

2023-2024 ANNUAL ENERGY REPORT

Buildings & Grounds

Factors Affecting Energy Usage



Weather



Facility Use



Building Envelope



Age of Equipment



Changes in Square
Footage



Changes in Building
Occupancy



Consumer Energy
Habits



Appliances and
Electronics

WEATHER DATA

Heating & Cooling Degree Day Comparisons															
Year	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
Month	Heating	Cooling	Total	Heating	Cooling	Total	Heating	Cooling	Total	Heating	Cooling	Total	Heating	Cooling	Total
July	0	319	319	0	370	370	3	274	277	0	285	285	0	288	288
August	2	211	213	3	270	273	0	332	332	0	260	260	6	257	263
September	22	67	89	100	19	119	15	51	66	89	78	167	26	130	156
October	467	9	476	498	1	499	203	27	230	379	7	386	329	42	371
November	918	0	918	550	5	555	742	0	742	656	0	656	674	0	674
December	970	0	970	1021	0	1021	910	0	910	1080	0	1080	783	0	783
January	1072	0	1072	1141	0	1141	1372	0	1372	1019	0	1019	1145	0	1145
February	1071	0	1071	1258	0	1258	1082	0	1082	926	0	926	814	0	814
March	782	0	782	721	0	721	861	0	861	888	0	888	743	0	743
April	622	0	622	477	5	482	584	0	584	477	18	495	455	0	455
May	337	35	372	258	64	322	222	71	293	237	18	255	154	12	166
June	36	188	224	3	234	237	34	188	222	44	122	166	22	190	212
Totals	6299	829	7128	6030	968	6998	6028	943	6971	5795	788	6583	5151	919	6070

Degree days are based on the assumption that when the outside temperature is 65°F, we don't need heating or cooling to be comfortable. Degree days are the difference between the daily temperature mean, (high temperature plus low temperature divided by two) and 65°F. If the temperature mean is above 65°F, we subtract 65 from the mean and the result is **Cooling Degree Days**. If the temperature mean is below 65°F, we subtract the mean from 65 and the result is **Heating Degree Days**.

FACILITY REQUESTS (IN HOURS)

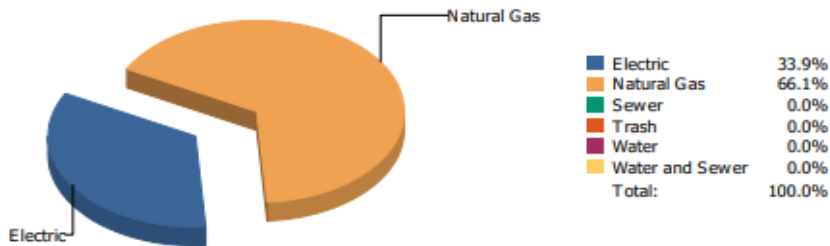
Site	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Oconomowoc High School Main Campus	18,754	12,033	11,676	13,927	13,838	15,864
Oconomowoc High School OAC	8,291	5,382	5,022	5,832	7,464	10,667
Oconomowoc High School East Campus	287	211	229	130	440	1,714
Nature Hill Intermediate School	4,498	3,950	4,557	5,034	4,626	5,647
Silver Lake Intermediate School	4,613	2,184	3,260	2,637	2,997	3,239
Meadow View Elementary School	3,008	2,670	4,188	3,339	2,585	2,444
Ixonia Elementary School	957	846	800	636	1,092	1,235
Summit Elementary School	2,164	1,566	2,254	2,407	2,484	2,420
Greenland Elementary School	1,474	1,390	1,188	1,066	2,077	2,316
Park Lawn Elementary School	1,657	1,071	1,436	1,546	1,595	1,821
OASD Total	45,703	31,303	34,610	36,554	39,198	47,367

**Disclaimer – There are many variables that have an effect on facility scheduling requests and reports. This makes it difficult to get an accurate comparison from year to year or even school to school. These reports have been gone through and edited by the B&G Dept. to make them as accurate as possible.*

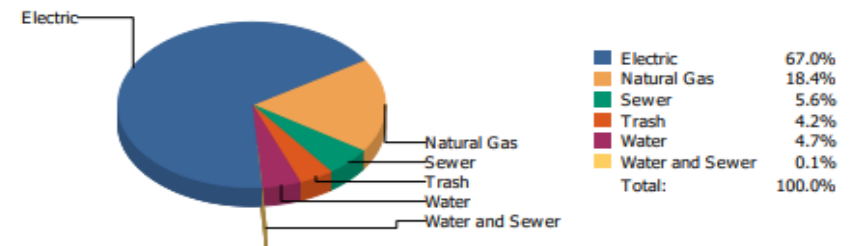
2023-2024 DISTRICT OVERVIEW

Place Summary AN - 07

Energy



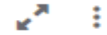
Cost



Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place Summary Report						
Area: 1,134,792 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	5,411,800.64 kWh	18,465,064 Kbtu	16.272 Kbtu/ft ²	\$828,892.11	\$0.153 /kWh	\$0.730 /ft ²
NATURALGAS	360,752.73 THERM	36,075,273 Kbtu	31.790 Kbtu/ft ²	\$227,776.10	\$0.631 /THERM	\$0.201 /ft ²
SEWER	6,740.52 Kgal			\$69,339.06	\$10.287 /Kgal	\$0.061 /ft ²
TRASH				\$51,809.63		\$0.046 /ft ²
WATER	7,108.06 Kgal			\$57,642.63	\$8.109 /Kgal	\$0.051 /ft ²
WATERSEWER	23.18 Kgal			\$1,057.69	\$45.629 /Kgal	\$0.001 /ft ²
Totals:		54,540,337 Kbtu	48.062 Kbtu/ft²	\$1,236,517.22		

2023-2024 Cost Comparisons

Cost Center Totals: 1 Year ⓘ



Oconomowoc High School \$388,889.50	Silver Lake Intermediate School \$148,259.34		
	Nature Hill Intermediate School \$145,239.15	New Meadow View Elementary \$131,535.96	
		Summit Elementary ... \$88,748.69	Ixonia Elementary School \$73,466.26
		Greenland Element... \$64,244.77	Park Lawn Elementary School \$64,075.83
	OCONOMOWOC HIGH S... \$52,441.03		Athletic Fields \$32,115.12
	Old Meadow View E... \$26,261.42		Physical Development Center \$13,309.07
			Grounds Facil... \$7,232.24

Jul 2023–Jun 2024 (Billing Period Data)



FIVE YEAR COMPARISON ELECTRIC USE

Oconomowoc Area School District

Five Year Use Comparison - YY12

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Usage in: KWH								
Athletic Fields	5,000 ft ²	91,960	100,241	57,646	66,663	59,672	-6,991	-10.5
Greenland Elementary School	63,242 ft ²	286,420	299,819	288,092	259,075	257,757	-1,318	-0.5
Grounds Facility	5,000 ft ²	12,371	13,467	12,601	13,293	13,564	271	2.0
Ixonia Elementary School	49,839 ft ²	209,280	245,660	280,730	236,448	208,286	-28,162	-11.9
Nature Hill Intermediate School	123,017 ft ²	720,944	876,419	791,977	718,735	659,399	-59,336	-8.3
New Meadow View Elementary	117,000 ft ²	447,864	672,033	712,647	640,147	543,605	-96,542	-15.1
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	378,041	399,933	458,708	452,371	379,139	-73,232	-16.2
Oconomowoc High School	352,881 ft ²	2,230,035	2,474,197	2,527,782	2,171,594	1,823,080	-348,514	-16.0
Old Meadow View Elementary School	89,618 ft ²	159,600	164,711	119,307	86,191	71,559	-14,632	-17.0
Park Lawn Elementary School	74,409 ft ²	272,601	339,076	319,605	270,295	258,330	-11,965	-4.4
Physical Development Center	5,000 ft ²	110,645	92,961	95,460	62,013	53,357	-8,656	-14.0
Silver Lake Intermediate School	123,017 ft ²	666,046	886,685	816,900	664,961	661,437	-3,524	-0.5
Summit Elementary School	78,069 ft ²	404,454	550,660	493,231	459,010	422,615	-36,395	-7.9
	1,134,092 ft ²	5,990,261	7,115,862	6,974,686	6,100,796	5,411,801	-688,995	-11.3



