


Scotia-Glenville School District
Scotia, New York

To: Susan Swartz, Superintendent
From: Drew Giaquinto, Business Manager 
Subject: Energy costs for plan year May 2022 - April 2023
Date: September 10, 2023

Attached please find the annual analysis of energy costs per building in the Scotia-Glenville CSD for the consortium plan year May 2022 - April 2023.

Overall, energy decreased by \$67,626 or 16.09% after increasing by 3.84% in the prior period. Electric (-\$33,000), Gas (-\$19,000) and Oil (\$-15,000) all decreased from the prior year. The district benefits from locked in rates through a consortium bid on Gas and Electric as well as solar energy credits. Oil is purchased through the NYS state contract and varies month to month on pricing.

The prior year comparison displayed a year to year decrease of \$67,626 or 16.09 %. The per square foot cost (PSF) decreased to \$.53 PSF from \$.63 PSF. The prior year comparison displayed an increase from .61 to .63 PSF.

Our annual Gas decreased by \$19,000 after a slight decrease in the prior year of \$67, Electric costs decreased by \$33,000 compared to a prior year decrease of \$13,000. Oil costs at Glendaal decreased by \$15,191 after increasing by \$30,000 in the prior year.

We had locked in gas and electric supply rates through the April 30, 2023, plan year. The transportation delivery rates are based on approved rates from the Public Service Commission. As projected in last year's update, if we did experience stable usage, we should

continue to result in a favorable report for the 2022-23 plan year which we did. The consortium rebid last year, and we now have locked in rates until April of 2024. The new heating system at GW (2022 Capital project) continues the district's investment in energy enhancements. The 2021- 2022 \$100k projects have replaced a dozen exterior doors at the HS. We continue to benefit from energy enhancements at the High School and Glendaal (new boiler system, conversion to hot water from steam), MS (new roof top units), and the last Energy Performance contract (HVAC controls, LED lighting), as well as very mild-to-moderate winters. We continue since 2017-18 to benefit from the solar meters in operation at remote sites generating a \$36,000 net savings. We have continued to see meters being taken out of service due to the fiscal difficulties of Monolith as savings continue to be in the 35,000-range last two years from the customary \$50,000 level.

For the fiscal year (July-June compared to plan 5/1-4/30) year 2022-23 we expensed \$519,000 vs. \$508,000 in the prior year. We received a refund from the consortium of \$81,000 in September 2023.

I have attached a summary by building of energy costs with related cost per square foot. In addition, I have broken out by building, gas, electric and oil in a similar format. An analysis of the cost per square foot by building over the past thirteen years is attached. Please note the significant decrease in District Office energy costs from a high of \$4.83 PSF to the 20-21 lowest cost of \$1.04 PSF and \$1.10 PSF this past year.

Please let me know if you have questions or require additional information.

Attachments

Electric and Gas:, Oil

NYSMEC 22-23 Plan Year (Transportation and Supplier Costs by Facility)
Summary of Transportation & Supplier Costs for Electric, Gas and Oil

