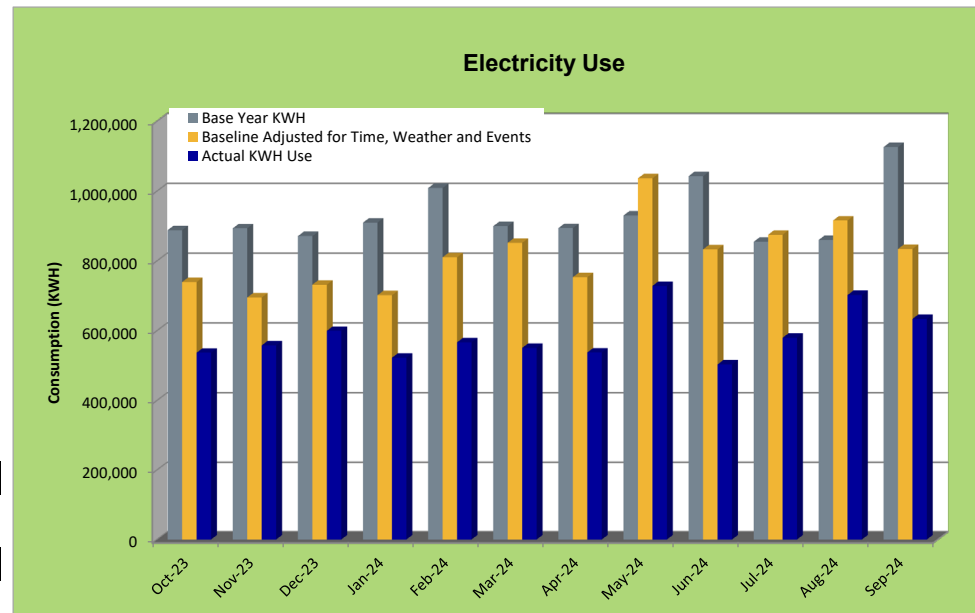
## Medina City Schools ~ Performance Year 15

### Electricity Summary

|  |             |     |
|--|-------------|-----|
| Electricity Used In Base Year            | 11,180,440  | KWH |
| Adjustments for Time, Weather and Events | (1,400,727) | KWH |
| Baseline Usage                           | 9,779,713   | KWH |
| Actual Usage                             | 7,020,493   | KWH |

**Total KWH Saved 2,759,220**

**Total Dollars Saved \$357,029**



## Medina City Schools ~ Performance Year 15

### Electricity Savings

#### Electricity Base Year Units KWH

| KWH                     | October        | November       | December       | January        | February         | March          | April          | May            | June             | July           | August         | September        | Total             |
|-------------------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|------------------|----------------|----------------|------------------|-------------------|
| Blake Elementary        | 53,120         | 55,640         | 55,920         | 47,080         | 60,880           | 58,760         | 48,520         | 56,240         | 53,440           | 34,360         | 41,800         | 55,360           | 621,120           |
| Claggett Middle         | 38,080         | 41,280         | 40,160         | 45,920         | 49,760           | 45,440         | 34,560         | 41,920         | 33,120           | 21,440         | 21,600         | 44,960           | 458,240           |
| Ella Canavan Elementary | 27,520         | 24,880         | 24,720         | 23,360         | 25,760           | 25,760         | 24,080         | 29,840         | 29,360           | 18,240         | 14,800         | 26,800           | 295,120           |
| Fenn Elementary         | 19,920         | 23,280         | 16,720         | 18,960         | 22,800           | 21,600         | 18,720         | 20,560         | 16,560           | 12,480         | 14,880         | 22,160           | 228,640           |
| Garfield Elementary     | 27,360         | 24,960         | 26,040         | 20,160         | 27,840           | 26,400         | 24,120         | 26,520         | 29,160           | 15,000         | 24,480         | 30,720           | 302,760           |
| Heritage Elementary     | 34,240         | 42,000         | 46,880         | 64,160         | 58,160           | 53,520         | 41,040         | 37,920         | 34,400           | 21,200         | 28,240         | 36,400           | 498,160           |
| Medina High School      | 589,200        | 578,400        | 554,400        | 600,000        | 645,600          | 561,600        | 613,200        | 612,000        | 732,000          | 684,000        | 646,800        | 801,600          | 7,618,800         |
| Kindergarten Center     | 8,160          | 9,240          | 8,880          | 8,880          | 11,040           | 8,160          | 9,800          | 8,520          | 7,280            | 6,240          | 6,080          | 9,400            | 101,680           |
| Root Middle             | 90,640         | 93,920         | 97,520         | 81,280         | 107,200          | 98,560         | 80,080         | 96,640         | 107,680          | 42,000         | 61,440         | 98,960           | 1,055,920         |
| <b>Total KWH</b>        | <b>888,240</b> | <b>893,600</b> | <b>871,240</b> | <b>909,800</b> | <b>1,009,040</b> | <b>899,800</b> | <b>894,120</b> | <b>930,160</b> | <b>1,043,000</b> | <b>854,960</b> | <b>860,120</b> | <b>1,126,360</b> | <b>11,180,440</b> |

#### Electricity Base Year Cost \$

| Cost \$                 | October          | November         | December        | January         | February        | March           | April           | May             | June             | July            | August          | September        | Total              |
|-------------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|------------------|--------------------|
| Blake Elementary        | \$9,600          | \$9,704          | \$9,715         | \$9,285         | \$9,841         | \$9,753         | \$9,332         | \$9,650         | \$9,534          | \$8,825         | \$9,132         | \$9,692          | \$114,063          |
| Claggett Middle         | \$5,402          | \$5,205          | \$4,655         | \$5,425         | \$5,539         | \$5,426         | \$5,307         | \$5,461         | \$5,091          | \$3,208         | \$3,304         | \$5,622          | \$59,645           |
| Ella Canavan Elementary | \$3,920          | \$3,401          | \$2,853         | \$2,778         | \$3,538         | \$3,887         | \$2,848         | \$4,238         | \$4,603          | \$2,870         | \$2,332         | \$3,800          | \$41,069           |
| Fenn Elementary         | \$2,254          | \$2,380          | \$1,896         | \$2,246         | \$2,345         | \$2,313         | \$1,403         | \$2,267         | \$2,235          | \$1,256         | \$1,593         | \$2,459          | \$24,647           |
| Garfield Elementary     | \$3,338          | \$2,973          | \$2,938         | \$2,844         | \$3,138         | \$3,022         | \$3,000         | \$3,343         | \$4,481          | \$2,316         | \$3,770         | \$4,411          | \$39,574           |
| Heritage Elementary     | \$4,169          | \$4,947          | \$5,756         | \$6,266         | \$6,093         | \$6,324         | \$5,201         | \$4,286         | \$5,078          | \$3,021         | \$4,223         | \$4,411          | \$59,776           |
| Medina High School      | \$58,128         | \$57,109         | \$54,509        | \$39,837        | \$46,096        | \$52,823        | \$56,607        | \$56,576        | \$63,172         | \$61,799        | \$60,844        | \$63,586         | \$671,086          |
| Kindergarten Center     | \$1,290          | \$1,346          | \$1,330         | \$940           | \$997           | \$919           | \$991           | \$1,063         | \$1,151          | \$988           | \$963           | \$1,352          | \$13,331           |
| Root Middle             | \$14,124         | \$14,183         | \$14,218        | \$10,979        | \$10,965        | \$11,571        | \$11,340        | \$10,461        | \$14,028         | \$12,127        | \$6,581         | \$9,620          | \$140,197          |
| <b>Total Cost \$</b>    | <b>\$102,225</b> | <b>\$101,247</b> | <b>\$97,872</b> | <b>\$80,600</b> | <b>\$88,552</b> | <b>\$96,037</b> | <b>\$96,028</b> | <b>\$97,345</b> | <b>\$109,374</b> | <b>\$96,412</b> | <b>\$92,742</b> | <b>\$104,952</b> | <b>\$1,163,388</b> |