FIVE YEAR COMPARISON ELECTRIC COST

Oconomowoc Area School District

Five Year Cost Comparison - YY10

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Athletic Fields	5,000 ft ²	\$17,872	\$20,312	\$18,946	\$21,428	\$27,760	6,332	29.5
Greenland Elementary School	63,242 ft ²	\$37,891	\$37,212	\$39,776	\$38,123	\$39,664	1,542	4.0
Grounds Facility	5,000 ft ²	\$1,605	\$1,595	\$1,596	\$1,741	\$1,938	197	11.3
Ixonia Elementary School	49,839 ft ²	\$28,956	\$35,325	\$42,402	\$38,131	\$37,047	(1,084)	(2.8)
Nature Hill Intermediate School	123,017 ft ²	\$95,106	\$111,902	\$112,894	\$113,075	\$104,676	(8,399)	(7.4)
New Meadow View Elementary	117,000 ft ²	\$57,692	\$95,391	\$105,807	\$102,205	\$92,965	(9,240)	(9.0)
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	\$37,912	\$39,593	\$47,849	\$48,479	\$42,193	(6,286)	(13.0)
Oconomowoc High School	352,881 ft ²	\$237,644	\$255,882	\$285,863	\$276,345	\$252,445	(23,900)	(8.6)
Old Meadow View Elementary School	89,618 ft ²	\$18,265	\$19,166	\$16,061	\$12,034	\$11,676	(358)	(3.0)
Park Lawn Elementary School	74,409 ft ²	\$37,549	\$42,528	\$42,646	\$39,291	\$38,457	(834)	(2.1)
Physical Development Center	5,000 ft ²	\$19,319	\$17,483	\$15,603	\$12,185	\$11,581	(604)	(5.0)
Silver Lake Intermediate School	123,017 ft ²	\$84,333	\$103,431	\$106,901	\$99,233	\$104,551	5,318	5.4
Summit Elementary School	78,069 ft ²	\$54,336	\$70,289	\$65,809	\$65,244	\$63,938	(1,305)	(2.0)
	1,134,092 ft²	\$728,480	\$850,108	\$902,153	\$867,516	\$828,892	(38,623)	(4.5)



FIVE YEAR COMPARISON NATURAL GAS USE

Oconomowoc Area School District

Five Year Use Comparison - YY12

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Usage in: THERM								
Greenland Elementary School	63,242 ft ²	20,209	25,203	25,421	21,599	21,841	242	1.1
Grounds Facility	5,000 ft ²	3,112	2,946	3,108	2,219	1,503	-715	-32.2
Ixonia Elementary School	49,839 ft ²	16,548	21,911	25,026	17,739	14,178	-3,562	-20.1
Nature Hill Intermediate School	123,017 ft ²	52,639	68,957	57,543	45,596	36,940	-8,656	-19.0
New Meadow View Elementary	117,000 ft ²	50,076	52,815	52,965	44,700	38,658	-6,041	-13.5
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	8,798	10,244	10,484	9,961	5,375	-4,586	-46.0
Oconomowoc High School	352,881 ft ²	178,396	219,840	193,463	172,972	130,188	-42,784	-24.7
Old Meadow View Elementary School	89,618 ft ²	37,509	41,917	38,669	28,264	21,836	-6,428	-22.7
Park Lawn Elementary School	74,409 ft ²	22,990	26,283	26,207	21,947	20,133	-1,814	-8.3
Physical Development Center	5,000 ft ²	3,277	2,483	3,317	1,962	1,193	-769	-39.2
Silver Lake Intermediate School	123,017 ft ²	59,674	74,376	75,162	53,181	47,221	-5,960	-11.2
Summit Elementary School	78,069 ft ²	22,851	32,159	32,081	27,404	21,686	-5,717	-20.9
	1,129,092 ft ²	476,079	579,134	543,446	447,543	360,753	-86,790	-19.4



FIVE YEAR COMPARISON NATURAL GAS COST

Oconomowoc Area School District

Five Year Cost Comparison - YY10

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Greenland Elementary School	63,242 ft ²	\$10,650	\$14,458	\$13,784	\$12,393	\$14,535	2,142	17.3
Grounds Facility	5,000 ft ²	\$1,667	\$2,001	\$2,426	\$2,090	\$1,177	(914)	(43.7)
Ixonia Elementary School	49,839 ft ²	\$8,844	\$12,760	\$13,623	\$10,354	\$10,435	80	0.8
Nature Hill Intermediate School	123,017 ft ²	\$25,788	\$36,375	\$29,404	\$24,672	\$23,751	(921)	(3.7)
New Meadow View Elementary	117,000 ft ²	\$23,557	\$27,309	\$27,503	\$24,956	\$25,978	1,022	4.1
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	\$5,226	\$6,724	\$6,308	\$6,161	\$4,534	(1,627)	(26.4)
Oconomowoc High School	352,881 ft ²	\$81,761	\$110,421	\$99,091	\$90,594	\$74,899	(15,695)	(17.3)
Old Meadow View Elementary School	89,618 ft ²	\$19,338	\$23,247	\$20,489	\$15,849	\$14,585	(1,264)	(8.0)
Park Lawn Elementary School	74,409 ft ²	\$11,950	\$14,945	\$14,424	\$12,953	\$13,623	670	5.2
Physical Development Center	5,000 ft ²	\$1,870	\$1,730	\$2,748	\$1,899	\$983	(916)	(48.2)
Silver Lake Intermediate School	123,017 ft ²	\$28,908	\$40,364	\$37,438	\$29,742	\$28,980	(762)	(2.6)
Summit Elementary School	78,069 ft ²	\$11,992	\$17,726	\$17,104	\$15,332	\$14,296	(1,037)	(6.8)
	1,129,092 ft ²	\$231,551	\$308,059	\$284,343	\$246,997	\$227,776	(19,221)	(7.8)



FIVE YEAR COMPARISON WATER USE

Oconomowoc Area School District

Five Year Use Comparison - VY12

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Usage in: KGAL								
Athletic Fields	5,000 ft ²	114	138	505	841	414	-427	-50.8
Greenland Elementary School	63,242 ft ²	528	553	494	413	422	9	2.3
Nature Hill Intermediate School	123,017 ft ²	544	556	678	680	606	-74	-10.8
New Meadow View Elementary	117,000 ft ²	370	520	464	495	480	-15	-3.1
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	136	138	188	186	209	23	12.4
Oconomowoc High School	352,881 ft ²	2,658	2,649	3,308	3,570	3,393	-176	-4.9
Park Lawn Elementary School	74,409 ft ²	519	620	598	565	533	-32	-5.7
Physical Development Center	5,000 ft ²	9	13	56	24	42	18	74.2
Silver Lake Intermediate School	123,017 ft ²	396	450	586	543	573	30	5.5
Summit Elementary School	78,069 ft ²	289	418	434	435	436	1	0.2
	989,635 ft ²	5,563	6,055	7,311	7,751	7,108	-643	-8.3



FIVE YEAR COMPARISON WATER COST

Oconomowoc Area School District

Five Year Cost Comparison - YY10

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Athletic Fields	5,000 ft ²	\$2,609	\$2,474	\$4,712	\$5,957	\$4,355	(1,602)	(26.9)
Greenland Elementary School	63,242 ft ²	\$2,518	\$2,815	\$3,927	\$4,029	\$4,494	465	11.5
Nature Hill Intermediate School	123,017 ft ²	\$3,535	\$3,594	\$5,585	\$6,090	\$5,794	(296)	(4.9)
New Meadow View Elementary	117,000 ft ²	\$2,583	\$3,097	\$4,374	\$5,000	\$5,268	268	5.4
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	\$1,521	\$1,537	\$2,482	\$2,641	\$2,737	96	3.6
Oconomowoc High School	352,881 ft ²	\$10,481	\$10,553	\$18,004	\$20,399	\$20,731	332	1.6
Park Lawn Elementary School	74,409 ft ²	\$2,491	\$2,830	\$4,353	\$4,665	\$4,531	(134)	(2.9)
Physical Development Center	5,000 ft ²	\$119	\$130	\$376	\$324	\$384	61	18.7
Silver Lake Intermediate School	123,017 ft ²	\$3,045	\$3,227	\$5,223	\$5,528	\$5,657	129	2.3
Summit Elementary School	78,069 ft ²	\$2,020	\$2,455	\$3,386	\$3,690	\$3,692	2	0.1
	989,635 ft ²	\$30,923	\$32,712	\$52,423	\$58,322	\$57,643	(679)	(1.2)



FIVE YEAR COMPARISON SEWER USE

Oconomowoc Area School District

Five Year Use Comparison - YY12

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Usage in: KGAL								
Greenland Elementary School	63,242 ft ²	528	553	494	413	469	56	13.4
Ixonia Elementary School	49,839 ft ²			0	0	0	0	0.0
Nature Hill Intermediate School	123,017 ft ²	544	556	678	680	606	-74	-10.8
New Meadow View Elementary	117,000 ft ²	370	520	464	496	480	-16	-3.3
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	136	138	188	186	209	23	12.4
Oconomowoc High School	352,881 ft ²	2,658	2,659	3,308	3,570	3,393	-176	-4.9
Park Lawn Elementary School	74,409 ft ²	519	620	598	565	533	-32	-5.7
Physical Development Center	5,000 ft ²	10	13	56	24	42	18	74.2
Silver Lake Intermediate School	123,017 ft ²	396	450	585	543	573	30	5.5
Summit Elementary School	78,069 ft ²	289	419	434	435	436	1	0.2
	1,034,474 ft²	5,450	5,928	6,805	6,911	6,741	-171	-2.5