2022/23	2022/23	2022/23	2022/23					
Facility	Total	Sq. Footage	Cost per SqFt.	21/22	21/22	inc/(decr)	% inCR/(DECR)	
Beukendal Field	\$ 525.70			\$ 527.24		\$ (1.54)	-0.29%	
HS admin parking light	\$ 980.06			\$ 938.67		\$ 41.39	4.41%	
Bus Garage	\$ 7,270.89	7,000	\$ 1.04	\$ 7,591.84	\$ 1.08	\$ (320.95)	-4.23%	
Concession Stand	\$ 2,347.44			\$ 1,858.72		\$ 488.72	26.29%	
District Office	\$ 10,418.91	9,500	\$ 1.10	\$ 10,452.84	\$ 1.10	\$ (33.93)	-0.32%	
Field House	\$ 2,647.38			\$ 2,241.48		\$ 405.90	18.11%	
Glendaal ES	\$ 63,443.34	47,367	\$ 1.34	\$ 81,754.01	\$ 1.73	\$ (18,310.67)	-22.40%	
Glen-Worden	\$ 31,148.87	46,971	\$ 0.66	\$ 34,968.11	\$ 0.74	\$ (3,819.24)	-10.92%	
High School	\$ 109,994.46	297,618	\$ 0.37	\$ 114,464.84	\$ 0.38	\$ (4,470.38)	-3.91%	
Lincoln ES	\$ 25,470.44	42,089	\$ 0.61	\$ 32,398.48	\$ 0.77	\$ (6,928.04)	-21.38%	
Middle School	\$ 65,310.93	149,425	\$ 0.44	\$ 96,515.95	\$ 0.65	\$ (31,205.02)	-32.33%	
solar meters	\$ -			\$ -		\$ -	#DIV/0!	
Monolith Solar company	\$ -			\$ -		\$ -	#DIV/0!	
Parking Lot Lighting	\$ 764.33			\$ 743.68		\$ 20.65	2.78%	
Sacandaga ES	\$ 32,407.19	63,524	\$ 0.51	\$ 35,900.13	\$ 0.57	\$ (3,492.94)	-9.73%	
	\$ 352,729.94	663,494	\$ 0.53	\$ 420,355.99	\$ 0.63	\$ (67,626.05)	-16.09%	

Facility	Type	Period	Transportation Amount	Supplier Amount	Total	Sq. Footage	Cost per SqFt.	21/22	21/22	inc/(decr)
Beukendal Field	Electric	5/22-4/23	\$ 408.50	\$ 117.20	\$ 525.70			\$ 527.24		\$ (1.54)
HS admin parking light	Electric	5/22-4/23	\$ 751.84	\$ 228.22	\$ 980.06			\$ 938.67		\$ 41.39
Bus Garage	Electric	5/22-4/23	\$ 1,278.32	\$ 2,875.99	\$ 4,154.31	7,000	\$ 0.59	\$ 3,816.24	\$ 0.55	\$ 338.07
bus garage fuel pump	Electric	5/22-4/23	\$ 365.95	\$ 85.09	\$ 451.04			\$ 458.04		\$ (7.00)
Concession Stand	Electric	5/22-4/23	\$ 1,462.47	\$ 884.97	\$ 2,347.44			\$ 1,858.72		\$ 488.72
District Office	Electric	5/22-4/23	\$ 3,925.32	\$ 2,617.29	\$ 6,542.61	9,500	\$ 0.69	\$ 6,253.00	\$ 0.66	\$ 289.61
Field House	Electric	5/22-4/23	\$ 622.35	\$ 272.02	\$ 894.37			\$ 905.95		\$ (11.58)
Glendaal ES	Electric	5/22-4/23	\$ 6,760.91	\$ 8,797.43	\$ 15,558.34	47,367	\$ 0.33	\$ 18,678.01	\$ 0.39	\$ (3,119.67)
Glen-Worden	Electric	5/22-4/23	\$ 10,502.29	\$ 9,616.28	\$ 20,118.57	46,971	\$ 0.43	\$ 18,887.37	\$ 0.40	\$ 1,231.20
High School	Electric	5/22-4/23	\$ 12,229.35	\$ 58,814.66	\$ 71,044.01	297,618	\$ 0.24	\$ 73,191.80	\$ 0.25	\$ (2,147.79)
Lincoln ES	Electric	5/22-4/23	\$ 2,057.17	\$ 7,629.27	\$ 9,686.44	42,089	\$ 0.23	\$ 13,228.90	\$ 0.31	\$ (3,542.46)
Middle School	Electric	5/22-4/23	\$ 2,037.44	\$ 43,866.66	\$ 45,904.10	149,425	\$ 0.31	\$ 72,017.05	\$ 0.48	\$ (26,112.95)
Parking Lot Lighting	Electric	5/22-4/23	\$ 545.32	\$ 219.01	\$ 764.33			\$ 743.68		\$ 20.65
solar meters	Electric	5/22-4/23			\$ -			\$ -	\$ -	\$ -
Monolith Solar company			\$ -	\$ -	\$ -			\$ -		\$ -
Sacandaga ES	Electric	5/21-4/22	\$ 6,773.31	\$ 11,026.62	\$ 17,799.93	63,524	\$ 0.28	\$ 17,799.93	\$ 0.28	\$ -
Totals			\$ 49,720.54	\$ 147,050.71	\$ 196,771.25	663,494	\$ 0.30	\$ 229,304.60	\$ 0.35	\$ (32,533.35) -14.19%

