

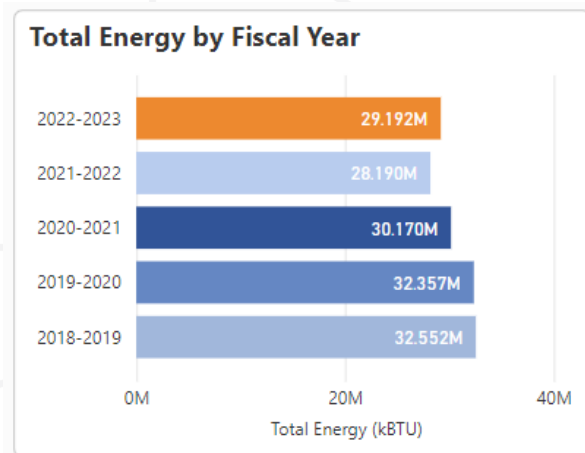
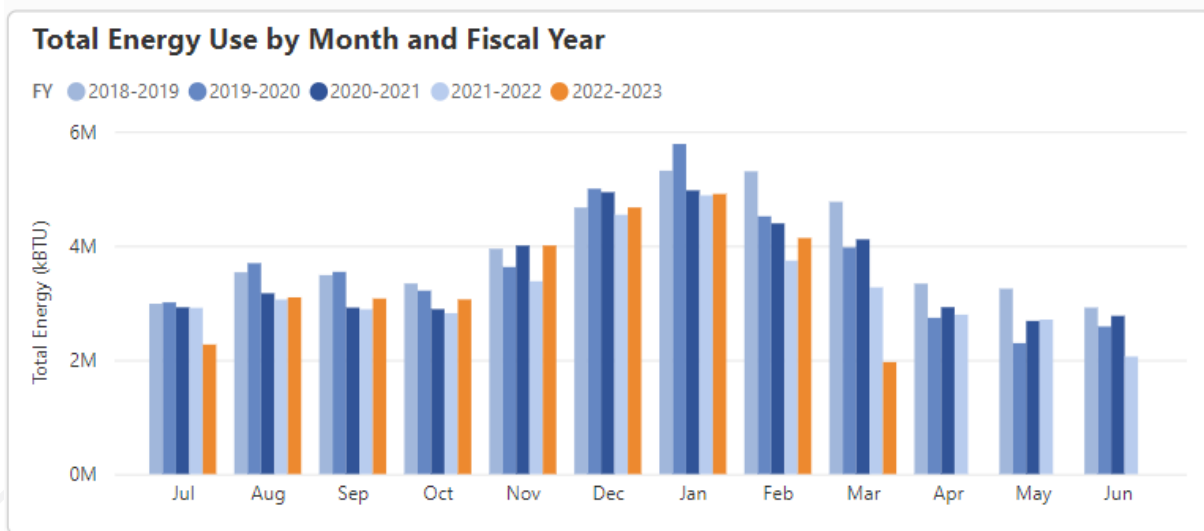


Marysville JUSD Energy Manager Update April 2023

SitelogIQ is pleased to provide the April 2023 energy summary for the Marysville Joint Unified School District Energy Services Agreement. This 2022/2023 summary will report on the academic year's data through the end of February 2023.

Energy Savings:

Through February of 2023, MJUSD is using 10.3% less energy than compared to the baseline school year (2018-2019). Additionally, MJUSD is purchasing 19.9% less electricity than compared to the baseline school year.



Cost Savings:

Through February of 2023, MJUSD total electric costs have increased 12.3% (\$171,162) compared to the baseline school year (2018-2019), and total natural gas costs have increased by 73.2% (\$107,332) compared to the baseline.

Because of the continued rise of energy costs, SiteLogIQ also calculates avoided costs. SiteLogIQ defines avoided cost as the difference between the adjusted baseline energy cost and the current energy cost. To calculate adjusted baseline energy cost, SiteLogIQ multiplies the baseline total energy by the current energy rates. This value is showing what the district would have spent on energy if MJUSD was still using the same amount of energy as during the baseline year but with the increased utility rates from the current year. The estimated avoided costs for the current academic year can be seen below:

Utility Type	Estimated 2022/2023 Avoided Costs
Electric	\$241,040
Natural Gas	\$14,660
Total	\$255,700

Solar PV Production:

In the month of February, six sites were producing and reporting electricity. The six sites combined for an estimated \$14,675 of electricity. Additional arrays at Kynoch ES, Edgewater ES, Marysville HS, Olivehurst ES, Yuba Gardens IS, and Lindhurst HS are producing electricity, but the reporting system is still being calibrated. Monthly reporting for these sites will begin once all communication equipment is online and calibrated.

Site	Production	February Estimated Cost Savings
Browns Valley	4,807 kWh	\$1,470
Cordua Elementary	4,794 kWh	\$1,466
Ella Elementary	16,514 kWh	\$3,043
Johnson Park Elementary	16,619 kWh	\$3,063
Linda Elementary	20,079 kWh	\$3,700
McKenney Intermediate	10,492 kWh	\$1,933