FIVE YEAR COMPARISON SEWER COST

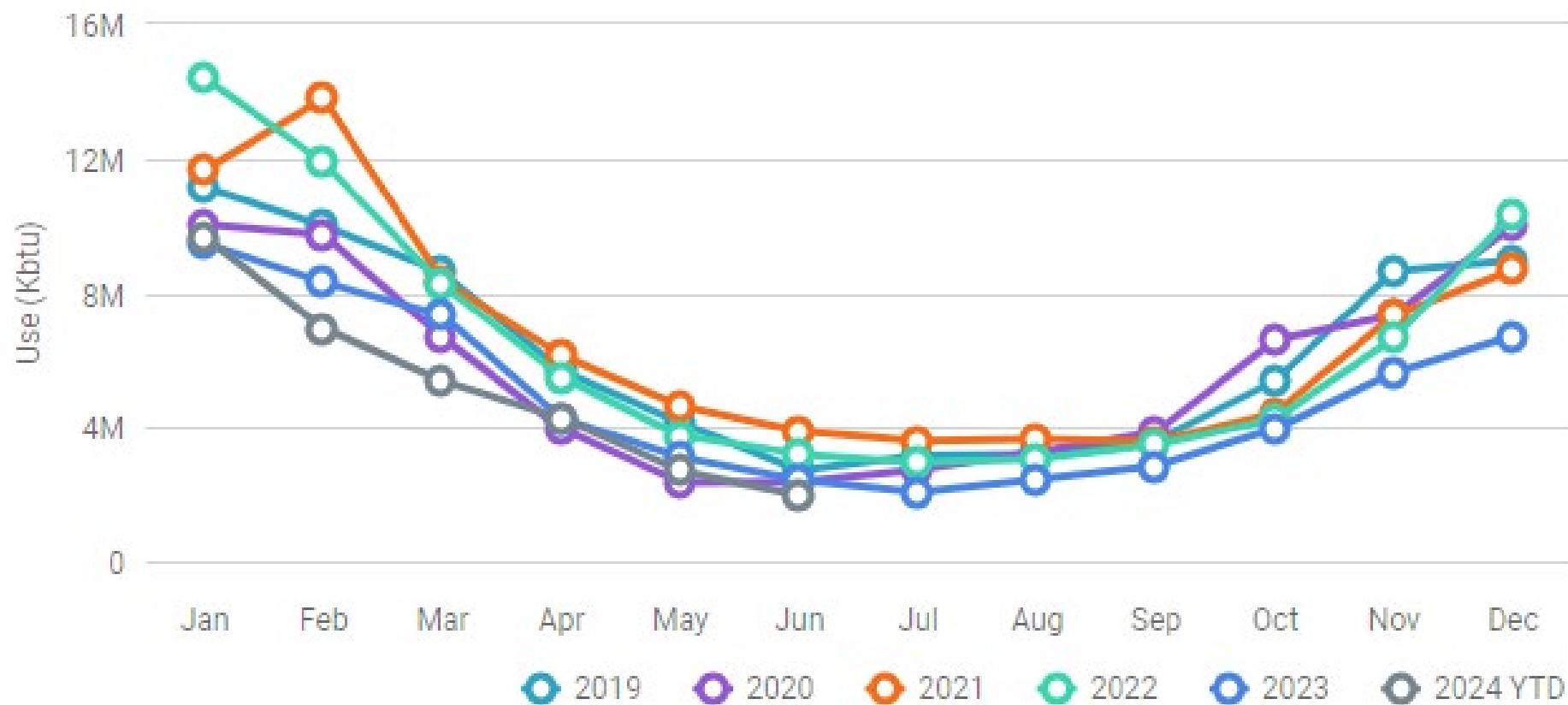
Oconomowoc Area School District

Five Year Cost Comparison - YY10

Place	Current Floor Area	2020	2021	2022	2023	2024	Change vs. Last Year	Change % vs. Last Year
Greenland Elementary School	63,242 ft ²	\$3,109	\$3,189	\$2,932	\$2,650	\$3,204	554	20.9
Ixonia Elementary School	49,839 ft ²			\$12,936	\$15,972	\$23,496	7,524	47.1
Nature Hill Intermediate School	123,017 ft ²	\$2,989	\$3,205	\$4,186	\$4,308	\$4,152	(156)	(3.6)
New Meadow View Elementary	117,000 ft ²	\$2,065	\$3,184	\$2,913	\$3,162	\$3,304	143	4.5
OCONOMOWOC HIGH SCHOOL EAST CAMPUS	48,000 ft ²	\$830	\$1,101	\$1,400	\$1,235	\$1,474	239	19.4
Oconomowoc High School	352,881 ft ²	\$14,353	\$14,976	\$19,149	\$22,175	\$22,764	589	2.7
Park Lawn Elementary School	74,409 ft ²	\$2,857	\$3,550	\$3,526	\$3,588	\$3,649	61	1.7
Physical Development Center	5,000 ft ²	\$142	\$144	\$387	\$246	\$360	114	46.5
Silver Lake Intermediate School	123,017 ft ²	\$2,199	\$2,857	\$3,619	\$3,460	\$3,929	469	13.6
Summit Elementary School	78,069 ft ²	\$1,836	\$2,645	\$2,582	\$2,786	\$3,007	221	7.9
	1,034,474 ft²	\$30,380	\$34,851	\$53,630	\$59,580	\$69,339	9,759	16.4