#### Electricity Base Year Unit Cost \$/KWH

| Unit Cost \$/KWH        | October | November | December | January | February | March   | April   | May     | June    | July    | August  | September | Average Base Year Demand & Energy Rate |              |
|-------------------------|---------|----------|----------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|--|--------------|
| Blake Elementary        | \$0.181 | \$0.174  | \$0.174  | \$0.197 | \$0.162  | \$0.166 | \$0.192 | \$0.172 | \$0.178 | \$0.257 | \$0.218 | \$0.175   | \$17.00/KW                             | \$0.0400/KWH |
| Claggett Middle         | \$0.142 | \$0.126  | \$0.116  | \$0.118 | \$0.111  | \$0.119 | \$0.154 | \$0.130 | \$0.154 | \$0.150 | \$0.153 | \$0.125   | \$16.11/KW                             | \$0.0593/KWH |
| Ella Canavan Elementary | \$0.142 | \$0.137  | \$0.115  | \$0.119 | \$0.137  | \$0.151 | \$0.118 | \$0.142 | \$0.157 | \$0.157 | \$0.158 | \$0.142   | \$14.68/KW                             | \$0.0686/KWH |
| Fenn Elementary         | \$0.113 | \$0.102  | \$0.113  | \$0.118 | \$0.103  | \$0.107 | \$0.075 | \$0.110 | \$0.135 | \$0.101 | \$0.107 | \$0.111   | \$21.98/KW                             | \$0.0298/KWH |
| Garfield Elementary     | \$0.122 | \$0.119  | \$0.113  | \$0.141 | \$0.113  | \$0.114 | \$0.124 | \$0.126 | \$0.154 | \$0.154 | \$0.154 | \$0.144   | \$15.08/KW                             | \$0.0662/KWH |
| Heritage Elementary     | \$0.122 | \$0.118  | \$0.123  | \$0.098 | \$0.105  | \$0.118 | \$0.127 | \$0.113 | \$0.148 | \$0.142 | \$0.150 | \$0.121   | \$19.87/KW                             | \$0.0397/KWH |
| Medina High School      | \$0.099 | \$0.099  | \$0.098  | \$0.066 | \$0.071  | \$0.094 | \$0.092 | \$0.092 | \$0.086 | \$0.090 | \$0.094 | \$0.079   | \$20.65/KW                             | \$0.0257/KWH |
| Kindergarten Center     | \$0.158 | \$0.146  | \$0.150  | \$0.106 | \$0.090  | \$0.113 | \$0.101 | \$0.125 | \$0.158 | \$0.158 | \$0.158 | \$0.144   | \$14.28/KW                             | \$0.0724/KWH |
| Root Middle             | \$0.156 | \$0.151  | \$0.146  | \$0.135 | \$0.102  | \$0.117 | \$0.142 | \$0.108 | \$0.130 | \$0.289 | \$0.107 | \$0.097   | \$15.43/KW                             | \$0.0652/KWH |

## Medina City Schools ~ Performance Year 15

### Electricity Savings

#### Electricity Actual Performance Year Units KWH

| KWH                     | Oct-23         | Nov-23         | Dec-23         | Jan-24         | Feb-24         | Mar-24         | Apr-24         | May-24         | Jun-24         | Jul-24         | Aug-24         | Sep-24         | Total            |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Blake Elementary        | 32,520         | 41,290         | 31,538         | 35,659         | 34,558         | 30,682         | 33,905         | 32,926         | 29,866         | 30,804         | 47,573         | 41,412         | 422,733          |
| Claggett Middle         | 25,440         | 29,120         | 27,200         | 31,040         | 22,400         | 12,000         | 21,600         | 90,080         | 1,000          | 15,040         | 46,240         | 35,840         | 357,000          |
| Ella Canavan Elementary | 13,440         | 16,080         | 13,040         | 14,480         | 12,960         | 13,280         | 15,280         | 16,160         | 13,680         | 16,560         | 23,600         | 19,280         | 187,840          |
| Fenn Elementary         | 10,320         | 12,800         | 14,080         | 0              | 13,120         | 15,200         | 13,840         | 5,920          | 0              | 11,120         | 16,720         | 19,520         | 132,640          |
| Garfield Elementary     | 14,160         | 19,680         | 17,280         | 0              | 16,080         | 15,720         | 16,320         | 19,920         | 12,720         | 11,640         | 10,440         | 0              | 153,960          |
| Heritage Elementary     | 17,520         | 24,880         | 22,720         | 24,000         | 27,280         | 20,400         | 18,480         | 17,680         | 10,480         | 12,080         | 26,720         | 18,480         | 240,720          |
| Medina High School      | 374,400        | 357,600        | 396,000        | 360,000        | 378,000        | 390,000        | 366,000        | 485,333        | 388,267        | 439,200        | 458,400        | 432,000        | 4,825,200        |
| Kindergarten Center     | 6,160          | 6,720          | 27,200         | 6,640          | 6,200          | 6,360          | 4,960          | 7,720          | 6,600          | 7,960          | 7,000          | 5,760          | 99,280           |
| Root Middle             | 43,040         | 49,920         | 50,560         | 50,800         | 56,160         | 47,200         | 47,280         | 52,720         | 40,800         | 35,440         | 65,600         | 61,600         | 601,120          |
| <b>Total KWH</b>        | <b>537,000</b> | <b>558,090</b> | <b>599,618</b> | <b>522,619</b> | <b>566,758</b> | <b>550,842</b> | <b>537,665</b> | <b>728,459</b> | <b>503,413</b> | <b>579,844</b> | <b>702,293</b> | <b>633,892</b> | <b>7,020,493</b> |

#### Electricity Actual Performance Year Cost \$

| Cost \$                 | Oct-23          | Nov-23          | Dec-23          | Jan-24          | Feb-24          | Mar-24          | Apr-24          | May-24          | Jun-24          | Jul-24          | Aug-24          | Sep-24          | Total            |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Blake Elementary        | \$5,200         | \$2,548         | \$2,177         | \$6,263         | \$6,154         | \$6,004         | \$6,830         | \$6,300         | \$6,090         | \$6,156         | \$7,308         | \$6,859         | \$67,888         |
| Claggett Middle         | \$3,268         | \$2,890         | \$2,850         | \$3,930         | \$3,695         | \$2,527         | \$3,506         | \$9,086         | \$2,715         | \$2,317         | \$5,723         | \$4,692         | \$47,198         |
| Ella Canavan Elementary | \$2,675         | \$1,705         | \$1,399         | \$1,936         | \$1,770         | \$1,814         | \$2,902         | \$2,799         | \$2,855         | \$3,798         | \$3,658         | \$3,107         | \$30,418         |
| Fenn Elementary         | \$1,427         | \$1,334         | \$1,484         | \$0             | \$1,799         | \$1,998         | \$1,930         | \$1,233         | \$0             | \$1,489         | \$2,100         | \$2,243         | \$17,037         |
| Garfield Elementary     | \$1,676         | \$2,273         | \$1,757         | \$0             | \$2,081         | \$2,133         | \$2,558         | \$3,162         | \$1,968         | \$1,684         | \$1,762         | \$0             | \$21,053         |
| Heritage Elementary     | \$1,990         | \$2,425         | \$2,464         | \$3,193         | \$3,576         | \$2,892         | \$2,808         | \$2,555         | \$1,574         | \$1,995         | \$3,503         | \$3,141         | \$32,116         |
| Medina High School      | \$30,670        | \$26,461        | \$29,307        | \$37,578        | \$38,577        | \$43,985        | \$41,319        | \$52,067        | \$41,653        | \$46,547        | \$49,914        | \$48,732        | \$486,810        |
| Kindergarten Center     | \$615           | \$632           | \$2,850         | \$847           | \$808           | \$815           | \$709           | \$1,141         | \$1,006         | \$2,317         | \$1,037         | \$807           | \$13,583         |
| Root Middle             | \$5,036         | \$5,333         | \$5,466         | \$6,963         | \$10,491        | \$6,586         | \$8,816         | \$8,715         | \$7,445         | \$7,698         | \$10,467        | \$10,066        | \$93,081         |
| <b>Total Cost \$</b>    | <b>\$52,558</b> | <b>\$45,600</b> | <b>\$49,754</b> | <b>\$60,710</b> | <b>\$68,950</b> | <b>\$68,754</b> | <b>\$71,376</b> | <b>\$87,058</b> | <b>\$65,307</b> | <b>\$74,000</b> | <b>\$85,471</b> | <b>\$79,647</b> | <b>\$809,184</b> |

