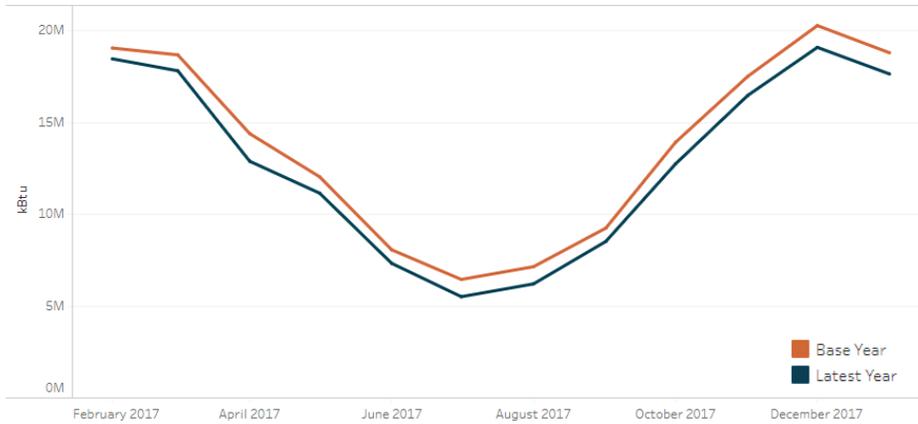


Energy Use v Baseline



Even with a colder than typical winter, weather normalization allows the RCM program to show how impactful energy savings efforts have been even when bills are higher than usual.

Highline Public Schools

APRIL RESOURCE CONSERVATION MANAGEMENT REPORT

Highline Public Schools is working to maximizing energy efficiency and utility cost across all schools. In 2015, McKinstry began providing additional support for the RCM program, and has been helping identify and implement changes that are building on years of efficiency efforts.

PROGRAM HIGHLIGHTS

1. January cost avoidance of over \$29,000.
2. Discovered gas meter issue at Cascade Middle School and worked with PSE to resolve issue. Issue results in skewed energy savings percentage for gas and overall energy.
3. Electric savings improves 1% to 12%. Natural Gas savings is still positive, but declined to only 2%.
4. Recommendations for improvement being tracked in SchoolDude are getting completed or being addressed.

MONTHLY PRIORITIES

These projects are a summary of current RCM program priorities.

- Set up for water tracking
- Energy policy approval
- Regain connectivity to controls platform
- Plan for Summer shutdown and activities

With a long history of energy efficiency, water conservation and waste reduction efforts, Highline has achieved significant savings. Since the reinvigoration of the RCM program in 2015, the district is building on these past achievements. Through regular monitoring of the district's energy use and identification of new opportunities since September 2015, the district has saved:



ENERGY
7%



ENERGY
\$573,269

Energy emissions savings equivalent to:



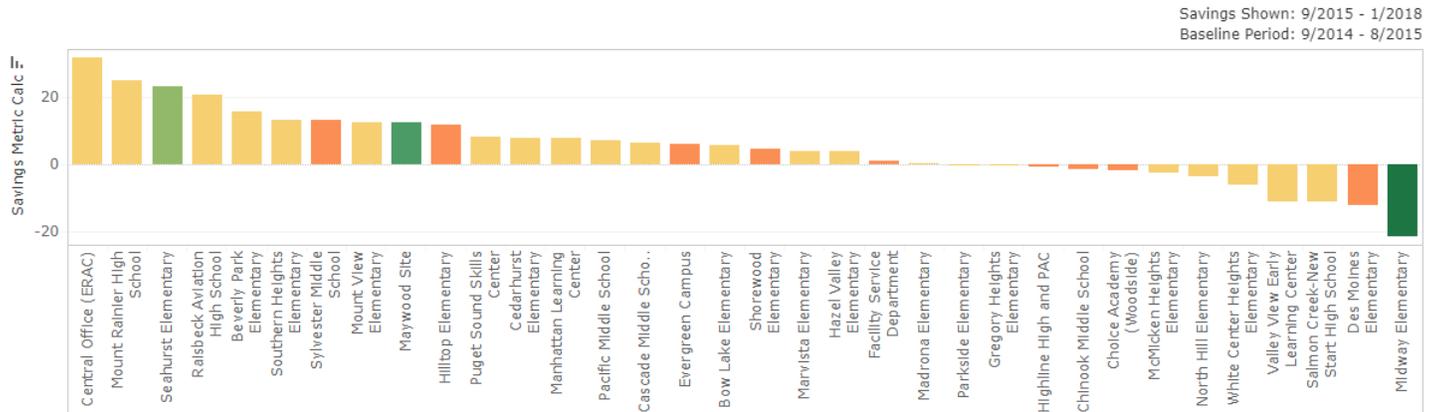
SINGLE-FAMILY HOMES POWERED
317

Data through January 2018 as compared to baseline of the 14-15 academic year

OVERALL DISTRICT PERFORMANCE

The following metric shows district performance % total energy savings by facility. This helps illustrate the trends each facility is seeing compared to prior month. The sliding colors scale indicates this degree of change, green is a positive change, while red is a negative change.

Highline Public Schools: Building Ranking

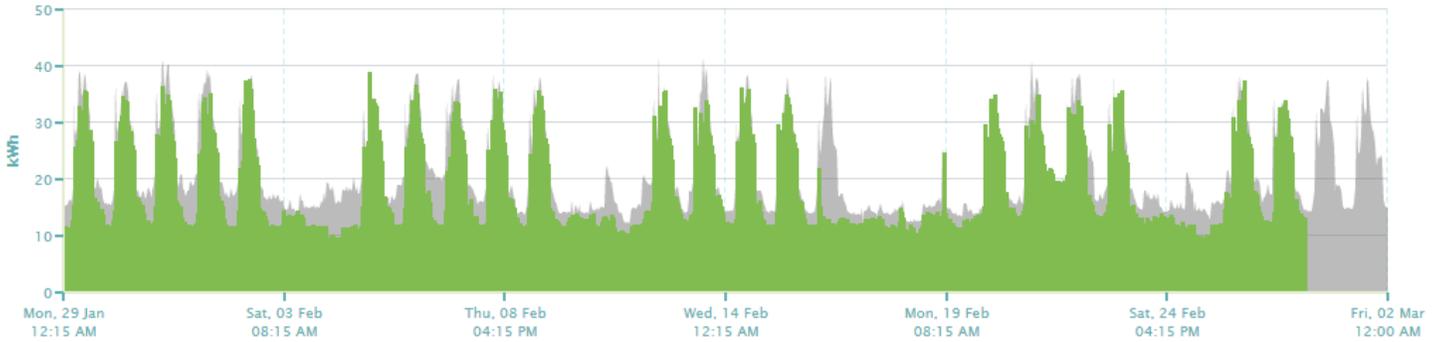


CURRENT MONTH VS. PRIOR MONTH

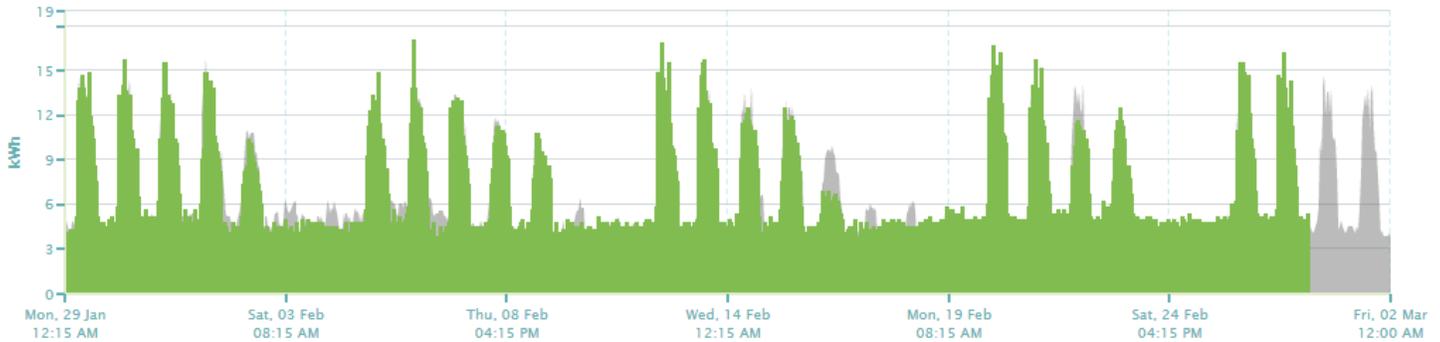
The table below shows Highline's top 5 and bottom 5 performing schools based on total combined % energy saved. These rankings change monthly, so the prior month (grey) serves as reference to see how schools change in performance. The full list is available on the Dashboard.