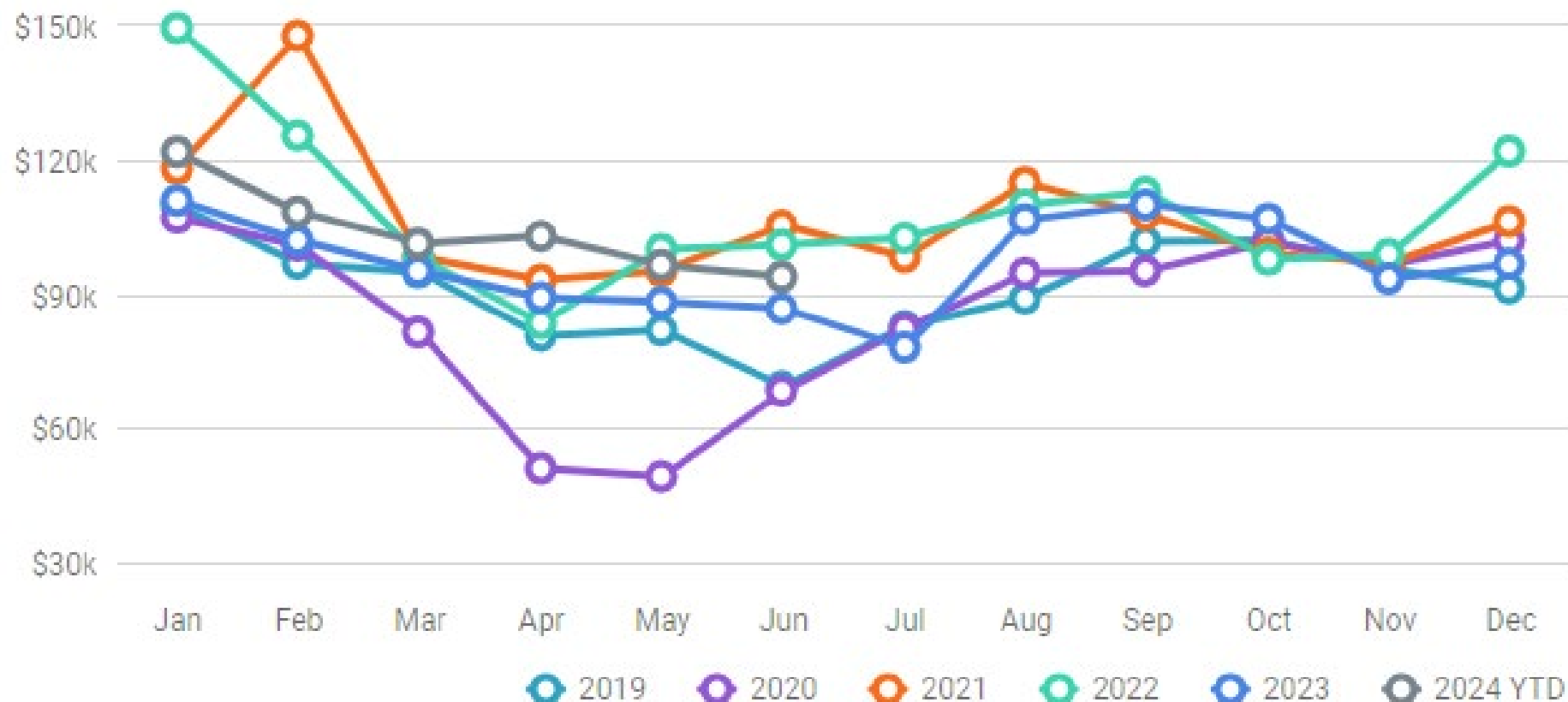
Five Year Energy Use Trend

5 Year Monthly Use Trend ?



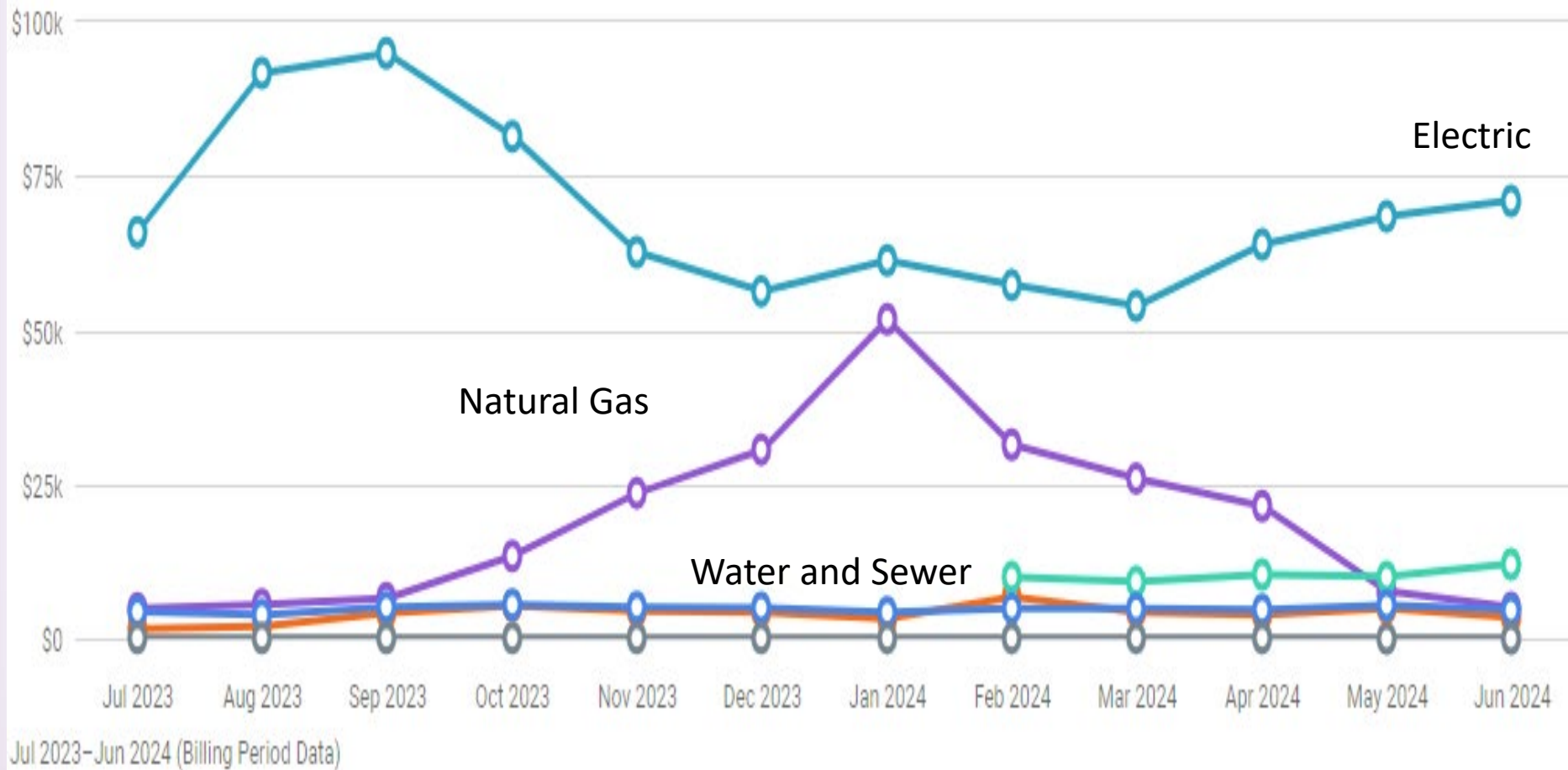
Five Year Energy Cost Trend

Monthly Cost Trend ⓘ



Commodity Spending Trend

Commodity Spending Trend ⓘ





TEN YEAR SKYWARD UTILITIES COMPARISON (ACTUAL)

2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
\$1,129,218	\$1,041,728	\$1,069,991	\$1,010,991	\$1,145,893

2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
\$1,025,611	\$1,201,430	\$1,314,732	\$1,285,059	\$1,244,129

*TOTALS INCLUDE DISTRICT-WIDE NATURAL GAS, ELECTRICITY, WATER, SEWER
AND GARBAGE DISPOSAL COSTS FOR THE FISCAL YEAR

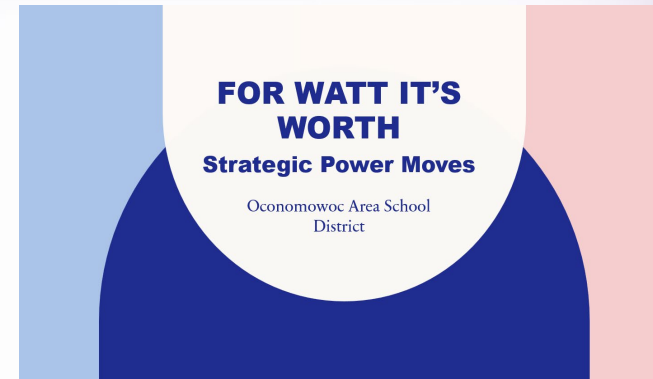
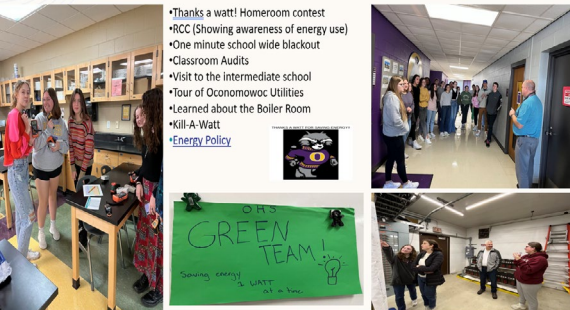
2023-2024

Energy Efficiency Projects

- Tune-ups and preventative maintenance on district boilers
- Tune-ups and preventative maintenance on district chillers
- Preventative maintenance on other district equipment
- Cleaning of air handling unit coils
- Incorporated energy efficiency into projects as applicable

Beth Sheridan, Greg Maroo and Chelsea Indra were selected to present "For Watt It's Worth" at the Wisconsin Association of School Business Officials Fall Conference

COLLABORATE WITH STAFF AND STUDENTS



ENGAGING STAFF



ANALYZE AND ALLOCATE COSTS



FOOD SERVICE

- Put \$ back into Fund 10 by paying Food Service electricity expenses from Fund 50
- Typically Food Service expenses are 25% of electric bill
- DPI approved method of allocation



ARTS CENTER

- Measure the utility impact of arts center operations
- Allocate costs to school, community and productions
- Appropriate charge 3rd party renters / users of facility



COMMUNITY SERVICE

- Measure and understand what 3rd party facility use costs the district in additional utilities
- Rationale for allocation
- Documentation to support

SAVINGS ANALYSIS

Constellation

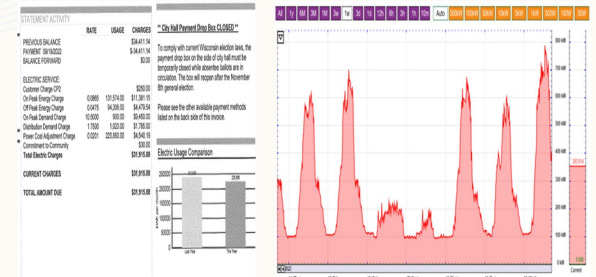
Savings Analysis Report
Oconomowoc Area School District / WISD / T14

Calendar Month	Usage (kWh)	Utility Cost (Revenue)	Gas Usage (kWh)	Utility Cost (Revenue)	Total Electricity	Savings (\$)	Savings (%)	S. Sta
January 2019	17,091	\$4,592.70	27,052.70	\$4,592.70	\$24,744.84	\$2,001.20	20.7%	1.00
February 2019	16,209	\$4,109.80	25,073.70	\$4,109.80	\$23,744.84	\$1,801.20	20.7%	1.10
March 2019	15,991	\$4,089.80	24,853.70	\$4,089.80	\$23,544.84	\$1,781.20	20.7%	1.12
April 2019	14,091	\$3,509.80	22,853.70	\$3,509.80	\$21,344.84	\$1,581.20	20.7%	1.13

Saved \$307,000 over the past 5.5 years!