Facility	Type	Period	Transportation Amount	Supplier Amount	Total	Sq. Footage	Cost per SqFt.	21/22	21/22	inc/(decr)
Beukendal Field	Gas	5/22-4/23	\$ -	\$ -	\$ -			\$ -		\$ -
Bus Garage	Gas	5/22-4/23	\$ 1,558.34	\$ 1,107.20	\$ 2,665.54	7,000	\$ 0.38	\$ 3,317.56	\$ 0.47	\$ (652.02)

Concession Stand		5/22-4/23	\$ -	\$ -	\$ -					\$ -	\$ -	\$ -			
District Office	Gas	5/22-4/23	\$ 2,194.98	\$ 1,681.32	\$ 3,876.30	9,500	\$ 0.41			\$ 4,199.84	\$ 0.44	\$ (323.54)			
Field House	Gas	5/22-4/23	\$ 1,141.52	\$ 611.49	\$ 1,753.01					\$ 1,335.53		\$ 417.48			
Glendaal ES	Gas	5/22-4/23				47,367	\$ -			\$ -		\$ -			
Glen-Worden	Gas	5/22-4/23	\$ 5,427.85	\$ 5,602.45	\$ 11,030.30	46,971	\$ 0.23			\$ 16,080.74	\$ 0.34	\$ (5,050.44)			
High School	Gas	5/22-4/23	\$ 19,371.58	\$ 19,578.87	\$ 38,950.45	297,618	\$ 0.13			\$ 41,273.04	\$ 0.14	\$ (2,322.59)			
Lincoln ES	Gas	5/22-4/23	\$ 7,199.20	\$ 8,584.80	\$ 15,784.00	42,089	\$ 0.38			\$ 19,169.58	\$ 0.46	\$ (3,385.58)			
Middle School	Gas	5/22-4/23	\$ 8,661.28	\$ 10,745.55	\$ 19,406.83	149,425	\$ 0.13			\$ 24,498.90	\$ 0.16	\$ (5,092.07)			
Parking Lot Lighting		5/22-4/23													
Sacandaga ES	Gas	5/22-4/23	\$ 7,098.39	\$ 7,508.87	\$ 14,607.26	63,524	\$ 0.23			\$ 18,100.20	\$ 0.28	\$ (3,492.94)			
Totals			\$ 52,653.14	\$ 55,420.55	\$ 108,073.69	663,494	\$ 0.16	\$ -		\$ 127,975.39	\$ 0.19	\$ (19,901.70)			-15.55%

Facility	Type	Period	Transportation Amount	Supplier Amount	Total	Sq. Footage	Cost per SqFt.	21/22	21/22	inc/(decr)
Glendaal ES (Oil heat)	Oil	5/22-4/23		\$ 47,885.00	\$ 47,885.00	47,367	\$ 1.01	\$ 63,076.00	\$ 1.33	\$ (15,191.00)
Totals					\$ 352,729.94	663,494	\$ 0.53	\$ 420,355.99	\$ 0.63	\$ (67,626.05)
										-16.09%