#### Electricity Actual Performance Year Unit Cost \$/KWH

| Unit Cost \$/KWH        | Oct-23  | Nov-23  | Dec-23  | Jan-24  | Feb-24  | Mar-24  | Apr-24  | May-24  | Jun-24  | Jul-24  | Aug-24  | Sep-24  |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Blake Elementary        | \$0.160 | \$0.062 | \$0.069 | \$0.176 | \$0.178 | \$0.196 | \$0.201 | \$0.191 | \$0.204 | \$0.200 | \$0.154 | \$0.166 |
| Claggett Middle         | \$0.128 | \$0.099 | \$0.105 | \$0.127 | \$0.165 | \$0.211 | \$0.162 | \$0.101 | \$2.715 | \$0.154 | \$0.124 | \$0.131 |
| Ella Canavan Elementary | \$0.199 | \$0.106 | \$0.107 | \$0.134 | \$0.137 | \$0.137 | \$0.190 | \$0.173 | \$0.209 | \$0.229 | \$0.155 | \$0.161 |
| Fenn Elementary         | \$0.138 | \$0.104 | \$0.105 |         | \$0.137 | \$0.131 | \$0.139 | \$0.208 |         | \$0.134 | \$0.126 | \$0.115 |
| Garfield Elementary     | \$0.118 | \$0.115 | \$0.102 |         | \$0.129 | \$0.136 | \$0.157 | \$0.159 | \$0.155 | \$0.145 | \$0.169 |         |
| Heritage Elementary     | \$0.097 | \$0.108 | \$0.133 | \$0.131 | \$0.142 | \$0.152 | \$0.145 | \$0.150 | \$0.165 | \$0.131 | \$0.170 | \$0.133 |
| Medina High School      | \$0.082 | \$0.074 | \$0.074 | \$0.104 | \$0.102 | \$0.113 | \$0.107 | \$0.107 | \$0.107 | \$0.106 | \$0.109 | \$0.113 |
| Kindergarten Center     | \$0.100 | \$0.094 | \$0.105 | \$0.128 | \$0.130 | \$0.128 | \$0.143 | \$0.148 | \$0.152 | \$0.291 | \$0.148 | \$0.140 |
| Root Middle             | \$0.117 | \$0.107 | \$0.108 | \$0.137 | \$0.187 | \$0.140 | \$0.186 | \$0.165 | \$0.182 | \$0.217 | \$0.160 | \$0.163 |

## Medina City Schools ~ Performance Year 15

### Electricity Savings

#### Electricity Baseline Units KWH

|                         | Oct-23         | Nov-23         | Dec-23         | Jan-24         | Feb-24         | Mar-24         | Apr-24         | May-24           | Jun-24         | Jul-24         | Aug-24         | Sep-24         | Total            |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|------------------|
| <b>KWH</b>              |                |                |                |                |                |                |                |                  |                |                |                |                |                  |
| Blake Elementary        | 35,976         | 39,110         | 37,307         | 44,903         | 48,918         | 46,806         | 42,901         | 40,917           | 30,746         | 25,017         | 37,448         | 41,843         | 471,892          |
| Claggett Middle         | 25,794         | 26,476         | 25,627         | 34,587         | 39,103         | 33,649         | 30,317         | 29,082           | 20,103         | 17,344         | 25,808         | 29,750         | 337,639          |
| Ella Canavan Elementary | 9,524          | 13,579         | 14,607         | 19,594         | 16,923         | 20,422         | 13,416         | 12,450           | 12,803         | 11,285         | 14,269         | 10,818         | 169,691          |
| Fenn Elementary         | 13,212         | 9,873          | 13,689         | 0              | 15,692         | 16,989         | 13,760         | 19,454           | 0              | 27,647         | 22,134         | 17,063         | 169,515          |
| Garfield Elementary     | 18,901         | 21,292         | 16,416         | 0              | 20,306         | 22,741         | 21,794         | 24,560           | 26,562         | 24,635         | 26,706         | 0              | 223,914          |
| Heritage Elementary     | 21,716         | 28,769         | 31,535         | 47,309         | 45,541         | 40,714         | 27,620         | 30,734           | 24,739         | 22,724         | 29,298         | 25,105         | 375,804          |
| Medina High School      | 553,547        | 504,361        | 536,101        | 467,871        | 543,025        | 579,997        | 534,438        | 818,341          | 683,534        | 713,991        | 703,446        | 649,232        | 7,287,884        |
| Kindergarten Center     | 4,018          | 3,394          | 7,377          | 6,937          | 6,133          | 7,081          | 3,386          | 5,013            | 3,227          | 4,312          | 3,838          | 4,941          | 59,658           |
| Root Middle             | 56,760         | 48,505         | 49,155         | 80,541         | 74,935         | 83,387         | 65,801         | 56,294           | 31,486         | 28,168         | 53,016         | 55,668         | 683,716          |
| <b>Total KWH</b>        | <b>739,447</b> | <b>695,359</b> | <b>731,815</b> | <b>701,742</b> | <b>810,577</b> | <b>851,785</b> | <b>753,433</b> | <b>1,036,847</b> | <b>833,201</b> | <b>875,123</b> | <b>915,963</b> | <b>834,421</b> | <b>9,779,713</b> |

