energy saving

Overall Energy Program Numbers

- Cost Avoidance / Energy Savings (Program to date)
  - Over $3 million = 15.2% ($ 3,139,024 as of end of February)
  - Usage reduction of 131,437,390 KBTU = 11.6%
- Other Savings = $80,996

$**Overall Program Savings over 3.1 Million Dollars to date!**

Energy STAR Scores

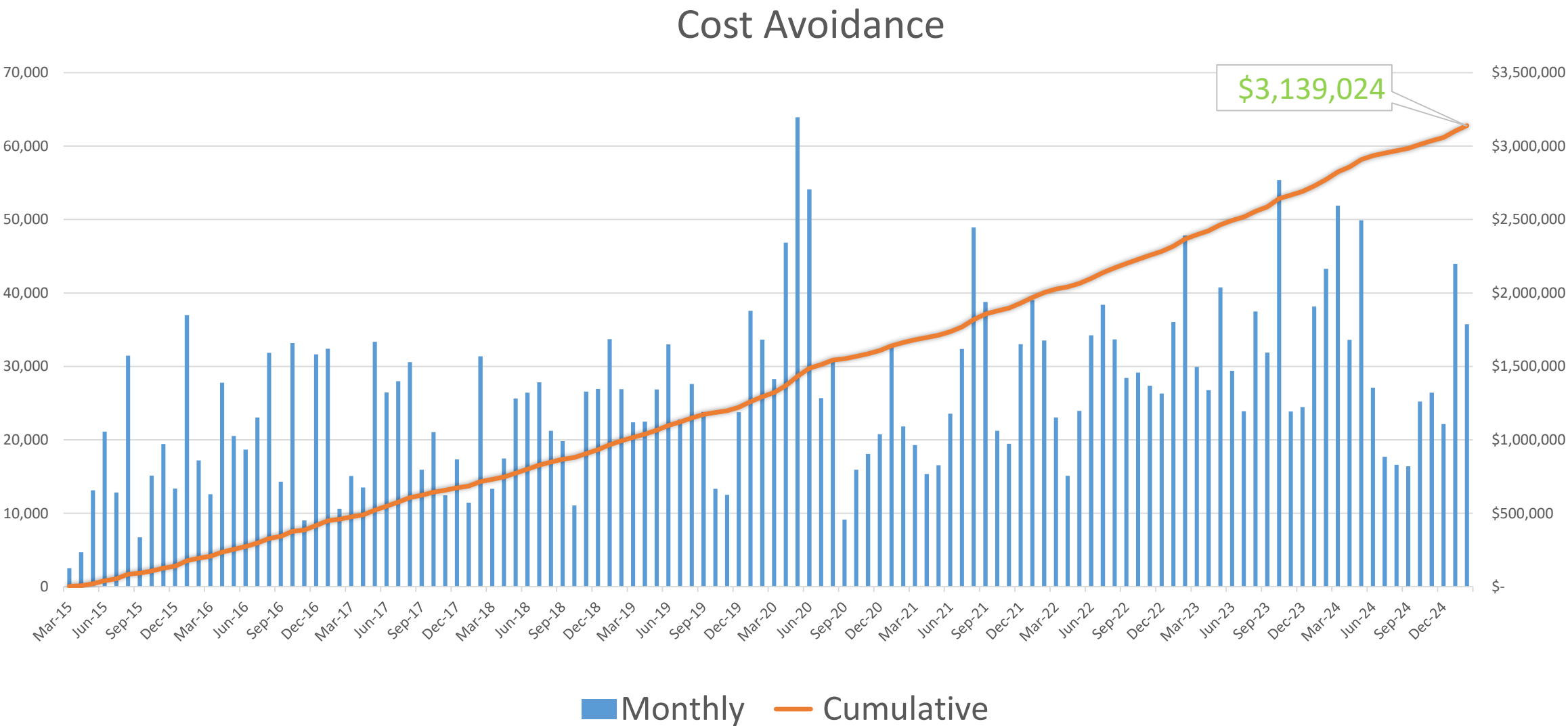| Property Name	ENERGY STAR Score	Property Name	ENERGY STAR Score
Bear River High	85	Harris Intermediate	89
Bear River Middle	93	Lake View Elementary	86
Box Elder High	78	McKinley Elementary	87
Box Elder Middle	89	North Park Elementary	83
Century Elementary	83	Park Valley Elementary	99
Discovery Elementary	76	Snowville Elementary	93
Fielding Elementary	87	Sunrise High School	88
Garland Elementary	94	Three Mile Creek	96
Golden Spike Elementary	99	Willard Elementary	79
Grouse Creek School	28	Young Intermediate	85