	FACILITY	ENERGY COST AVOIDANCE %	ENERGY COST AVOIDANCE \$	COMMENTS ON CURRENT MONTH	PRIOR MONTH RANKING	
TOP 5 SCHOOLS	Central Office (ERAC)	31.90%	\$4,103	Continued small improvements in electric and gas usage	Central Office (ERAC)	31.09%
	Mount Rainier High School	25.25%	\$7,540	Electric savings continues to improve, while gas maintains steady	Mount Rainier High School	26.48%
	Seahurst Elementary	23.48%	\$3,310	Major improvements to Winter gas use are about half of baseline for Jan-2018	Seahurst Elementary	22.34%
	Raisbeck Aviation High School	20.84%	\$1,646	Both gas and electric savings continue to improve	Raisbeck Aviation High School	20.47%
	Beverly Park Elementary	15.72%	\$2,105	Electric savings continue to grow	Beverly Park Elementary	16.19%
BOTTOM 5 SCHOOLS	White Center Heights Elementary	-6.21%	-\$1,047	Electric and gas use for Jan-2018 are higher than baseline and trending negative savings from Dec-2017	White Center Heights Elementary	-6.49%
	Valley View Early Learning Center	-11.22%	-\$378	Small improvement from Dec-17 to Jan-18. Overall negative impacts from Mar-16 ops changes	Des Moines Elementary	-8.62%
	Salmon Creek-New Start High School	-11.29%	-\$271	Maintaining at negative savings compared to baseline due to ops changes in Sep-15.	Salmon Creek-New Start	-10.63%
	Des Moines Elementary	-12.33%	-\$542	Gas use had major increase while electric use decreased starting Sep-17. Investigate gas use.	Valley View Early Learning Center	-11.31%
	Midway Elementary	-21.42%	-\$210	Continuing to improve related to gas. Dec-17 and Jan-18 gas usage is less than half of previous year.	Midway Elementary	-30.47%