#### Electricity Savings or (Shortfall) KWH

|                         | Oct-23         | Nov-23         | Dec-23         | Jan-24         | Feb-24         | Mar-24         | Apr-24         | May-24         | Jun-24         | Jul-24         | Aug-24         | Sep-24         | Total            |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| <b>KWH</b>              |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| Blake Elementary        | 3,456          | (2,180)        | 5,769          | 9,244          | 14,360         | 16,124         | 8,996          | 7,991          | 880            | (5,787)        | (10,125)       | 431            | 49,159           |
| Claggett Middle         | 354            | (2,644)        | (1,573)        | 3,547          | 16,703         | 21,649         | 8,717          | (60,998)       | 19,103         | 2,304          | (20,432)       | (6,090)        | (19,361)         |
| Ella Canavan Elementary | (3,916)        | (2,501)        | 1,567          | 5,114          | 3,963          | 7,142          | (1,864)        | (877)          | (877)          | (5,275)        | (9,331)        | (8,462)        | (18,149)         |
| Fenn Elementary         | 2,892          | (2,927)        | (391)          | 0              | 2,572          | 1,789          | (80)           | 13,534         | 0              | 16,527         | 5,414          | (2,457)        | 36,875           |
| Garfield Elementary     | 4,741          | 1,612          | (864)          | 0              | 4,226          | 7,021          | 5,474          | 4,640          | 13,842         | 12,995         | 16,266         | 0              | 69,954           |
| Heritage Elementary     | 4,196          | 3,889          | 8,815          | 23,309         | 18,261         | 20,314         | 9,140          | 13,054         | 14,259         | 10,644         | 2,578          | 6,625          | 135,084          |
| Medina High School      | 179,147        | 146,761        | 140,101        | 107,871        | 165,025        | 189,997        | 168,438        | 333,008        | 295,268        | 274,791        | 245,046        | 217,232        | 2,462,684        |
| Kindergarten Center     | (2,142)        | (3,326)        | (19,823)       | 297            | (67)           | 721            | (1,574)        | (2,707)        | (3,373)        | (3,648)        | (3,162)        | (819)          | (39,622)         |
| Root Middle             | 13,720         | (1,415)        | (1,405)        | 29,741         | 18,775         | 36,187         | 18,521         | 3,574          | (9,314)        | (7,272)        | (12,584)       | (5,932)        | 82,596           |
| <b>Savings KWH</b>      | <b>202,447</b> | <b>137,269</b> | <b>132,197</b> | <b>179,123</b> | <b>243,819</b> | <b>300,943</b> | <b>215,768</b> | <b>308,387</b> | <b>329,788</b> | <b>295,279</b> | <b>213,670</b> | <b>200,529</b> | <b>2,759,220</b> |

#### Electricity Savings or (Shortfall) \$

|                         | Oct-23          | Nov-23          | Dec-23          | Jan-24          | Feb-24          | Mar-24          | Apr-24          | May-24          | Jun-24          | Jul-24          | Aug-24          | Sep-24          | Total            |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| <b>\$</b>               |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| Blake Elementary        | \$625           | (\$380)         | \$1,002         | \$1,823         | \$2,557         | \$3,155         | \$1,812         | \$1,529         | \$179           | (\$1,486)       | (\$2,212)       | \$75            | \$8,680          |
| Claggett Middle         | \$50            | (\$333)         | (\$182)         | \$449           | \$2,755         | \$4,559         | \$1,415         | (\$7,946)       | \$51,873        | \$355           | (\$3,125)       | (\$797)         | \$49,072         |
| Ella Canavan Elementary | (\$780)         | (\$342)         | \$181           | \$684           | \$544           | \$1,078         | (\$354)         | (\$642)         | (\$183)         | (\$1,210)       | (\$1,470)       | (\$1,364)       | (\$3,858)        |
| Fenn Elementary         | \$400           | (\$305)         | (\$44)          | \$0             | \$353           | \$235           | (\$11)          | \$2,819         | \$0             | \$2,213         | \$680           | (\$282)         | \$6,058          |
| Garfield Elementary     | \$578           | \$192           | (\$98)          | \$0             | \$547           | \$953           | \$858           | \$736           | \$2,142         | \$2,007         | \$2,745         | \$0             | \$10,660         |
| Heritage Elementary     | \$511           | \$458           | \$1,082         | \$3,101         | \$2,393         | \$2,880         | \$1,389         | \$1,886         | \$2,142         | \$1,758         | \$386           | \$1,126         | \$19,111         |
| Medina High School      | \$17,674        | \$14,491        | \$13,775        | \$11,260        | \$16,842        | \$21,428        | \$19,015        | \$35,725        | \$31,676        | \$29,122        | \$26,682        | \$24,505        | \$262,196        |
| Kindergarten Center     | (\$339)         | (\$484)         | (\$2,970)       | \$38            | (\$9)           | \$92            | (\$225)         | (\$400)         | (\$533)         | (\$1,062)       | (\$501)         | (\$118)         | (\$6,510)        |
| Root Middle             | \$2,138         | (\$214)         | (\$205)         | \$4,077         | \$3,507         | \$5,049         | \$3,453         | \$591           | (\$1,700)       | (\$2,100)       | (\$2,008)       | (\$969)         | \$11,620         |
| <b>Savings \$</b>       | <b>\$20,858</b> | <b>\$13,082</b> | <b>\$12,541</b> | <b>\$21,431</b> | <b>\$29,490</b> | <b>\$39,430</b> | <b>\$27,352</b> | <b>\$34,299</b> | <b>\$85,596</b> | <b>\$29,597</b> | <b>\$21,176</b> | <b>\$22,176</b> | <b>\$357,029</b> |



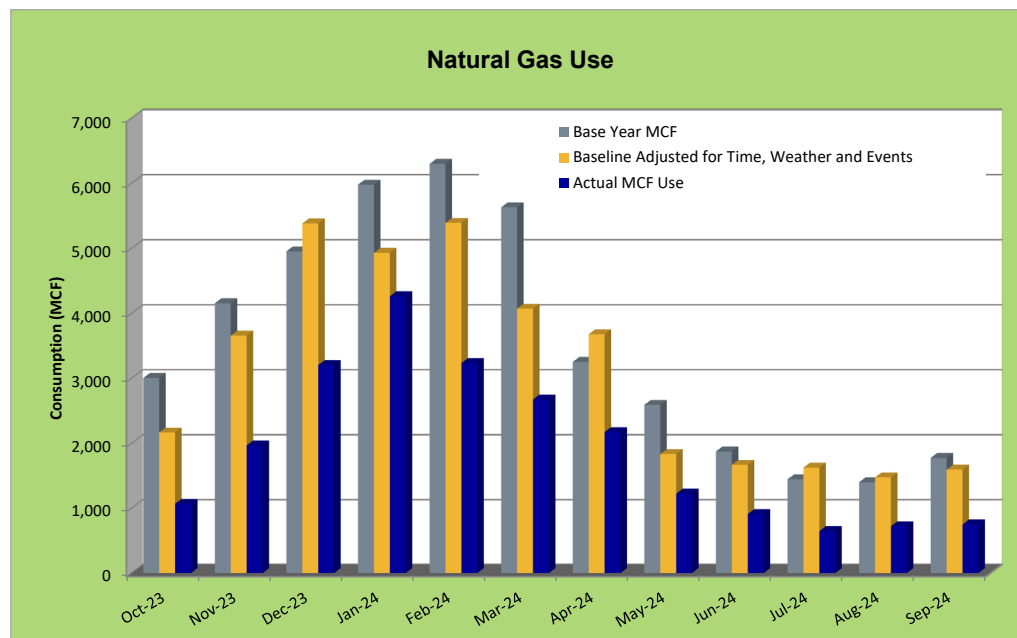
## Medina City Schools ~ Performance Year 15

### Natural Gas Summary

|  |         |     |
|--|---------|-----|
| Natural Gas Used In Base Year            | 42,373  | MCF |
| Adjustments for Time, Weather and Events | (4,889) | MCF |
| Baseline Usage                           | 37,484  | MCF |
| Actual Usage                             | 22,847  | MCF |

**Total MCF Saved 14,637**

**Total Dollars Saved \$163,793**



## Medina City Schools ~ Performance Year 15

### Natural Gas Savings

#### Natural Gas Base Year Units MCF

|                     | October      | November     | December     | January      | February     | March        | April        | May          | June         | July         | August       | September    | Total         |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| <b>MCF</b>          |              |              |              |              |              |              |              |              |              |              |              |              |               |
| Blake Elementary    | 3            | 52           | 134          | 258          | 184          | 267          | 179          | 51           | 44           | 11           | 3            | 25           | 1,211         |
| Fenn Elementary     | 88           | 250          | 238          | 372          | 407          | 333          | 148          | 101          | 15           | 4            | 14           | 4            | 1,974         |
| Garfield Elementary | 118          | 248          | 300          | 402          | 476          | 376          | 124          | 111          | 3            | 3            | 2            | 3            | 2,166         |
| Heritage Elementary | 12           | 17           | 36           | 64           | 46           | 54           | 27           | 1            | 5            | 0            | 2            | 2            | 266           |
| Medina High School  | 2,742        | 3,356        | 3,932        | 4,508        | 4,725        | 4,275        | 2,550        | 2,233        | 1,765        | 1,424        | 1,379        | 1,713        | 34,602        |
| Root Middle         | 43           | 233          | 315          | 376          | 462          | 327          | 227          | 96           | 44           | 3            | 0            | 28           | 2,154         |
| <b>Total MCF</b>    | <b>3,006</b> | <b>4,156</b> | <b>4,955</b> | <b>5,980</b> | <b>6,300</b> | <b>5,632</b> | <b>3,255</b> | <b>2,593</b> | <b>1,876</b> | <b>1,445</b> | <b>1,400</b> | <b>1,775</b> | <b>42,373</b> |