Year	Usage (kWh)	Utility Cost (Revenue)	Constellation Cost (Revenue)	Savings (\$)	Savings (%)	Savings per kWh
2018	43,320	\$223,104	\$230,997	\$42,207	18.9%	\$0.97
2019	47,076	\$224,686	\$193,784	\$30,883	13.7%	\$0.66
2020	43,658	\$177,120	\$195,486	(\$18,366)	-10.4%	(\$0.42)
2021	52,340	\$230,479	\$207,262	\$23,217	10.1%	\$0.45
2022	52,636	\$309,740	\$252,190	\$117,551	31.8%	\$2.23
2023	24,302	\$172,287	\$110,134	\$40,153	23.3%	\$1.65

GATHERING DATA



THE FUTURE OF OUR ENERGY PROGRAM



Proud to be a
**Sugar
Maple
School**

- Increase visibility of our program
- Continue to identify efficiencies in operations
- Focus on shutdowns to achieve greater savings
- Continue developing an “energy conservation culture”
- Continue to support and collaborate with the OHS Green Team started in 2019-20 by Kelly Holtzman.
- Energy efficiencies in future facility planning, capital projects and site specific projects.
- Continue to investigate future energy savings opportunities and funding options.
- Utilize ClocWorks dataWrangler software for Fund 50 & Fund 80 utility allocations.



TEAM WORK

The success of the program depends on everyone!

Special thanks go to:

- **School Board** for proactively implementing and supporting our program
- **Community** for supporting our energy program
- **Buildings and Grounds Staff** for executing changes in the heating and cooling systems and monitoring our energy use
- **Teachers** for continuing to assist in our efforts for energy conservation
- **Principals and Staff** for coordinating efforts in their schools

Questions?

OHS
GREEN
TEAM!

Saving energy
1 WATT
at a time





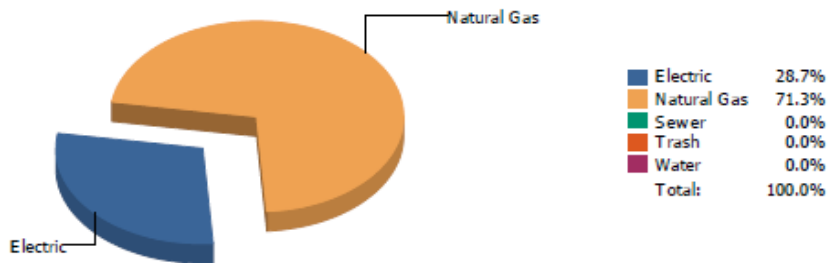
OASD HISTORICAL COST PER SQUARE FOOT

Historical Cost/Sq. Ft (Electric & Gas)	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Oconomowoc High School Main Campus	\$1.09	\$1.04	\$0.91	\$1.00	\$0.90	\$1.03	\$1.08	\$1.04	\$0.93
Oconomowoc High School East Campus	N/A	N/A	N/A	\$0.90	\$0.91	\$0.96	\$1.06	\$1.14	\$0.97
Nature Hill Intermediate School	\$0.98	\$0.94	\$1.00	\$1.09	\$0.98	\$1.21	\$1.15	\$1.12	\$1.04
Silver Lake Intermediate School	\$0.96	\$0.94	\$1.03	\$1.04	\$0.92	\$1.17	\$1.16	\$1.05	\$1.08
Meadow View Elementary School (New)	N/A	N/A	N/A	N/A	\$0.69	\$1.05	\$1.03	\$1.09	\$1.02
Meadow View Elementary School (Old)	\$0.79	\$0.75	\$0.71	\$0.70	\$0.42	\$0.47	\$0.40	\$0.31	\$0.29
Ixonia Elementary School	\$1.03	\$1.01	\$1.09	\$0.87	\$0.76	\$0.97	\$1.06	\$0.97	\$0.95
Summit Elementary School	\$1.12	\$1.05	\$1.02	\$0.98	\$0.84	\$1.13	\$1.04	\$1.03	\$1.00
Greenland Elementary School	\$0.79	\$0.79	\$0.88	\$0.90	\$0.77	\$0.82	\$0.84	\$0.80	\$0.86
Park Lawn Elementary School	\$0.69	\$0.66	\$0.68	\$0.80	\$0.66	\$0.77	\$0.84	\$0.70	\$0.70
OASD	\$1.00	\$0.98	\$0.94	\$0.98	\$0.85	\$1.02	\$1.02	\$0.98	\$0.93
OASD Square Footage	955,477	955,477	955,477	1,017,788	1,134,788	1,134,788	1,134,788	1,134,788	1,134,788

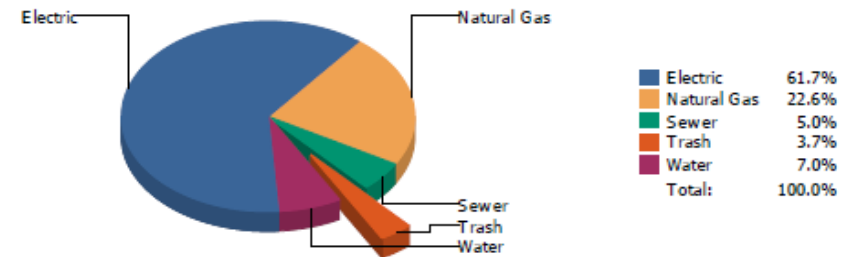
2023-2024 GREENLAND ELEMENTARY

Place Summary AN - 07

Energy



Cost

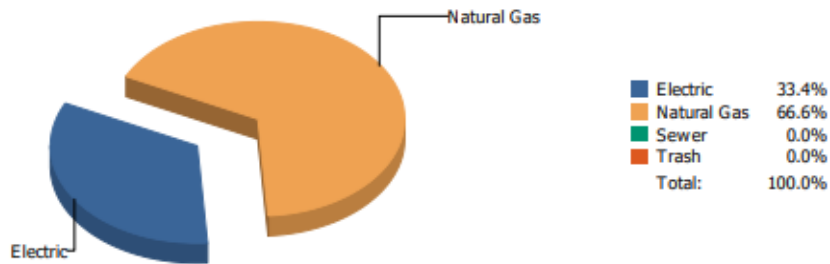


Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [GRN] Greenland Elementary School [BUILDING]						
Area: 63,242 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	257,757.00 kWh	879,467 Kbtu	13.906 Kbtu/ft²	\$39,664.15	\$0.154 /kWh	\$0.627 /ft²
NATURALGAS	21,840.90 THERM	2,184,090 Kbtu	34.535 Kbtu/ft²	\$14,535.05	\$0.665 /THERM	\$0.229 /ft²
SEWER	468.54 Kgal			\$3,204.23	\$6.839 /Kgal	\$0.050 /ft²
TRASH				\$2,347.84		\$0.037 /ft²
WATER	422.41 Kgal			\$4,493.50	\$10.638 /Kgal	\$0.071 /ft²
Totals:		3,063,557 Kbtu	48.442 Kbtu/ft²	\$64,244.77		

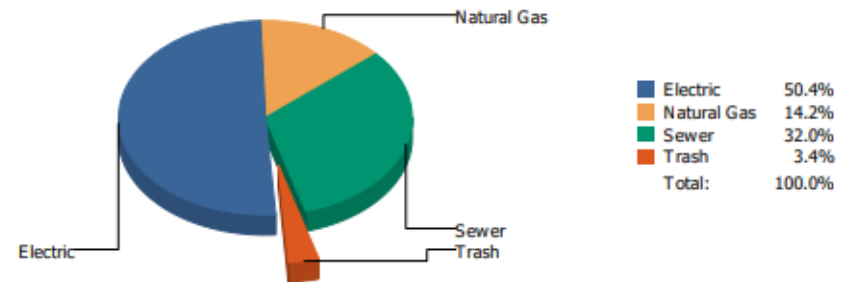
2023-2024 IXONIA ELEMENTARY

Place Summary AN - 07

Energy



Cost



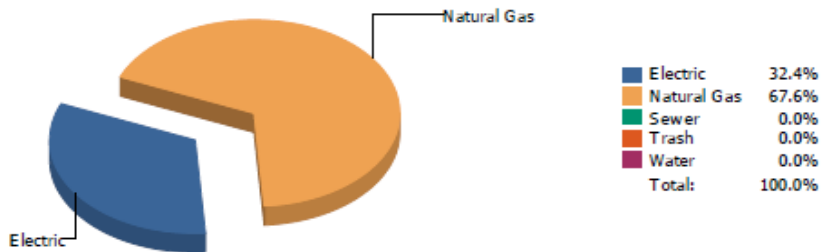
Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [IXO] Ixonia Elementary School [BUILDING]						
Area: 49,839 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	208,286.41 kWh	710,673 Kbtu	14.259 Kbtu/ft²	\$37,047.19	\$0.178 /kWh	\$0.743 /ft²
NATURALGAS	14,177.70 THERM	1,417,770 Kbtu	28.447 Kbtu/ft²	\$10,434.51	\$0.736 /THERM	\$0.209 /ft²
SEWER	0.00 Kgal			\$23,496.00	\$0.000 /Kgal	\$0.471 /ft²
TRASH				\$2,488.56		\$0.050 /ft²
Totals:		2,128,443 Kbtu	42.706 Kbtu/ft²	\$73,466.26		