	Sq. Footage	22/23	21/22	20/21	19/20	18/19	17/18	16/17	15/16	14/15	13/14	12/13	11/12	10/11
Bus Garage	7,000	\$ 1.04	\$ 1.08	\$ 1.08	\$ 0.78	\$ 1.08	\$ 1.04	\$ 1.43	\$ 1.58	\$ 1.83	\$ 2.35	\$ 2.38	\$ 3.52	\$ 4.25
District Office	9,500	\$ 1.10	\$ 1.10	\$ 1.10	\$ 1.06	\$ 1.10	\$ 1.46	\$ 1.48	\$ 1.51	\$ 1.66	\$ 2.41	\$ 4.04	\$ 4.83	\$ 4.64
Glendaal ES	47,367	\$ 1.34	\$ 1.73	\$ 1.73	\$ 0.69	\$ 1.73	\$ 1.55	\$ 0.83	\$ 0.86	\$ 1.47	\$ 2.11	\$ 2.18	\$ 1.98	\$ 2.02
Glen-Worden	46,971	\$ 0.66	\$ 0.74	\$ 0.74	\$ 0.52	\$ 0.74	\$ 0.76	\$ 0.73	\$ 0.71	\$ 0.78	\$ 0.90	\$ 0.87	\$ 1.42	\$ 1.62
High School	297,618	\$ 0.37	\$ 0.38	\$ 0.38	\$ 0.32	\$ 0.38	\$ 0.42	\$ 0.49	\$ 0.49	\$ 0.56	\$ 0.62	\$ 0.61	\$ 0.99	\$ 1.28
Lincoln ES	42,089	\$ 0.61	\$ 0.77	\$ 0.77	\$ 0.55	\$ 0.77	\$ 0.72	\$ 0.72	\$ 0.73	\$ 0.79	\$ 0.93	\$ 0.97	\$ 1.52	\$ 1.69
Middle School	149,425	\$ 0.44	\$ 0.65	\$ 0.65	\$ 0.48	\$ 0.65	\$ 0.83	\$ 0.85	\$ 0.86	\$ 0.88	\$ 0.92	\$ 0.99	\$ 1.56	\$ 1.51
Sacandaga ES	63,524	\$ 0.51	\$ 0.60	\$ 0.57	\$ 0.51	\$ 0.57	\$ 0.65	\$ 0.63	\$ 0.63	\$ 0.59	\$ 0.63	\$ 0.66	\$ 0.98	\$ 1.09
	663,494													
		7,000	9,500	47,367	46,971	297,618	42,089	149,425	63,524					
		Bus Garage	District Office	Glendaal ES	Glen-Worden	High School	Lincoln ES	Middle Sch	Sacandaga ES					
	22/23	\$ 1.04	\$ 1.10	\$ 1.34	\$ 0.66	\$ 0.37	\$ 0.61	\$ 0.44	\$ 0.51					
	21/22	\$ 1.08	\$ 1.10	\$ 1.73	\$ 0.74	\$ 0.38	\$ 0.77	\$ 0.65	\$ 0.60					
	20/21	\$ 0.93	\$ 1.04	\$ 1.02	\$ 0.64	\$ 0.33	\$ 0.70	\$ 0.53	\$ 0.60					
	19/20	\$ 0.78	\$ 1.06	\$ 0.69	\$ 0.52	\$ 0.32	\$ 0.55	\$ 0.48	\$ 0.51					
	18/19	\$ 0.93	\$ 1.04	\$ 1.02	\$ 0.64	\$ 0.33	\$ 0.70	\$ 0.53	\$ 0.60					
	17/18	\$ 1.04	\$ 1.46	\$ 1.55	\$ 0.76	\$ 0.42	\$ 0.72	\$ 0.83	\$ 0.65					
	16/17	\$ 1.43	\$ 1.48	\$ 0.83	\$ 0.73	\$ 0.49	\$ 0.72	\$ 0.85	\$ 0.63					
	15/16	\$ 1.58	\$ 1.51	\$ 0.86	\$ 0.71	\$ 0.49	\$ 0.73	\$ 0.86	\$ 0.63					
	14/15	\$ 1.83	\$ 1.66	\$ 1.47	\$ 0.78	\$ 0.56	\$ 0.79	\$ 0.88	\$ 0.59					
	13/14	\$ 2.35	\$ 2.41	\$ 2.11	\$ 0.80	\$ 0.62	\$ 0.93	\$ 0.92	\$ 0.63					
	12/13	\$ 2.38	\$ 4.04	\$ 2.18	\$ 0.87	\$ 0.61	\$ 0.97	\$ 0.99	\$ 0.66					
	11/12	\$ 3.52	\$ 4.83	\$ 1.98	\$ 1.42	\$ 0.99	\$ 1.52	\$ 1.56	\$ 0.98					
	10/11	\$ 4.25	\$ 4.64	\$ 2.02	\$ 1.62	\$ 1.28	\$ 1.69	\$ 1.51	\$ 1.09					