#### Natural Gas Base Year Cost \$

|                      | October         | November        | December        | January         | February        | March           | April           | May             | June            | July            | August          | September       | Total            |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| <b>Cost \$</b>       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| Blake Elementary     | \$48            | \$571           | \$1,567         | \$3,714         | \$2,265         | \$3,679         | \$1,947         | \$582           | \$445           | \$125           | \$54            | \$302           | \$15,300         |
| Fenn Elementary      | \$752           | \$2,671         | \$2,765         | \$5,311         | \$4,939         | \$4,553         | \$1,600         | \$1,114         | \$47            | \$53            | \$165           | \$60            | \$24,029         |
| Garfield Elementary  | \$954           | \$2,551         | \$3,085         | \$5,703         | \$5,580         | \$4,986         | \$1,295         | \$1,177         | \$21            | \$42            | \$36            | \$48            | \$25,479         |
| Heritage Elementary  | \$112           | \$182           | \$412           | \$926           | \$558           | \$734           | \$296           | \$26            | \$62            | \$16            | \$36            | \$37            | \$3,396          |
| Medina High School   | \$22,664        | \$35,483        | \$45,205        | \$63,965        | \$56,940        | \$58,043        | \$27,140        | \$24,096        | \$16,629        | \$13,055        | \$14,586        | \$18,848        | \$396,654        |
| Root Middle          | \$376           | \$2,491         | \$3,651         | \$5,358         | \$5,602         | \$4,470         | \$2,440         | \$860           | \$435           | \$43            | \$16            | \$353           | \$26,096         |
| <b>Total Cost \$</b> | <b>\$24,906</b> | <b>\$43,948</b> | <b>\$56,685</b> | <b>\$84,978</b> | <b>\$75,885</b> | <b>\$76,464</b> | <b>\$34,718</b> | <b>\$27,855</b> | <b>\$17,639</b> | <b>\$13,334</b> | <b>\$14,893</b> | <b>\$19,648</b> | <b>\$490,954</b> |

#### Natural Gas Base Year Unit Cost \$/MCF

|                         | October | Nov-23  | Dec-23  | Jan-24  | Feb-24  | Mar-24  | Apr-24  | May-24  | Jun-24  | Jul-24  | Aug-24  | Sep-24  |  |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| <b>Unit Cost \$/MCF</b> |         |         |         |         |         |         |         |         |         |         |         |         |  |
| Blake Elementary        | \$15.95 | \$10.99 | \$11.70 | \$14.40 | \$12.31 | \$13.78 | \$10.88 | \$11.40 | \$10.11 | \$11.40 | \$18.13 | \$12.09 |  |
| Fenn Elementary         | \$8.54  | \$10.68 | \$11.62 | \$14.28 | \$12.13 | \$13.67 | \$10.81 | \$11.03 | \$10.61 | \$13.16 | \$11.80 | \$15.06 |  |
| Garfield Elementary     | \$8.08  | \$10.28 | \$10.28 | \$14.19 | \$11.72 | \$13.26 | \$10.44 | \$10.61 | \$6.95  | \$14.07 | \$18.03 | \$16.04 |  |
| Heritage Elementary     | \$9.35  | \$10.68 | \$11.44 | \$14.47 | \$12.14 | \$13.58 | \$10.97 | \$26.43 | \$12.30 | \$0.00  | \$18.03 | \$18.39 |  |
| Medina High School      | \$8.27  | \$10.57 | \$11.50 | \$14.19 | \$12.05 | \$13.58 | \$10.64 | \$10.79 | \$9.42  | \$9.17  | \$10.58 | \$11.00 |  |
| Root Middle             | \$8.75  | \$10.69 | \$11.59 | \$14.25 | \$12.13 | \$13.67 | \$10.75 | \$8.96  | \$9.89  | \$14.47 | \$0.00  | \$12.62 |  |

# Medina City Schools ~ Performance Year 15

## Natural Gas Savings

### Natural Gas Actual Performance Year Units MCF

|                     | Oct-23       | Nov-23       | Dec-23       | Jan-24       | Feb-24       | Mar-24       | Apr-24       | May-24       | Jun-24     | Jul-24     | Aug-24     | Sep-24     | Total         |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|---------------|
| <b>MCF</b>          |              |              |              |              |              |              |              |              |            |            |            |            |               |
| Blake Elementary    | 45           | 101          | 192          | 268          | 194          | 162          | 102          | 34           | 8          | 8          | 9          | 21         | 1,144         |
| Fenn Elementary     | 81           | 179          | 326          | 484          | 323          | 233          | 152          | 26           | 13         | 8          | 12         | 13         | 1,850         |
| Garfield Elementary | 81           | 217          | 319          | 455          | 309          | 235          | 166          | 43           | 8          | 7          | 6          | 6          | 1,852         |
| Heritage Elementary | 14           | 42           | 103          | 137          | 96           | 74           | 48           | 11           | 2          | 1          | 0          | 1          | 529           |
| Medina High School  | 764          | 1,230        | 1,940        | 2,495        | 1,991        | 1,716        | 1,519        | 1,067        | 866        | 613        | 684        | 688        | 15,573        |
| Root Middle         | 83           | 201          | 325          | 425          | 324          | 256          | 187          | 44           | 13         | 10         | 11         | 20         | 1,899         |
| <b>Total MCF</b>    | <b>1,068</b> | <b>1,970</b> | <b>3,205</b> | <b>4,264</b> | <b>3,237</b> | <b>2,676</b> | <b>2,174</b> | <b>1,225</b> | <b>910</b> | <b>647</b> | <b>722</b> | <b>749</b> | <b>22,847</b> |

### Natural Gas Actual Performance Year Cost \$

|                      | Oct-23         | Nov-23         | Dec-23         | Jan-24         | Feb-24         | Mar-24         | Apr-24         | May-24         | Jun-24         | Jul-24         | Aug-24         | Sep-24         | Total           |
|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| <b>Cost \$</b>       |                |                |                |                |                |                |                |                |                |                |                |                |                 |
| Blake Elementary     | \$241          | \$328          | \$434          | \$520          | \$439          | \$402          | \$330          | \$229          | \$181          | \$181          | \$184          | \$219          | \$3,690         |
| Fenn Elementary      | \$297          | \$419          | \$589          | \$769          | \$591          | \$485          | \$389          | \$216          | \$194          | \$181          | \$192          | \$198          | \$4,520         |
| Garfield Elementary  | \$315          | \$509          | \$649          | \$833          | \$640          | \$538          | \$440          | \$252          | \$0            | \$178          | \$175          | \$179          | \$4,708         |
| Heritage Elementary  | \$190          | \$245          | \$353          | \$361          | \$343          | \$304          | \$256          | \$187          | \$166          | \$163          | \$161          | \$167          | \$2,895         |
| Medina High School   | \$1,096        | \$1,635        | \$2,457        | \$3,063        | \$2,551        | \$2,227        | \$1,983        | \$1,309        | \$1,596        | \$1,193        | \$1,233        | \$1,217        | \$21,561        |
| Root Middle          | \$301          | \$444          | \$588          | \$701          | \$592          | \$512          | \$430          | \$245          | \$183          | \$186          | \$189          | \$216          | \$4,587         |
| <b>Total Cost \$</b> | <b>\$2,440</b> | <b>\$3,581</b> | <b>\$5,069</b> | <b>\$6,248</b> | <b>\$5,156</b> | <b>\$4,468</b> | <b>\$3,828</b> | <b>\$2,437</b> | <b>\$2,320</b> | <b>\$2,083</b> | <b>\$2,134</b> | <b>\$2,196</b> | <b>\$41,961</b> |

