PUYALLUP SCHOOL DISTRICT
A Tradition of Excellence

AEM Progress Report – January 2026

SAVINGS SNAPSHOT

As Energy Conservation Measures are implemented, utility data will be collected and analyzed to determine Energy Savings. In the coming months those calculations will be able to be completed and tracked, as more ECMs are implemented the associated savings will continue to increase.

ELECTRIC SAVINGS:

1,474,507 (kWh

SAVINGS OF APPROXIMATELY 5.3%

NATURAL GAS SAVINGS:

53,395 (THERMS)

SAVINGS OF APPROXIMATELY 9.1%

ESTIMATED COST AVOIDANCE

$294,783

*Cost avoidance calculations are not based on weather normalized data and assume energy consumption would have been the same year over year if no energy conservation measures had occurred.

The Puyallup School District's Active Energy Management (AEM) Program is working to maximize efficiency and utility cost savings for energy and water through low and no-cost opportunities. This report will share utility use data as it becomes available. As of November 2025, when the quarterly snap shot was written, October utility data was still incomplete in Reveal.

This report covers the calendar months July, August, and September 2025.

PROGRAM HIGHLIGHTS JULY- AUGUST 2025

Highlight 1

Program highlights that occurred during the months of July, August, and September 2025:

Puyallup School District Facilities Team has been making significant progress addressing Energy Conservation Measures (ECMs) that McKinstry has identified through Reveal Analytics and site investigations.

- 37 new Construction issues identified and recorded in CxAlloy from July through September using Reveal and BMS platform as well as on site work
- 12 issues identified in CxAlloy have been closed.

Highlight 2

All the issues were transferred from Smartsheet to CX alloy, and their statues were updated accordingly.

Highlight 3

(8) schools reflected an artificial spike in EUI through Energy Star Portfolio Manager in July. The McKinstry Team identified a PSE rebill across multiple sites and collaborated with Puget Sound Energy to correct the energy data reported. All Energy Star Portfolio Manager school profiles have been reviewed for accuracy and are current on available data.

Highlight 4

Some of the major issues identified during the time period of July through September:

Roger HS: (2) Dehumidification unit issues at the pool were identified during the summer month, including compressors failure, and other deficiencies. Fan coils were rebuilt, new controls were installed, and the hydronic loop was refilled. The system will be integrated into the existing Metasys front end.

Puyallup HS: (2) Dehumidification unit issues at the pool were identified during the summer month

All schools: Chiller issues were identified on nearly all chillers. McKinstry completed multiple repairs, and preventive maintenance activities were performed on all units.

ESC: McKinstry was hired to install new controls including thermostats, connection of (6) rooftop units, trend setup, and damper control based on zone temperature. Additionally, airflow issues were identified. McKinstry TAB team was involved to

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identify what the issue was, and McKinstry's TAB team performed airflow measurements in the affected spaces, identifying both high and low airflow conditions.

Some of the above identified issues have been resolved. Updates on these issues will be included in the upcoming quarterly report.

UPCOMING AREAS OF FOCUS

- CX engineer (Jameel Zaki) will be assigned from McKinstry to review identified issues on site and resolve those issues where applicable.
- McKinstry will continue to identify and address ongoing issues for the school district based on the priority list previously developed by McKinstry.

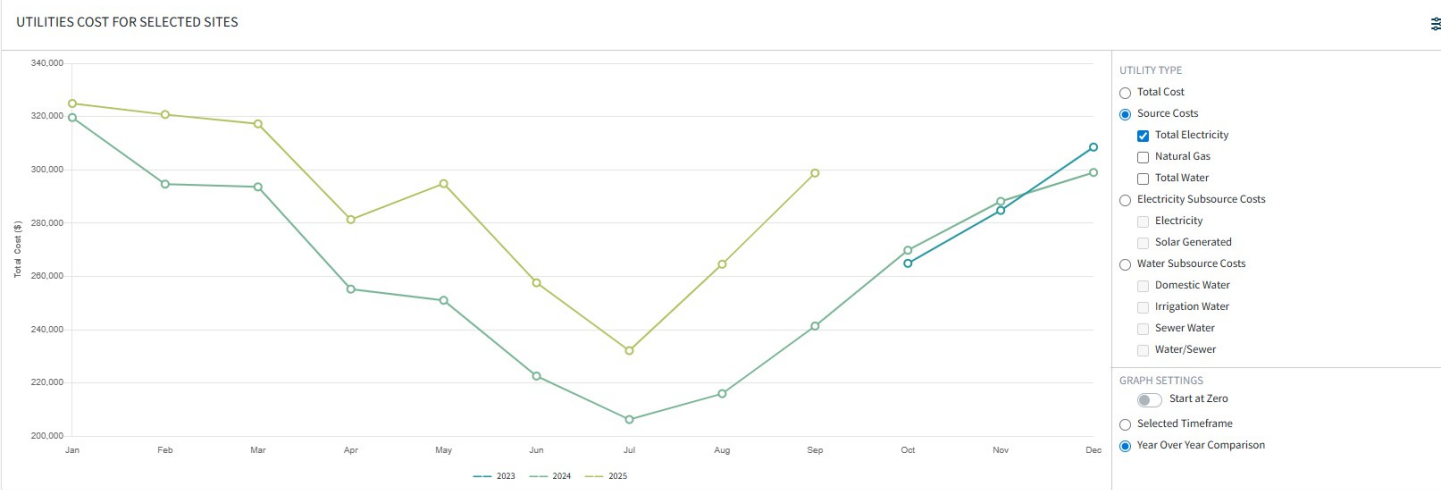
YEAR OVER YEAR ENERGY COST COMPARISON (ELECTRIC AND NATURAL GAS)