Johnson Controls Project

- Lighting Retrofits with LED's (9 schools)
  - Finishing up next week. 7 buildings complete
  - 2 additional may be added
- Building Controls Upgrade (2 schools)
  - McKinley & Bear River High – Design in review - will work in summer
- Water Conservation (15 schools)
  - Replaced aerators, urinal valves with low flow
  - Replaced a handful of high flow toilets
- Building Envelope (17 schools)
  - Replaced/added weather stripping on exterior doors
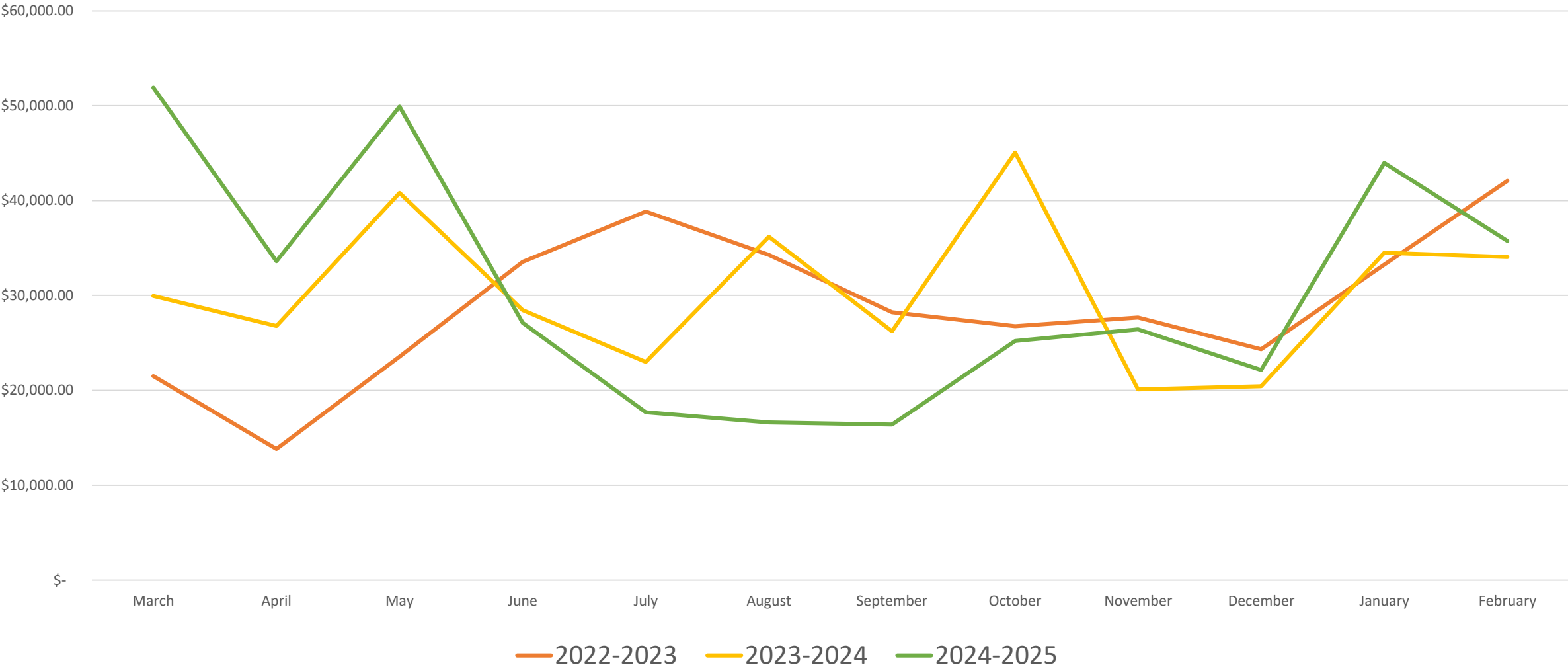 - Roof/wall connection sealed with spray foam
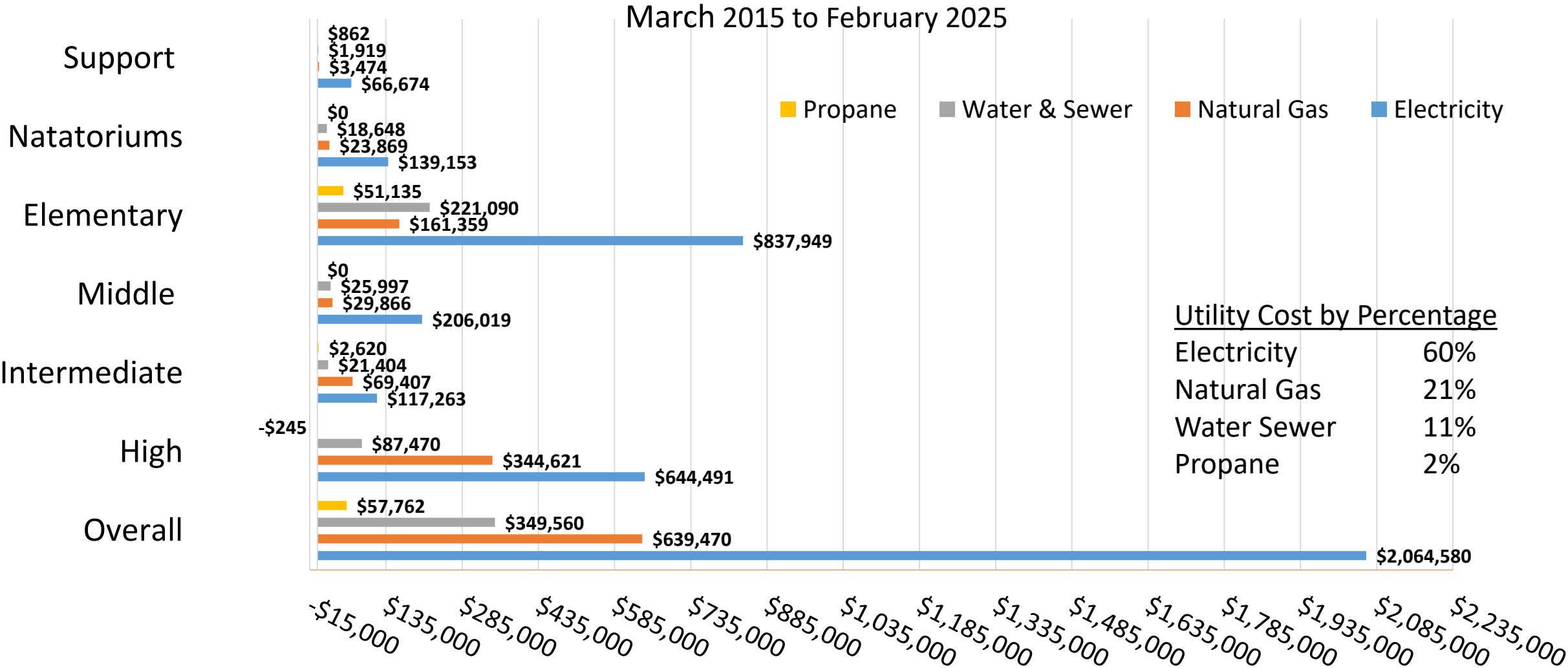
Cost Avoidance Trend – Mar 2022 to Feb 2025

Cost Avoidance by Utility - Schools

March 2015 to February 2025

Utility Cost by Percentage

Utility	Percentage
Electricity	60%
Natural Gas	21%
Water Sewer	11%
Propane	2%

Legend: Propane, Water & Sewer, Natural Gas, Electricity

Support
- $862
- $1,919
- $3,474
- $66,674

Natatoriums
- $0
- $18,648
- $23,869
- $139,153

Elementary
- $51,135
- $221,090
- $161,359
- $837,949

Middle
- $0
- $25,997
- $29,866
- $206,019

Intermediate
- $2,620
- $21,404
- $69,407
- $117,263

High
- -$245
- $87,470
- $344,621
- $644,491

Overall
- $57,762
- $349,560
- $639,470
- $2,064,580

Environmental Impact to Date

Our energy savings equal to decreased CO_2 emissions by 15,880 metric tons.

This is equivalent to the following:

Greenhouse gas emissions from **3,704** gasoline-powered passenger vehicles driven for one year

Or

Greenhouse gas emissions from **14,024** gasoline-powered passenger vehicles driven for one year

Or

Greenhouse gas emissions avoided by **4.7** wind turbines running for a year

Or

CO_2 emissions from **729,512** propane cylinders used for home BBQs