



Mercer Island School District

Energy Conservation Report

Fiscal Years 2021 – 2025

Through our district-wide energy conservation efforts, we avoided spending **\$508,045** since 2021 — money that stays in our classrooms and supports our students.

Total electricity use decreased by **20%** and natural gas use decreased by **56.6%** from 2021 to 2025 — even as utility rates continued to rise.

Compared to our 2021 baseline, we avoided approximately **3,002,924 kWh** of electricity and **559,414 therms** of natural gas over five years.

At a Glance

Total avoided costs \$508,045 Over three years of savings	Electricity reduction 20% 2021 → 2025 district-wide	Natural gas reduction 56.6% 2021 → 2025 district-wide
Baseline year 2021 Reference for all comparisons	Electricity avoided ~3,003 kWh vs. 2021 baseline	Natural gas avoided ~559k therms vs. 2021 baseline

Our Impact

Over the past several years, Mercer Island School District has reduced energy consumption through improved building operations, conservation practices, and efficiency efforts. These actions helped reduce the impact of rising utility rates and allowed the district to avoid significant additional costs.



How We Are Saving Energy

- Optimizing heating and cooling schedules
- Monitoring building energy performance
- Adjusting building operations based on usage data
- Reducing unnecessary energy consumption
- Supporting energy awareness among staff and students
- Investing in efficient building systems and equipment

Annual Energy Use Trends

District-wide electricity and natural gas consumption across all buildings, using 2021 as our post-COVID baseline.

Year	Electricity Use (kWh)	Change vs. 2021	Natural Gas Use (therms)	Change vs. 2021
2021	5,080,335	Baseline	326,277	Baseline
2022	4,864,064	-4.25%	283,906	13%
2023	4,117,100	-18.9%	163,787	-50%
2024	4,275,451	-15.8%	156,465	-52%
2025	4,061,801	-20%	141,536	-56.6%

Estimated Avoided Costs by Year

Avoided costs represent the savings achieved by reducing usage compared to the prior year. Even as utility rates increased, our conservation efforts prevented these additional expenses.

Period	Total Avoided
2021-22	\$101,607
2022-23	\$339,449
2023-24	\$11,058
2024-25	\$55,931



Period	Total Avoided
Total	\$508,045

What This Means for Our Community

Energy conservation is one of the most direct ways our district can steward public funds. The \$508,045 in avoided utility costs since 2021 represents real resources redirected toward student learning — without requiring additional budget cuts or levy increases.

This progress is the result of ongoing work across all MISD buildings: optimizing heating and cooling schedules, monitoring building energy performance, and supporting energy awareness among staff and students. We remain committed to reducing our environmental footprint while keeping costs in check for our community.

We will continue to share annual updates as our conservation work progresses. Thank you for your continued support of Mercer Island School District.