### Natural Gas Actual Performance Year Unit Cost \$/MCF

|                         | Oct-23  | Nov-23 | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24  | Jun-24  | Jul-24   | Aug-24  | Sep-24   |  |
|-------------------------|---------|--------|--------|--------|--------|--------|--------|---------|---------|----------|---------|----------|--|
| <b>Unit Cost \$/MCF</b> |         |        |        |        |        |        |        |         |         |          |         |          |  |
| Blake Elementary        | \$5.36  | \$3.25 | \$2.26 | \$1.94 | \$2.27 | \$2.48 | \$3.24 | \$6.72  | \$22.67 | \$22.67  | \$20.44 | \$10.43  |  |
| Fenn Elementary         | \$3.67  | \$2.34 | \$1.81 | \$1.59 | \$1.83 | \$2.08 | \$2.56 | \$8.30  | \$14.92 | \$22.67  | \$15.96 | \$15.25  |  |
| Garfield Elementary     | \$3.89  | \$2.35 | \$2.03 | \$1.83 | \$2.07 | \$2.29 | \$2.65 | \$5.86  | \$0.00  | \$25.36  | \$29.21 | \$29.83  |  |
| Heritage Elementary     | \$13.56 | \$5.84 | \$3.42 | \$2.63 | \$3.57 | \$4.10 | \$5.34 | \$16.98 | \$82.91 | \$163.44 |         | \$166.89 |  |
| Medina High School      | \$1.43  | \$1.33 | \$1.27 | \$1.23 | \$1.28 | \$1.30 | \$1.31 | \$1.23  | \$1.84  | \$1.95   | \$1.80  | \$1.77   |  |
| Root Middle             | \$3.62  | \$2.21 | \$1.81 | \$1.65 | \$1.83 | \$2.00 | \$2.30 | \$5.56  | \$14.05 | \$18.64  | \$17.18 | \$10.82  |  |

# Medina City Schools ~ Performance Year 15

## Natural Gas Savings

### Natural Gas Baseline Units MCF

|                     | Oct-23       | Nov-23       | Dec-23       | Jan-24       | Feb-24       | Mar-24       | Apr-24       | May-24       | Jun-24       | Jul-24       | Aug-24       | Sep-24       | Total         |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| <b>MCF</b>          |              |              |              |              |              |              |              |              |              |              |              |              |               |
| Blake Elementary    | 67           | 136          | 215          | 179          | 214          | 158          | 140          | 45           | 29           | 22           | 21           | 25           | 1,253         |
| Fenn Elementary     | 70           | 215          | 277          | 316          | 309          | 208          | 140          | 16           | 54           | 8            | 8            | 9            | 1,630         |
| Garfield Elementary | 47           | 167          | 350          | 289          | 362          | 228          | 172          | 27           | 6            | 6            | 6            | 6            | 1,665         |
| Heritage Elementary | 9            | 25           | 46           | 38           | 47           | 31           | 25           | 6            | 3            | 3            | 0            | 3            | 236           |
| Medina High School  | 1,910        | 2,949        | 4,162        | 3,818        | 4,112        | 3,222        | 3,025        | 1,685        | 1,533        | 1,584        | 1,437        | 1,509        | 30,946        |
| Root Middle         | 66           | 167          | 335          | 290          | 348          | 226          | 177          | 55           | 43           | 3            | 3            | 43           | 1,756         |
| <b>Total MCF</b>    | <b>2,168</b> | <b>3,659</b> | <b>5,384</b> | <b>4,931</b> | <b>5,392</b> | <b>4,074</b> | <b>3,679</b> | <b>1,834</b> | <b>1,668</b> | <b>1,626</b> | <b>1,475</b> | <b>1,595</b> | <b>37,484</b> |

### Natural Gas Savings or (Shortfall) MCF

|                     | Oct-23       | Nov-23       | Dec-23       | Jan-24     | Feb-24       | Mar-24       | Apr-24       | May-24     | Jun-24     | Jul-24     | Aug-24     | Sep-24     | Total         |
|---------------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|---------------|
| <b>MCF</b>          |              |              |              |            |              |              |              |            |            |            |            |            |               |
| Blake Elementary    | 22           | 35           | 23           | (89)       | 20           | (4)          | 38           | 11         | 21         | 14         | 12         | 4          | 109           |
| Fenn Elementary     | (11)         | 36           | (49)         | (168)      | (14)         | (25)         | (12)         | (10)       | 41         | (0)        | (4)        | (4)        | (220)         |
| Garfield Elementary | (34)         | (50)         | 31           | (166)      | 53           | (7)          | 6            | (16)       | (2)        | (1)        | (0)        | (0)        | (187)         |
| Heritage Elementary | (5)          | (17)         | (57)         | (99)       | (49)         | (43)         | (23)         | (5)        | 1          | 2          | 0          | 2          | (293)         |
| Medina High School  | 1,146        | 1,719        | 2,222        | 1,323      | 2,121        | 1,506        | 1,506        | 618        | 667        | 971        | 753        | 821        | 15,373        |
| Root Middle         | (17)         | (34)         | 10           | (135)      | 24           | (30)         | (10)         | 11         | 30         | (7)        | (8)        | 23         | (143)         |
| <b>Savings MCF</b>  | <b>1,100</b> | <b>1,689</b> | <b>2,179</b> | <b>667</b> | <b>2,155</b> | <b>1,398</b> | <b>1,505</b> | <b>609</b> | <b>758</b> | <b>979</b> | <b>753</b> | <b>846</b> | <b>14,637</b> |

### Natural Gas Savings or (Shortfall) \$

|                     | Oct-23         | Nov-23          | Dec-23          | Jan-24         | Feb-24          | Mar-24          | Apr-24          | May-24         | Jun-24         | Jul-24         | Aug-24         | Sep-24         | Total            |
|---------------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| <b>\$</b>           |                |                 |                 |                |                 |                 |                 |                |                |                |                |                |                  |
| Blake Elementary    | \$343          | \$382           | \$264           | (\$1,279)      | \$252           | (\$53)          | \$413           | \$128          | \$486          | \$328          | \$254          | \$54           | \$1,572          |
| Fenn Elementary     | (\$96)         | \$389           | (\$567)         | (\$2,396)      | (\$173)         | (\$343)         | (\$134)         | (\$114)        | \$613          | (\$2)          | (\$61)         | (\$62)         | (\$2,946)        |
| Garfield Elementary | (\$277)        | (\$517)         | \$317           | (\$2,350)      | \$624           | (\$98)          | \$65            | (\$171)        | (\$16)         | (\$26)         | (\$10)         | (\$7)          | (\$2,467)        |
| Heritage Elementary | (\$63)         | (\$186)         | (\$653)         | (\$1,432)      | (\$594)         | (\$579)         | (\$253)         | (\$129)        | \$85           | \$282          | \$0            | \$312          | (\$3,212)        |
| Medina High School  | \$9,473        | \$18,177        | \$25,542        | \$18,773       | \$25,557        | \$20,453        | \$16,025        | \$6,671        | \$6,282        | \$8,897        | \$7,968        | \$9,035        | \$172,855        |
| Root Middle         | (\$149)        | (\$362)         | \$113           | (\$1,924)      | \$290           | (\$409)         | (\$106)         | \$100          | \$419          | (\$129)        | (\$141)        | \$288          | (\$2,008)        |
| <b>Savings \$</b>   | <b>\$9,231</b> | <b>\$17,881</b> | <b>\$25,016</b> | <b>\$9,392</b> | <b>\$25,954</b> | <b>\$18,971</b> | <b>\$16,011</b> | <b>\$6,485</b> | <b>\$7,870</b> | <b>\$9,352</b> | <b>\$8,010</b> | <b>\$9,620</b> | <b>\$163,793</b> |