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MEMORANDUM

TO: NYSMEC Participants
SUBJECT: 2022/2023 NYSMEC Reconciliation
DATE: August 31, 2023

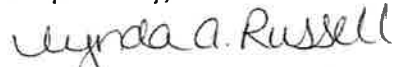
The reconciliation for the 2022/2023 NYSMEC year (May 1, 2022 – April 30, 2023) is complete. The reconciliation process is a long and involved process, and the Energy Services Staff has worked very diligently in completing the reconciliation in a timely manner. Your refund check is enclosed.

In addition to your refund check, you will find a “Summary” report for Natural Gas and/or Electricity. This report lists the name of each account, the account number, total transportation (utility) costs, total supplier costs, total installment invoice amounts, any credit adjustments made to installment billings, and building/participant balances.

You can find the details behind these summary reports by viewing the “Expense” and “Billing” reports on our web-based database (www.power2021.nysmec.org/reports). You are required to have a password assigned to you in order to log in to the system. If you do not have a password as of yet, please contact Judy DeGarie directly by email at jdegarie@OCMBOCES.org.

Thank you for your continued participation in the NYSMEC Energy Services Program.

Respectfully,



OCM BOCES, Manager of Central Services

New York School and Municipal Energy Consortium (NYSMEC)

Electric Summary Report

May 2022 - April 2023

Scotia-Glenville CSD

Account Number	Meter Number	Total Trans. Cost	Total Supplier Cost	Combined Total Cost	Total Installment Invoice Amount	Total Credit Invoice Amount	Total Revenue	Building Balance
Admin. Parking Lot Pole/Front of HS Pole								
53338-80108/91352-93103 E	unmetered	\$751.84	\$228.22	\$980.06	\$865.85	\$0.00	\$865.85	(\$114.21)
Buekendal Building								
98764-43103 E	52762861	\$408.50	\$117.20	\$525.70	\$800.60	\$0.00	\$800.60	\$274.90
Bus Garage								
21964-48103 E	57529829	\$1,278.32	\$2,875.99	\$4,154.31	\$4,310.85	\$0.00	\$4,310.85	\$156.54
Bus Garage - Fuel Pump								
36580-96008 E	26989228	\$365.95	\$85.09	\$451.04	\$492.65	\$0.00	\$492.65	\$41.61
Concession Stand								
98764-55103 E	57720329	\$1,462.47	\$884.97	\$2,347.44	\$1,970.65	\$0.00	\$1,970.65	(\$376.79)
District Office								
81964-55104 E	25018341	\$3,925.32	\$2,617.29	\$6,542.61	\$7,636.35	\$0.00	\$7,636.35	\$1,093.74
Field House								
28930-84003 E	05542278	\$622.35	\$272.02	\$894.37	\$862.15	\$0.00	\$862.15	(\$32.22)
Glendaal Elem.								
03164-45100 E	25018601	\$6,760.91	\$8,797.43	\$15,558.34	\$20,236.30	\$0.00	\$20,236.30	\$4,677.96
Glen-Worden Elem.								
78201-33101 E	57529686	\$10,502.29	\$9,616.28	\$20,118.57	\$20,568.85	\$0.00	\$20,568.85	\$450.28
High School								
79164-47103 E	11134221	\$12,229.35	\$58,814.66	\$71,044.01	\$80,058.35	\$0.00	\$80,058.35	\$9,014.34
Lincoln Elem.								
68364-51100 E	57530876	\$2,057.17	\$7,629.27	\$9,686.44	\$14,780.00	\$0.00	\$14,780.00	\$5,093.56
Middle School								
79364-47109 E	11134219	\$2,037.43	\$43,866.66	\$45,904.09	\$80,058.35	\$0.00	\$80,058.35	\$34,154.26
Parking Lot Lighting								
56811-60006 E	30827317	\$545.32	\$219.01	\$764.33	\$1,724.35	\$0.00	\$1,724.35	\$960.02
Sacandaga Elem.								
53964-52104 E	41180049	\$6,773.31	\$11,026.62	\$17,799.93	\$21,554.15	\$0.00	\$21,554.15	\$3,754.22