2023-2024

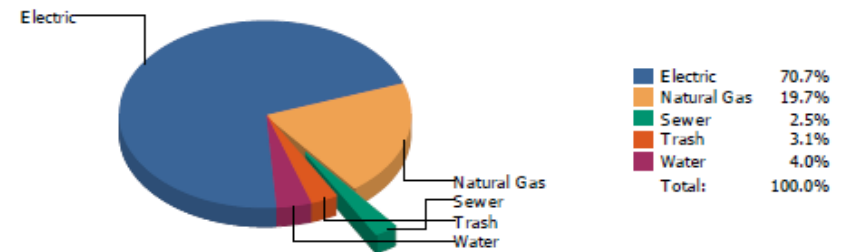
NEW MEADOW VIEW ELEMENTARY

Place Summary AN - 07

Energy



Cost



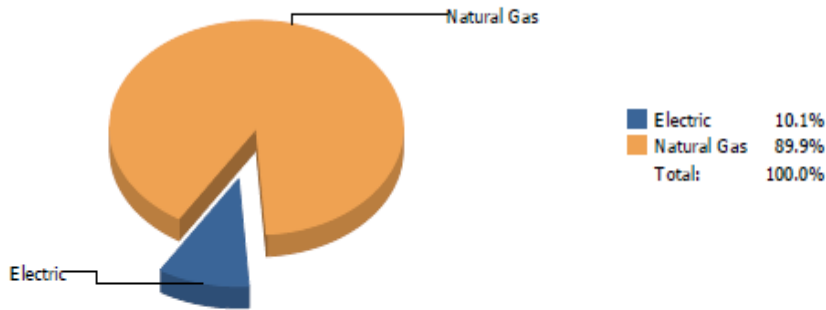
Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [MDV_NEW] New Meadow View Elementary [BUILDING]						
Area: 117,000 ft ²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	543,605.00 kWh	1,854,780 Kbtu	15.853 Kbtu/ft ²	\$92,964.74	\$0.171 /kWh	\$0.794 /ft ²
NATURALGAS	38,658.34 THERM	3,865,834 Kbtu	33.041 Kbtu/ft ²	\$25,978.28	\$0.672 /THERM	\$0.221 /ft ²
SEWER	479.93 Kgal			\$3,304.06	\$6.885 /Kgal	\$0.028 /ft ²
TRASH				\$4,021.21		\$0.034 /ft ²
WATER	479.93 Kgal			\$5,267.67	\$10.976 /Kgal	\$0.044 /ft ²
Totals:		5,720,614 Kbtu	48.894 Kbtu/ft²	\$131,535.96		

2023-2024

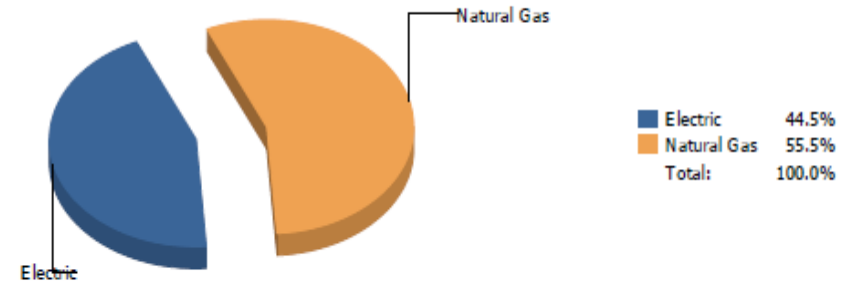
OLD MEADOW VIEW ELEMENTARY

Place Summary AN - 07

Energy



Cost

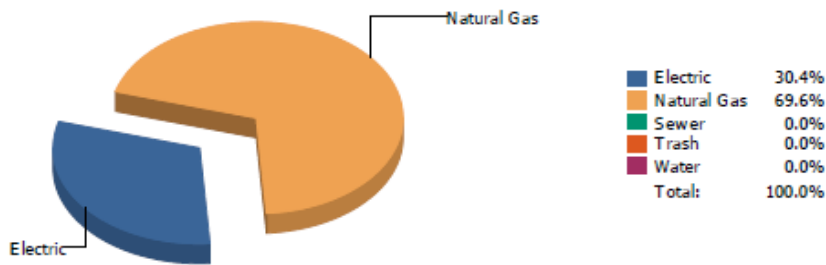


Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [MDV_OLD] Old Meadow View Elementary School [BUILDING]						
Area: 89,618 ft ²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	71,559.00 kWh	244,159 Kbtu	2.724 Kbtu/ft ²	\$11,676.15	\$0.163 /kWh	\$0.130 /ft ²
NATURALGAS	21,835.90 THERM	2,183,590 Kbtu	24.366 Kbtu/ft ²	\$14,585.27	\$0.668 /THERM	\$0.162 /ft ²
Totals:		2,427,749 Kbtu	27.090 Kbtu/ft²	\$26,261.42		

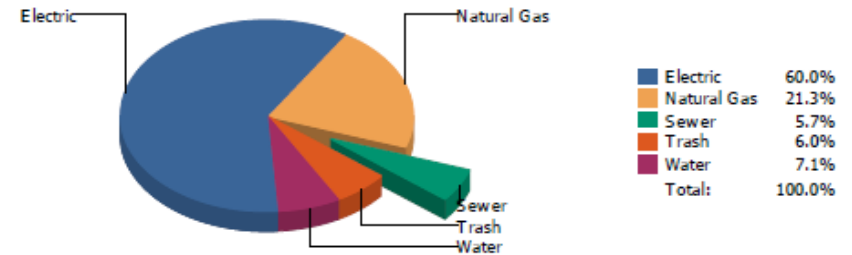
2023-2024 PARK LAWN ELEMENTARY

Place Summary AN - 07

Energy



Cost

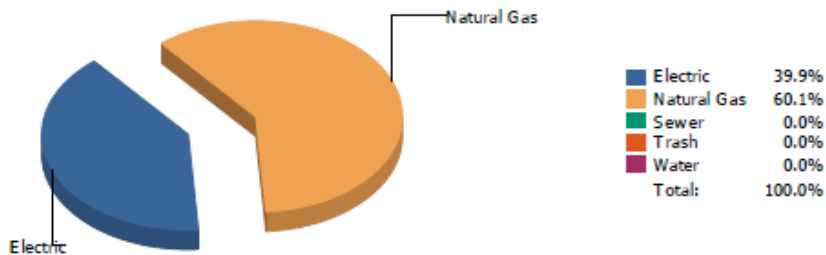


Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [PKL] Park Lawn Elementary School [BUILDING]						
Area: 74,409 ft ²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	258,330.00 kWh	881,422 Kbtu	11.846 Kbtu/ft ²	\$38,457.01	\$0.149 /kWh	\$0.516 /ft ²
NATURALGAS	20,132.80 THERM	2,013,280 Kbtu	27.057 Kbtu/ft ²	\$13,623.25	\$0.677 /THERM	\$0.183 /ft ²
SEWER	533.03 Kgal			\$3,649.19	\$6.846 /Kgal	\$0.049 /ft ²
TRASH				\$3,815.67		\$0.051 /ft ²
WATER	533.03 Kgal			\$4,530.71	\$8.500 /Kgal	\$0.060 /ft ²
Totals:		2,894,702 Kbtu	38.903 Kbtu/ft²	\$64,075.83		