## **Appendix B – Lighting M&V Data**

## Lighting M & V Savings Summary

| Building                               | Area         | Projected Savings <sup>1</sup> |                  |              |                | Actual Savings <sup>2</sup> |                  |              |                | Excess or (Shortfall) |                  |             |                |               |
|--|--------------|--------------------------------|------------------|--------------|----------------|-----------------------------|------------------|--------------|----------------|-----------------------|------------------|-------------|----------------|---------------|
|  |              | Electricity                    |                  | Natural Gas  |                | Electricity                 |                  | Natural Gas  |                | Electricity           |                  | Natural Gas |                | %             |
|  |              | KWH                            | \$               | MCF          | \$             | KWH                         | \$               | MCF          | \$             | KWH                   | \$               | MCF         | \$             | \$            |
| Blake Elementary                       | Interior     | 77,496                         | 9,687            | (44)         | (232)          | 95,539                      | 11,942           | (51)         | (264)          | 18,043                | \$2,255          | (6)         | (\$32)         | 123.5%        |
|  | Exterior     | 15,200                         | 1,900            |              |                | 14,979                      | 1,872            |              |                | (221)                 | (\$28)           | 0           | \$0            | 98.5%         |
|  | <b>Total</b> | <b>92,696</b>                  | <b>\$11,587</b>  | <b>(44)</b>  | <b>(\$232)</b> | <b>110,518</b>              | <b>\$13,815</b>  | <b>(51)</b>  | <b>(\$264)</b> | <b>17,822</b>         | <b>\$2,228</b>   | <b>(6)</b>  | <b>(\$32)</b>  | <b>119.3%</b> |
| Board Office                           | Interior     | 18,525                         | 2,186            | (8)          | (53)           | 21,481                      | 2,535            | (11)         | (74)           | 2,955                 | \$349            | (3)         | (\$21)         | 115.4%        |
|  | Exterior     | 11,771                         | 1,389            |              |                | 10,177                      | 1,201            |              |                | (1,594)               | (\$188)          | 0           | \$0            | 86.5%         |
|  | <b>Total</b> | <b>30,297</b>                  | <b>\$3,575</b>   | <b>(8)</b>   | <b>(\$53)</b>  | <b>31,658</b>               | <b>\$3,736</b>   | <b>(11)</b>  | <b>(\$74)</b>  | <b>1,362</b>          | <b>\$161</b>     | <b>(3)</b>  | <b>(\$21)</b>  | <b>104.0%</b> |
| Bus Garage                             | Interior     | 16,305                         | 2,136            | (13)         | (91)           | 25,503                      | 3,341            | (14)         | (101)          | 9,197                 | \$1,205          | (1)         | (\$10)         | 158.4%        |
|  | Exterior     | 45,542                         | 5,966            |              |                | 32,630                      | 4,275            |              |                | (12,912)              | (\$1,691)        | 0           | \$0            | 71.6%         |
|  | <b>Total</b> | <b>61,847</b>                  | <b>\$8,102</b>   | <b>(13)</b>  | <b>(\$91)</b>  | <b>58,133</b>               | <b>\$7,615</b>   | <b>(14)</b>  | <b>(\$101)</b> | <b>(3,714)</b>        | <b>(\$487)</b>   | <b>(1)</b>  | <b>(\$10)</b>  | <b>93.8%</b>  |
| Claggett Middle School                 | Interior     | 108,348                        | 12,460           | (61)         | (430)          | 98,533                      | 11,331           | (52)         | (367)          | (9,815)               | (\$1,129)        | 9           | \$63           | 91.1%         |
|  | Exterior     | 6,357                          | 731              |              |                | 7,884                       | 907              |              |                | 1,527                 | \$176            | 0           | \$0            | 124.0%        |
|  | <b>Total</b> | <b>114,704</b>                 | <b>\$13,191</b>  | <b>(61)</b>  | <b>(\$430)</b> | <b>106,417</b>              | <b>\$12,238</b>  | <b>(52)</b>  | <b>(\$367)</b> | <b>(8,288)</b>        | <b>(\$953)</b>   | <b>9</b>    | <b>\$63</b>    | <b>93.0%</b>  |
| Ella Canavan Elementary                | Interior     | 54,744                         | 7,686            | (29)         | (204)          | 53,598                      | 7,525            | (28)         | (200)          | (1,146)               | (\$161)          | 1           | \$4            | 97.9%         |
|  | Exterior     | 12,863                         | 1,806            |              |                | 19,803                      | 2,780            |              |                | 6,940                 | \$974            | 0           | \$0            | 153.9%        |
|  | <b>Total</b> | <b>67,607</b>                  | <b>\$9,492</b>   | <b>(29)</b>  | <b>(\$204)</b> | <b>73,400</b>               | <b>\$10,305</b>  | <b>(28)</b>  | <b>(\$200)</b> | <b>5,794</b>          | <b>\$813</b>     | <b>1</b>    | <b>\$4</b>     | <b>108.8%</b> |
| Fenn Elementary                        | Interior     | 30,377                         | 3,463            | (16)         | (80)           | 30,177                      | 3,440            | (16)         | (78)           | (200)                 | (\$23)           | 1           | \$2            | 99.4%         |
|  | Exterior     | 5,482                          | 625              |              |                | 5,891                       | 672              |              |                | 408                   | \$47             | 0           | \$0            | 107.4%        |
|  | <b>Total</b> | <b>35,860</b>                  | <b>\$4,088</b>   | <b>(16)</b>  | <b>(\$80)</b>  | <b>36,067</b>               | <b>\$4,112</b>   | <b>(16)</b>  | <b>(\$78)</b>  | <b>208</b>            | <b>\$24</b>      | <b>1</b>    | <b>\$2</b>     | <b>100.7%</b> |
| Garfield Elementary                    | Interior     | 52,443                         | 6,031            | (28)         | (138)          | 55,741                      | 6,410            | (30)         | (144)          | 3,297                 | \$379            | (1)         | (\$6)          | 106.3%        |
|  | Exterior     | 2,478                          | 285              |              |                | 2,436                       | 280              |              |                | (43)                  | (\$5)            | 0           | \$0            | 98.3%         |
|  | <b>Total</b> | <b>54,922</b>                  | <b>\$6,316</b>   | <b>(28)</b>  | <b>(\$138)</b> | <b>58,176</b>               | <b>\$6,690</b>   | <b>(30)</b>  | <b>(\$144)</b> | <b>3,254</b>          | <b>\$374</b>     | <b>(1)</b>  | <b>(\$6)</b>   | <b>106.0%</b> |
| Heritage Elementary                    | Interior     | 59,316                         | 6,940            | (32)         | (225)          | 61,804                      | 7,231            | (33)         | (230)          | 2,488                 | \$291            | (1)         | (\$5)          | 104.3%        |
|  | Exterior     | 4,342                          | 508              |              |                | 4,076                       | 477              |              |                | (265)                 | (\$31)           | 0           | \$0            | 93.9%         |
|  | <b>Total</b> | <b>63,658</b>                  | <b>\$7,448</b>   | <b>(32)</b>  | <b>(\$225)</b> | <b>65,881</b>               | <b>\$7,708</b>   | <b>(33)</b>  | <b>(\$230)</b> | <b>2,222</b>          | <b>\$260</b>     | <b>(1)</b>  | <b>(\$5)</b>   | <b>103.5%</b> |