New York School and Municipal Energy Consortium (NYSMEC)

Electric Summary Report

May 2022 - April 2023

Scotia-Glenville CSD

Account Number	Meter Number	Total Trans. Cost	Total Supplier Cost	Combined Total Cost	Total Installment Invoice Amount	Total Credit Invoice Amount	Total Revenue	Building Balance
Solar-2330 Watt St Unit G								
54410-18001 E	60862474	\$0.00	\$0.00	\$0.00	\$250.00	\$0.00	\$250.00	\$250.00
Solar-2839 Route 9								
57138-47007 E	25073437	\$0.00	\$0.00	\$0.00	\$250.00	\$0.00	\$250.00	\$250.00
Solar-462 Marcellis Ave								
61404-84006 E	25150319	\$0.00	\$0.00	\$0.00	\$250.00	\$0.00	\$250.00	\$250.00
Totals for Scotia-Glenville CSD		\$49,720.53	\$147,050.72	\$196,771.25	\$256,669.45	\$0.00	\$256,669.45	\$59,898.20

New York School and Municipal Energy Consortium (NYSMEC)

Natural Gas Summary Report

May 2022 - April 2023

Scotia-Glenville CSD

Account Number	Meter Number	Total Trans. Cost	Total Supplier Cost	Combined Total Cost	Total Installment Invoice Amount	Total Credit Invoice Amount	Total Revenue	Building Balance
Bus Garage								
21964-48103 G	01454853	\$1,558.34	\$1,107.20	\$2,665.54	\$3,315.00	\$0.00	\$3,315.00	\$649.46
District Office								
81964-55104 G	01033958	\$2,194.98	\$1,681.32	\$3,876.30	\$7,956.00	\$0.00	\$7,956.00	\$4,079.70
Field House								
28930-84003 G	19731407	\$1,141.52	\$611.49	\$1,753.01	\$1,547.00	\$0.00	\$1,547.00	(\$206.01)
Glen-Worden Elem.								
78201-33101 G	00148450	\$5,427.85	\$5,602.45	\$11,030.30	\$15,470.00	\$0.00	\$15,470.00	\$4,439.70
High School								
03480-61003 G	09502330	\$19,371.58	\$19,578.87	\$38,950.45	\$43,331.00	\$0.00	\$43,331.00	\$4,380.55
Lincoln Elem.								
68364-51100 G	02134806	\$7,199.20	\$8,584.80	\$15,784.00	\$17,411.00	\$0.00	\$17,411.00	\$1,627.00
Middle School								
05490-94000 G	09727227	\$8,661.28	\$10,745.55	\$19,406.83	\$26,520.00	\$0.00	\$26,520.00	\$7,113.17
Sacandaga Elem.								
53964-52104 G	01334166	\$7,098.39	\$7,508.87	\$14,607.26	\$16,354.00	\$0.00	\$16,354.00	\$1,746.74
Totals for Scotia-Glenville CSD		\$52,653.14	\$55,420.55	\$108,073.69	\$131,904.00	\$0.00	\$131,904.00	\$23,830.31