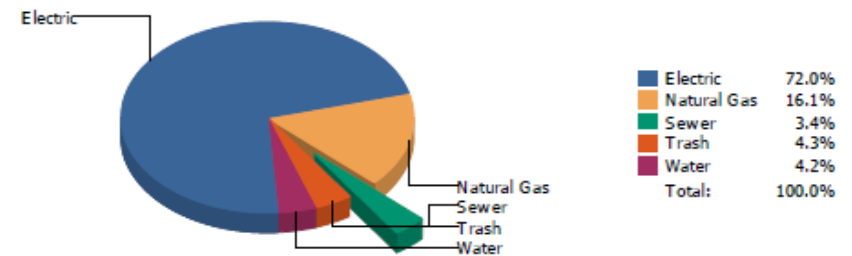
2023-2024 SUMMIT ELEMENTARY

Place Summary AN - 07

Energy



Cost



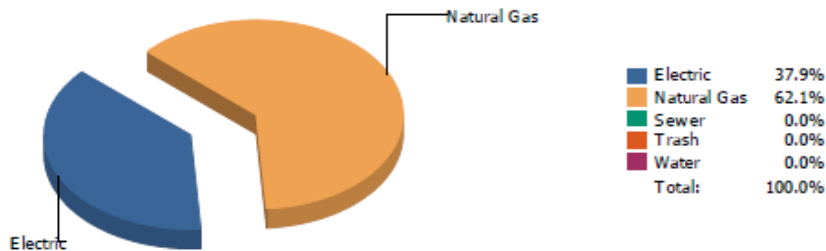
Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [SUM] Summit Elementary School [BUILDING]						
Area: 78,069 ft ²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	422,615.00 kWh	1,441,962 Kbtu	18.470 Kbtu/ft ²	\$63,938.37	\$0.151 /kWh	\$0.819 /ft ²
NATURALGAS	21,686.40 THERM	2,168,640 Kbtu	27.779 Kbtu/ft ²	\$14,295.60	\$0.659 /THERM	\$0.183 /ft ²
SEWER	436.26 Kgal			\$3,006.74	\$6.892 /Kgal	\$0.038 /ft ²
TRASH				\$3,815.67		\$0.049 /ft ²
WATER	436.26 Kgal			\$3,692.31	\$8.464 /Kgal	\$0.047 /ft ²
Totals:		3,610,602 Kbtu	46.249 Kbtu/ft²	\$88,748.69		

2023-2024

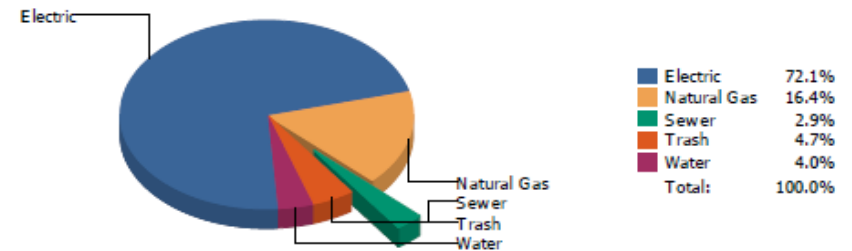
NATURE HILL INTERMEDIATE

Place Summary AN - 07

Energy



Cost



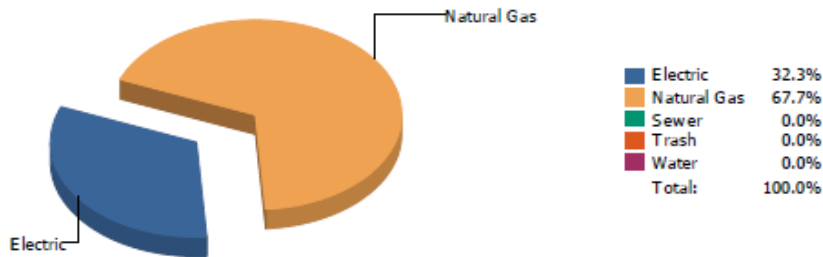
Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [NHI] Nature Hill Intermediate School [BUILDING]						
Area: 123,017 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	659,399.00 kWh	2,249,869 Kbtu	18.289 Kbtu/ft²	\$104,676.35	\$0.159 /kWh	\$0.850 /ft²
NATURALGAS	36,940.22 THERM	3,694,022 Kbtu	30.029 Kbtu/ft²	\$23,751.14	\$0.643 /THERM	\$0.193 /ft²
SEWER	606.00 Kgal			\$4,151.91	\$6.851 /Kgal	\$0.033 /ft²
TRASH				\$6,866.09		\$0.056 /ft²
WATER	606.00 Kgal			\$5,793.66	\$9.560 /Kgal	\$0.047 /ft²
Totals:		5,943,891 Kbtu	48.318 Kbtu/ft²	\$145,239.15		

2023-2024

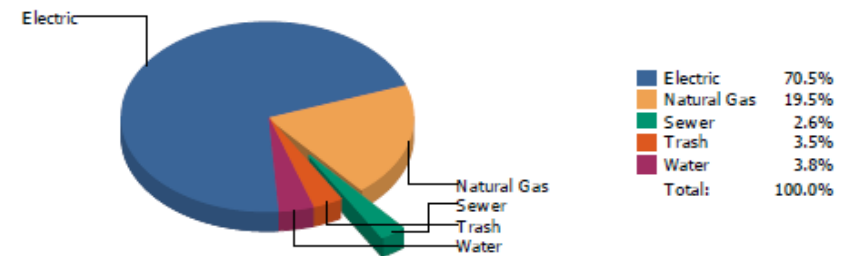
SILVER LAKE INTERMEDIATE

Place Summary AN - 07

Energy



Cost



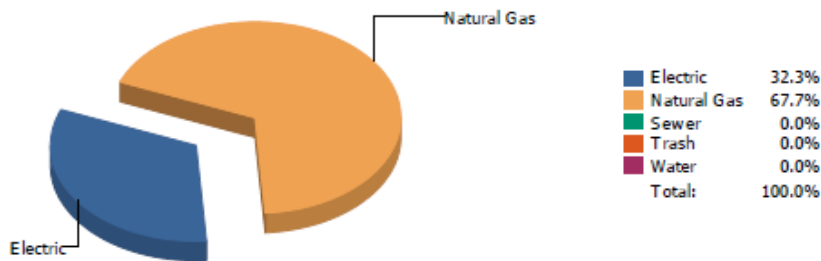
Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [SLI] Silver Lake Intermediate School [BUILDING]						
Area: 123,017 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	661,437.00 kWh	2,256,823 Kbtu	18.346 Kbtu/ft²	\$104,551.09	\$0.158 /kWh	\$0.849 /ft²
NATURALGAS	47,220.70 THERM	4,722,070 Kbtu	38.386 Kbtu/ft²	\$28,979.80	\$0.614 /THERM	\$0.235 /ft²
SEWER	572.66 Kgal			\$3,928.62	\$6.860 /Kgal	\$0.031 /ft²
TRASH				\$5,142.63		\$0.041 /ft²
WATER	572.66 Kgal			\$5,657.20	\$9.879 /Kgal	\$0.045 /ft²
Totals:		6,978,893 Kbtu	56.731 Kbtu/ft²	\$148,259.34		

2023-2024

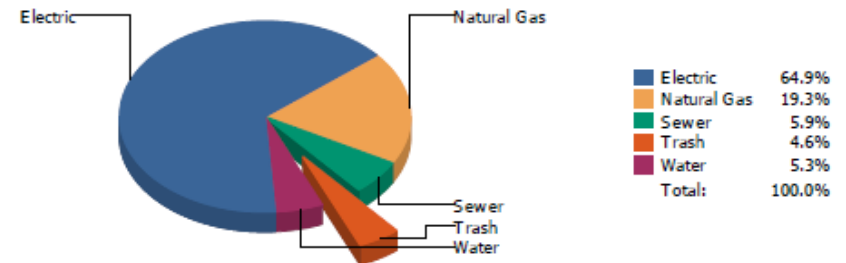
OCONOMOWOC HIGH SCHOOL

Place Summary AN - 07

Energy



Cost

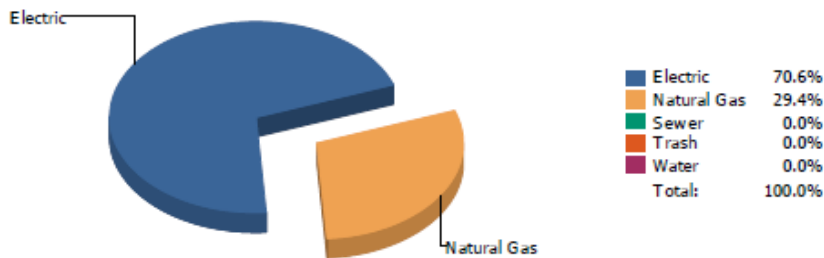


Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [OHS_1] Oconomowoc High School [BUILDING]						
Area: 352,881 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	1,823,080.00 kWh	6,220,349 Kbtu	17.627 Kbtu/ft²	\$252,445.04	\$0.138 /kWh	\$0.715 /ft²
NATURALGAS	130,187.70 THERM	13,018,770 Kbtu	36.893 Kbtu/ft²	\$74,899.03	\$0.575 /THERM	\$0.211 /ft²
SEWER	3,393.40 Kgal			\$22,764.07	\$6.708 /Kgal	\$0.064 /ft²
TRASH				\$18,050.62		\$0.051 /ft²
WATER	3,393.40 Kgal			\$20,730.74	\$6.109 /Kgal	\$0.058 /ft²
Totals:		19,239,119 Kbtu	54.520 Kbtu/ft²	\$388,889.50		