| Medina High School                     | Interior     | 341,596                        | 32,110           | (182)        | (762)          | 277,417                     | 26,077           | (147)        | (616)          | (64,179)              | (\$6,033)        | 35          | \$146          | 81.2%         |
|  | Exterior     | 263,989                        | 24,815           |              |                | 305,658                     | 28,722           |              |                | 41,569                | \$3,907          | 0           | \$0            | 115.7%        |
|  | <b>Total</b> | <b>605,585</b>                 | <b>\$56,925</b>  | <b>(182)</b> | <b>(\$762)</b> | <b>582,975</b>              | <b>\$54,800</b>  | <b>(147)</b> | <b>(\$616)</b> | <b>(22,610)</b>       | <b>(\$2,125)</b> | <b>35</b>   | <b>\$146</b>   | <b>96.5%</b>  |
| Recreation Center Pools and Fieldhouse | Interior     | 93,085                         | 8,750            | (50)         | (208)          | 163,635                     | 15,382           | (87)         | (363)          | 70,550                | \$6,632          | (37)        | (\$155)        | 175.8%        |
|  | Exterior     |                                |                  |              |                |                             |                  |              |                |                       |                  |             |                |               |
|  | <b>Total</b> | <b>93,085</b>                  | <b>\$8,750</b>   | <b>(50)</b>  | <b>(\$208)</b> | <b>163,635</b>              | <b>\$15,382</b>  | <b>(87)</b>  | <b>(\$363)</b> | <b>70,550</b>         | <b>\$6,632</b>   | <b>(37)</b> | <b>(\$155)</b> | <b>175.8%</b> |
| H.S. Hallway Downlights                | Interior     | 83,851                         | 7,882            | (45)         | (187)          | 69,738                      | 6,555            | (37)         | (155)          | (14,113)              | (\$1,327)        | 8           | \$32           | 83.2%         |
|  | Exterior     |                                |                  |              |                |                             |                  |              |                |                       |                  |             |                |               |
|  | <b>Total</b> | <b>83,851</b>                  | <b>\$7,882</b>   | <b>(45)</b>  | <b>(\$187)</b> | <b>69,738</b>               | <b>\$6,555</b>   | <b>(37)</b>  | <b>(\$155)</b> | <b>(14,113)</b>       | <b>(\$1,327)</b> | <b>8</b>    | <b>\$32</b>    | <b>83.2%</b>  |
| Maintenance Shop                       | Interior     | 16,110                         | 1,756            | (10)         | (71)           | 14,958                      | 1,630            | (8)          | (56)           | (1,152)               | (\$126)          | 2           | \$15           | 93.4%         |
|  | Exterior     | 2,220                          | 242              |              |                | 1,499                       | 163              |              |                | (721)                 | (\$79)           | 0           | \$0            | 67.5%         |
|  | <b>Total</b> | <b>18,330</b>                  | <b>\$1,998</b>   | <b>(10)</b>  | <b>(\$71)</b>  | <b>16,458</b>               | <b>\$1,794</b>   | <b>(8)</b>   | <b>(\$56)</b>  | <b>(1,873)</b>        | <b>(\$204)</b>   | <b>2</b>    | <b>\$15</b>    | <b>90.2%</b>  |
| Northrop Elementary                    | Interior     | 69,411                         | 10,134           | (38)         | (244)          | 80,294                      | 11,723           | (43)         | (276)          | 10,883                | \$1,589          | (5)         | (\$32)         | 115.7%        |
|  | Exterior     | 31,986                         | 4,670            |              |                | 35,350                      | 5,161            |              |                | 3,363                 | \$491            | 0           | \$0            | 110.5%        |
|  | <b>Total</b> | <b>101,397</b>                 | <b>\$14,804</b>  | <b>(38)</b>  | <b>(\$244)</b> | <b>115,643</b>              | <b>\$16,884</b>  | <b>(43)</b>  | <b>(\$276)</b> | <b>14,246</b>         | <b>\$2,080</b>   | <b>(5)</b>  | <b>(\$32)</b>  | <b>114.1%</b> |
| Root Middle School                     | Interior     | 148,977                        | 19,814           | (82)         | (398)          | 147,811                     | 19,659           | (78)         | (381)          | (1,166)               | (\$155)          | 3           | \$17           | 99.3%         |
|  | Exterior     | 36,677                         | 4,878            |              |                | 36,626                      | 4,871            |              |                | (51)                  | (\$7)            | 0           | \$0            | 99.9%         |
|  | <b>Total</b> | <b>185,654</b>                 | <b>\$24,692</b>  | <b>(82)</b>  | <b>(\$398)</b> | <b>184,437</b>              | <b>\$24,530</b>  | <b>(78)</b>  | <b>(\$381)</b> | <b>(1,217)</b>        | <b>(\$162)</b>   | <b>3</b>    | <b>\$17</b>    | <b>99.4%</b>  |
| Waite Elementary                       | Interior     | 68,939                         | 10,134           | (38)         | (244)          | 69,040                      | 10,149           | (37)         | (238)          | 101                   | \$15             | 1           | \$6            | 100.2%        |
|  | Exterior     | 32,027                         | 4,708            |              |                | 36,138                      | 5,312            |              |                | 4,110                 | \$604            | 0           | \$0            | 112.8%        |
|  | <b>Total</b> | <b>100,966</b>                 | <b>\$14,842</b>  | <b>(38)</b>  | <b>(\$244)</b> | <b>105,178</b>              | <b>\$15,461</b>  | <b>(37)</b>  | <b>(\$238)</b> | <b>\$619</b>          | <b>\$15</b>      | <b>1</b>    | <b>\$6</b>     | <b>104.3%</b> |
| Added Exterior Lighting Scope          | Interior     |                                |                  |              |                | 31,114                      | \$2,909          |              |                | 31,114                | \$2,909          |             |                |               |
|  | Exterior     |                                |                  |              |                |                             |                  |              |                |                       |                  |             |                |               |
|  | <b>Total</b> | <b>0</b>                       | <b>\$0</b>       | <b>0</b>     | <b>\$0</b>     | <b>31,114</b>               | <b>\$2,909</b>   | <b>0</b>     | <b>\$0</b>     | <b>31,114</b>         | <b>\$2,909</b>   |             |                |               |
| All Buildings                          | TOTAL        | Projected Savings <sup>1</sup> |                  |              |                | Actual Savings <sup>2</sup> |                  |              |                | Excess or (Shortfall) |                  |             |                |               |
|  |              | Electricity                    |                  | Natural Gas  |                | Electricity                 |                  | Natural Gas  |                | Electricity           |                  | Natural Gas |                |               |
|  |              | KWH                            | \$               | MCF          | \$             | KWH                         | \$               | MCF          | \$             | KWH                   | \$               | MCF         | \$             | \$            |
| <b>All Buildings</b>                   | <b>TOTAL</b> | <b>1,710,460</b>               | <b>\$193,692</b> | <b>-676</b>  | <b>-3,567</b>  | <b>1,809,428</b>            | <b>\$204,534</b> | <b>-671</b>  | <b>-3,543</b>  | <b>98,968</b>         | <b>\$10,842</b>  | <b>4</b>    | <b>\$24</b>    | <b>105.7%</b> |