- Electricity consumption (kWh) decreased from July through August; however, increased slightly in September of 2025 compared to September of 2024. It's likely due to ongoing changes in the school district.
- Electricity cost significantly increased from July to September of 2025 compared to last year. The rising cost per unit of energy contributed to the total energy cost increase for that period of time.
- Natural gas consumption (therms) slightly decreased from July through August; however, increased slightly in September of 2025 compared to September of 2024. It's likely due to ongoing changes in the school district.
- Natural gas costs increased slightly from July to September of 2025 compared to last year. The rising cost per unit of energy contributed to the total energy cost increase for that period of time.

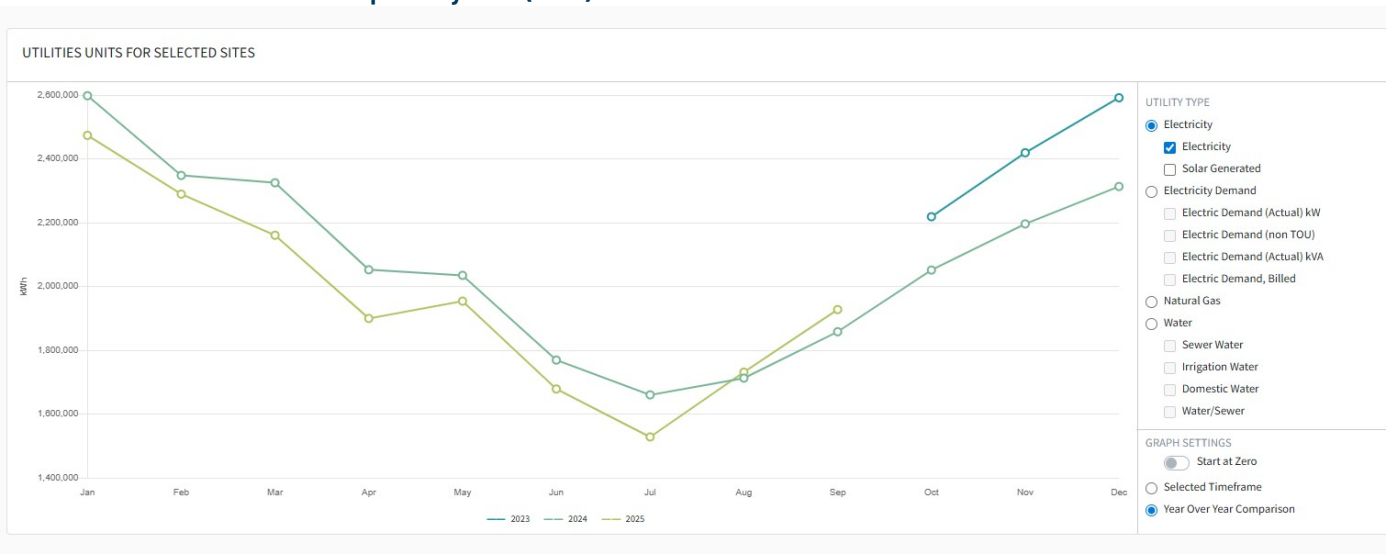
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Year Over Year Electricity Cost by Month at All Schools 10/2023 -09/2025



Year Over Year Electric Consumption by Unit (kWh) at All Schools 10/2023 -09/2025