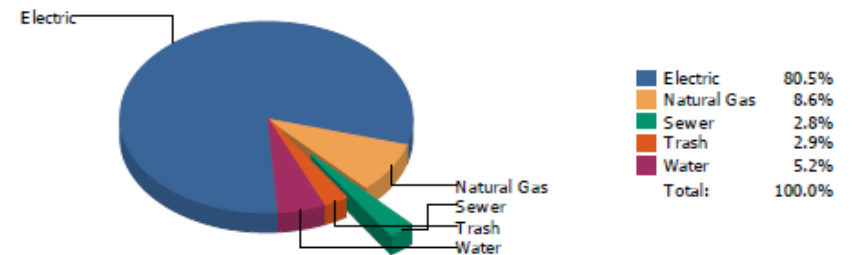
2023-2024 OHS East Campus

Place Summary AN - 07

Energy



Cost

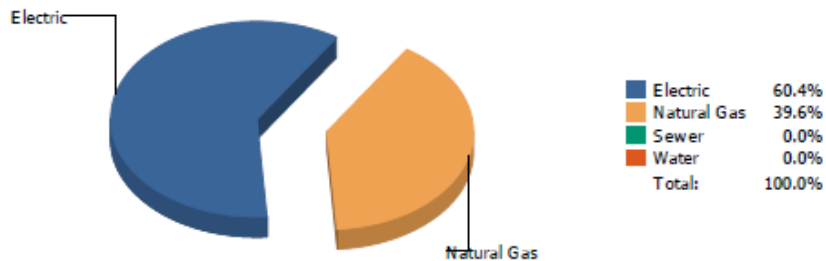


Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [OHS_EC] OCONOMOWOC HIGH SCHOOL EAST CAMPUS [BUILDING]						
Area: 48,000 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	379,139.00 kWh	1,293,622 Kbtu	26.950 Kbtu/ft²	\$42,193.07	\$0.111 /kWh	\$0.879 /ft²
NATURALGAS	5,375.25 THERM	537,525 Kbtu	11.198 Kbtu/ft²	\$4,534.02	\$0.843 /THERM	\$0.094 /ft²
SEWER	208.88 Kgal			\$1,473.87	\$7.056 /Kgal	\$0.030 /ft²
TRASH				\$1,502.74		\$0.031 /ft²
WATER	208.88 Kgal			\$2,737.33	\$13.105 /Kgal	\$0.056 /ft²
Totals:		1,831,147 Kbtu	38.149 Kbtu/ft²	\$52,441.03		

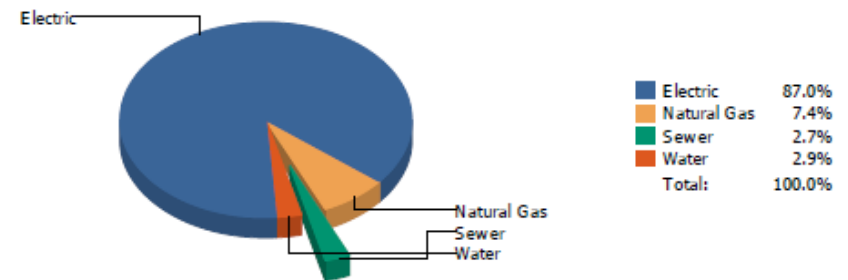
2023-2024 PHYSICAL DEVELOPMENT CENTER

Place Summary AN - 07

Energy



Cost



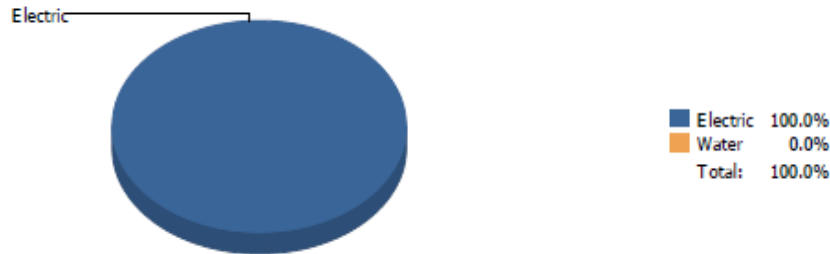
Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [PDC] Physical Development Center [BUILDING]						
Area: 5,000 ft ²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	53,357.00 kWh	182,054 Kbtu	36.411 Kbtu/ft ²	\$11,580.96	\$0.217 /kWh	\$2.316 /ft ²
NATURALGAS	1,193.40 THERM	119,340 Kbtu	23.868 Kbtu/ft ²	\$983.33	\$0.824 /THERM	\$0.196 /ft ²
SEWER	41.82 Kgal			\$360.37	\$8.618 /Kgal	\$0.071 /ft ²
WATER	41.82 Kgal			\$384.41	\$9.192 /Kgal	\$0.076 /ft ²
Totals:		301,394 Kbtu	60.279 Kbtu/ft²	\$13,309.07		

2023-2024 ATHLETIC FIELDS FOREVER

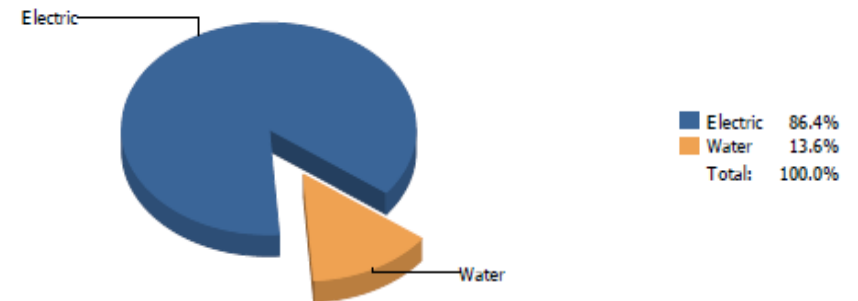
Oconomowoc Area School District

Place Summary AN - 07

Energy



Cost

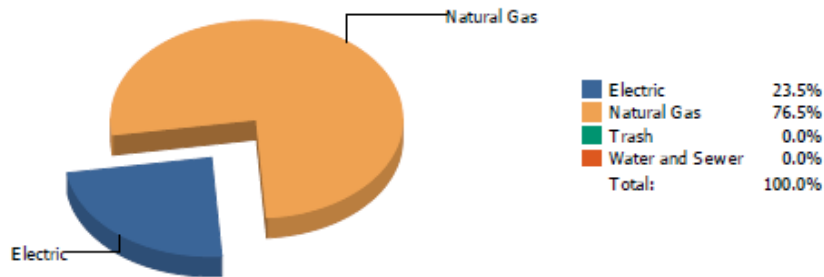


Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [AFF] Athletic Fields [BUILDING]						
Area: 5,000 ft ²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	59,672.23 kWh	203,602 Kbtu	40.720 Kbtu/ft ²	\$27,760.02	\$0.465 /kWh	\$5.552 /ft ²
WATER	413.66 Kgal			\$4,355.10	\$10.528 /Kgal	\$0.870 /ft ²
Totals:		203,602 Kbtu	40.720 Kbtu/ft²	\$32,115.12		

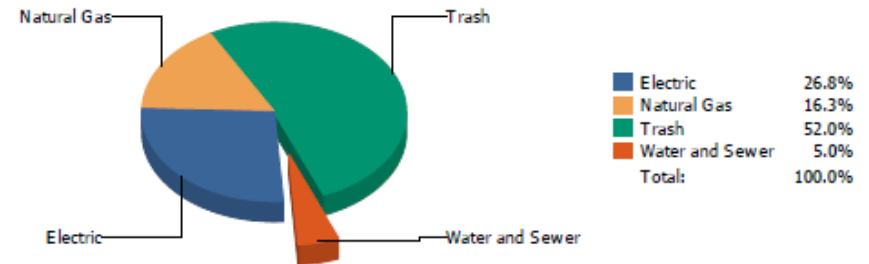
2023-2024 GROUNDS FACILITY

Place Summary AN - 07

Energy



Cost



Commodity	Common Use	Energy Use	Energy Use / Area	Total Cost	Cost / Unit	Cost / Area
Place: [GF_1] Grounds Facility [BUILDING]						
Area: 5,000 ft²						
Billing Period between Jul 2023 and Jun 2024						
ELECTRIC	13,564.00 kWh	46,280 Kbtu	9.256 Kbtu/ft²	\$1,937.97	\$0.143 /kWh	\$0.386 /ft²
NATURALGAS	1,503.42 THERM	150,342 Kbtu	30.068 Kbtu/ft²	\$1,176.82	\$0.783 /THERM	\$0.235 /ft²
TRASH				\$3,758.60		\$0.752 /ft²
WATERSEWER	6.33 Kgal			\$358.85	\$56.672 /Kgal	\$0.071 /ft²
Totals:		196,622 Kbtu	39.324 Kbtu/ft²	\$7,232.24		