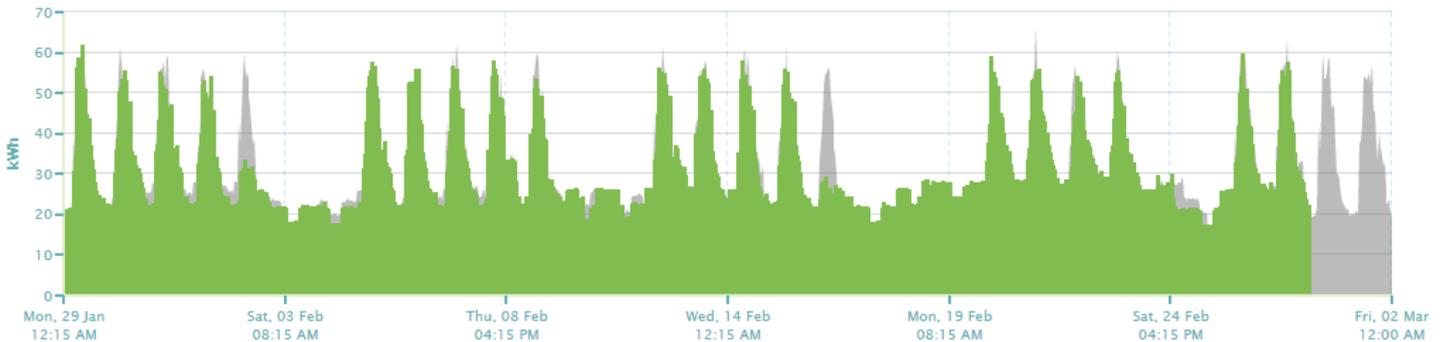
MIDWAY ES – Z007839059



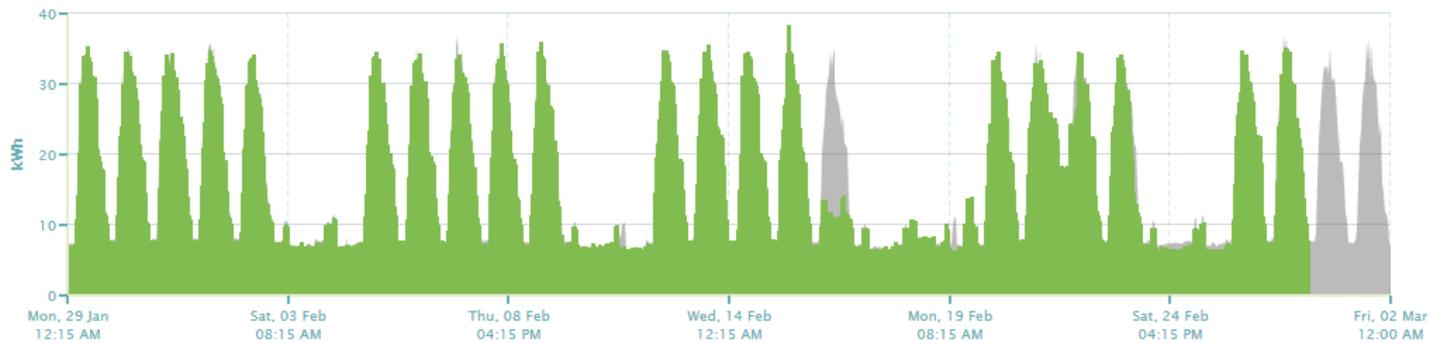
VALLEY VIEW ELC – Z002780936



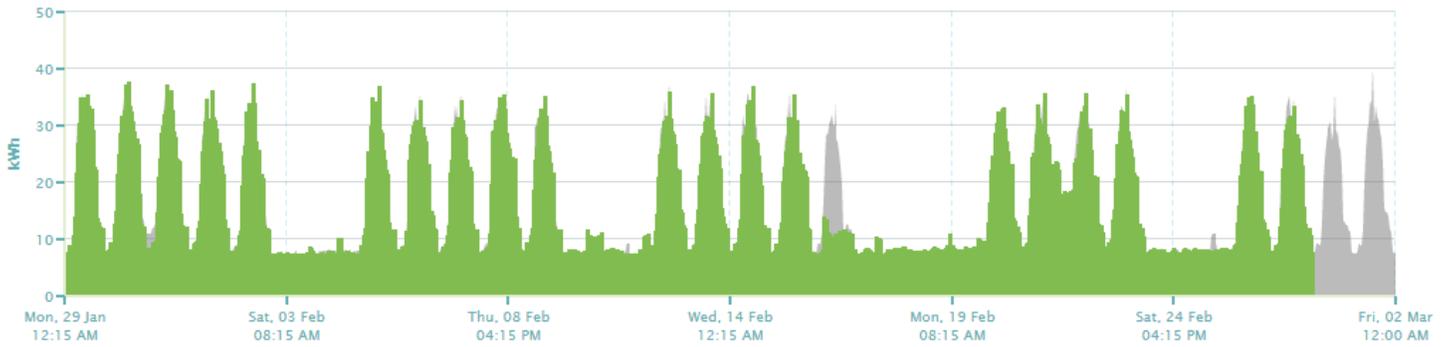
TYEE CAMPUS – Z004089250



NORTH HILL ES – Z004537393



MCKMICKEN ES – Z007446433



RESULT OF COMPLETED WORKORDER TO TAKE SHOREWOOD'S VAH-03 OFF MANUAL 24/7 COMMAND!

		DateTime / Minute Group																								
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
04-Feb-18	Wednesday	[Orange]																								
	Thursday	[Orange]																								
	Friday	[Orange]																								
	Saturday	[Orange]																								
11-Feb-18	Sunday	[Orange]																								
	Monday	[Orange]																								
	Tuesday	[Orange]																								
	Wednesday	[Orange]														[Dark Blue]	[Orange]									
	Thursday	[Orange]																								
18-Feb-18	Friday	[Orange]									[Dark Blue]	[Dark Blue]										[Dark Blue]	[Dark Blue]			
	Saturday	[Dark Blue]																								
	Monday	[Dark Blue]																								
	Tuesday	[Dark Blue]														[Orange]	[Orange]									
25-Feb-18	Wednesday	[Orange]								[Dark Blue]	[Dark Blue]										[Dark Blue]	[Dark Blue]				
	Thursday	[Dark Blue]																								
	Friday	[Dark Blue]							[Orange]	[Orange]										[Dark Blue]	[Dark Blue]					
	Saturday	[Dark Blue]																								
	Sunday	[Dark Blue]																								
	Tuesday	[Dark Blue]								[Orange]	[Orange]										[Dark Blue]	[Dark Blue]				