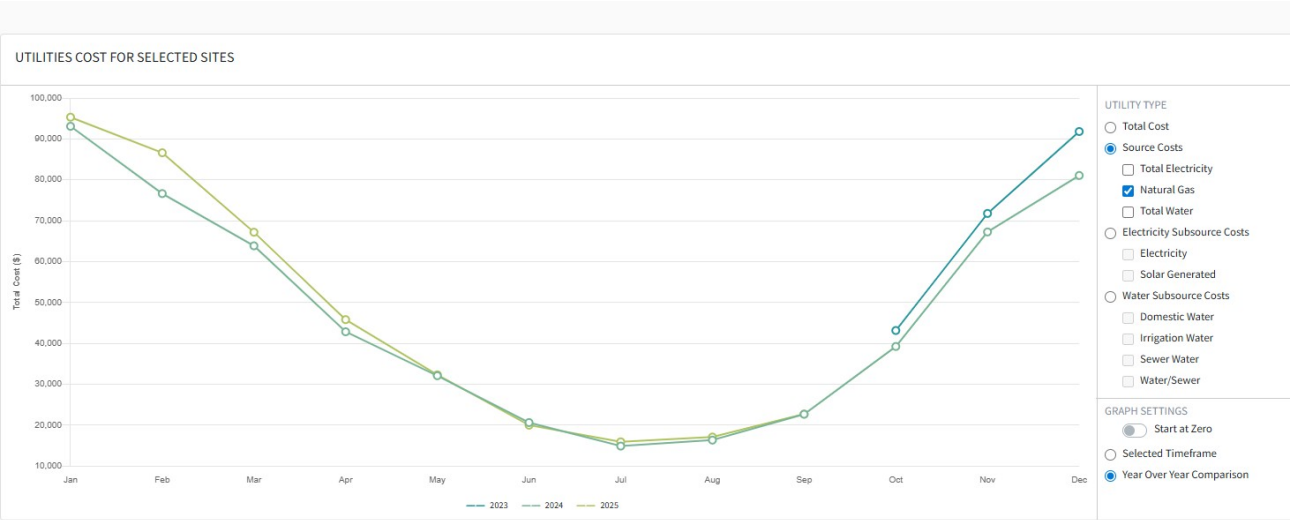


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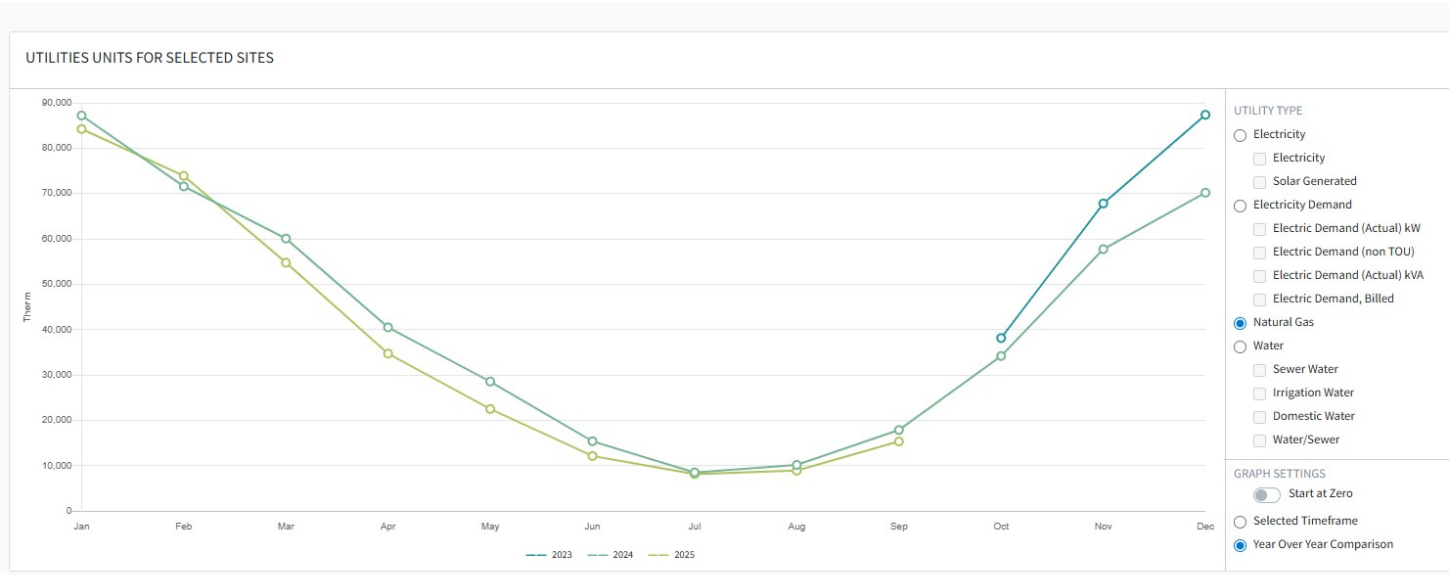
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Year Over Year Total Natural Gas Cost by Month at All Schools 10/2023 -09/2025



Year Over Year Natural Gas Consumption by Unit (therms) at All Schools 10/2023 -09/2025



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