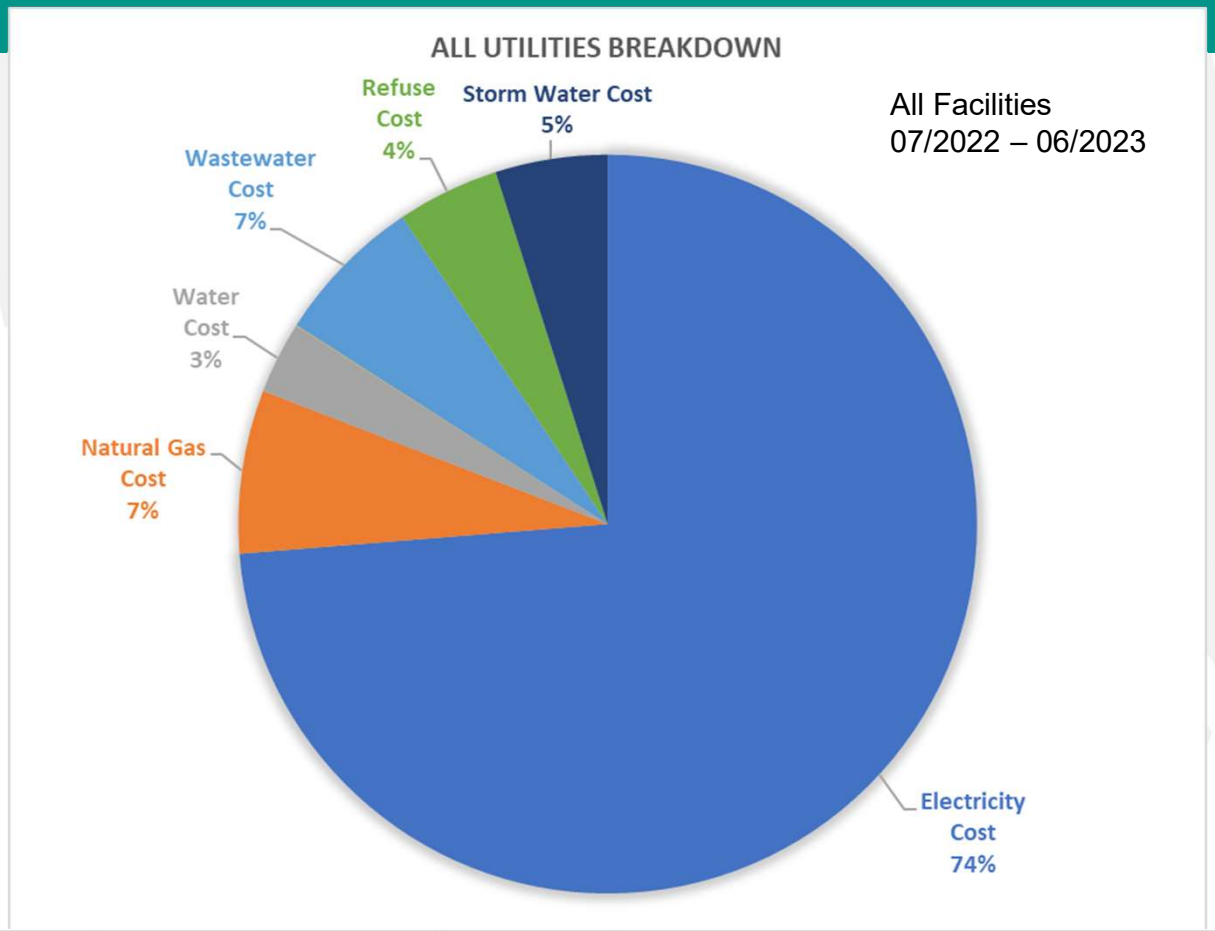
2022-2023 SY Energy Report

July 2022 – June 2023

By Kim Melander, Energy Manager

Report Date: November 2023

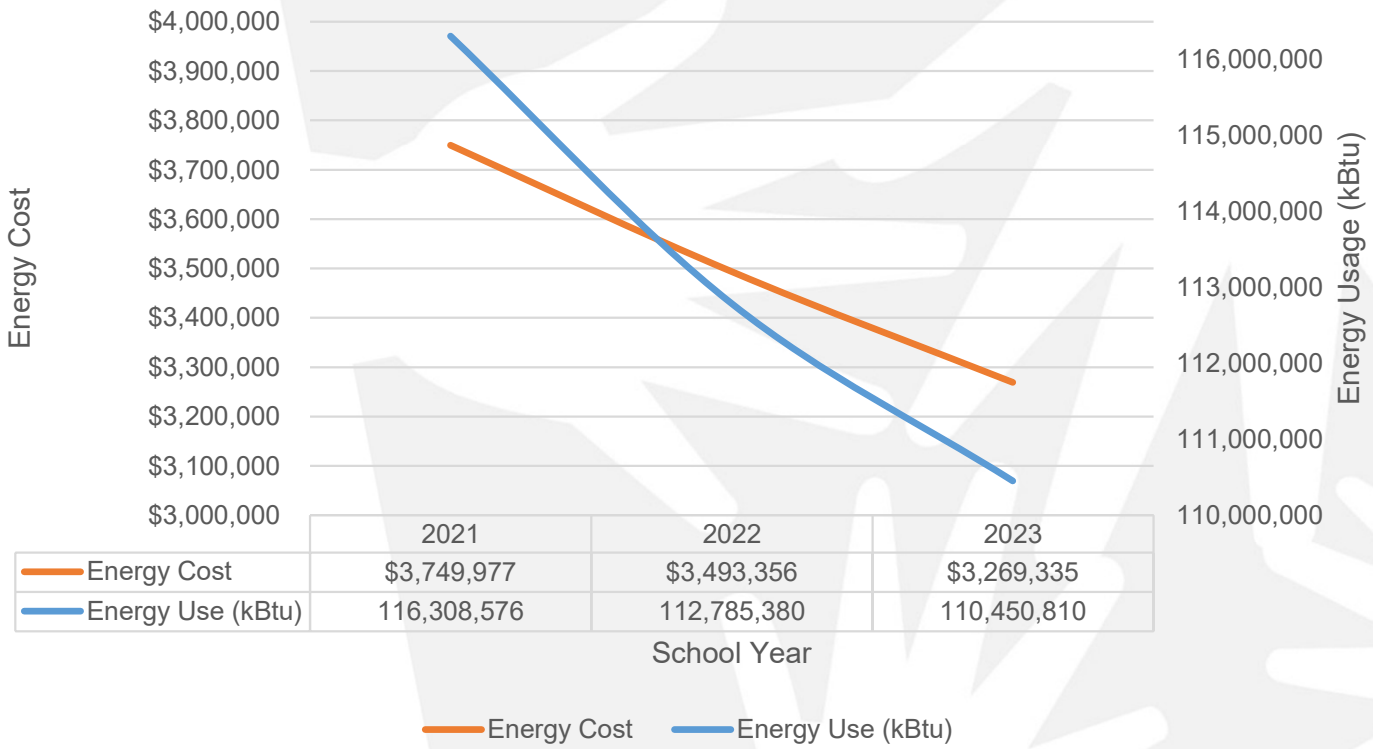


All Facilities
07/2022 – 06/2023

Electricity Cost	Natural Gas Cost	Water Cost	Irrigation Cost	Wastewater Cost	Refuse Cost	Storm Water Cost	Total Cost
$2,980,281	$289,054	$127,646	$896	$265,658	$180,924	$198,278	$4,042,737

ROCK HILL Schools

Rock Hill Schools Total Energy Use and Cost Comparison

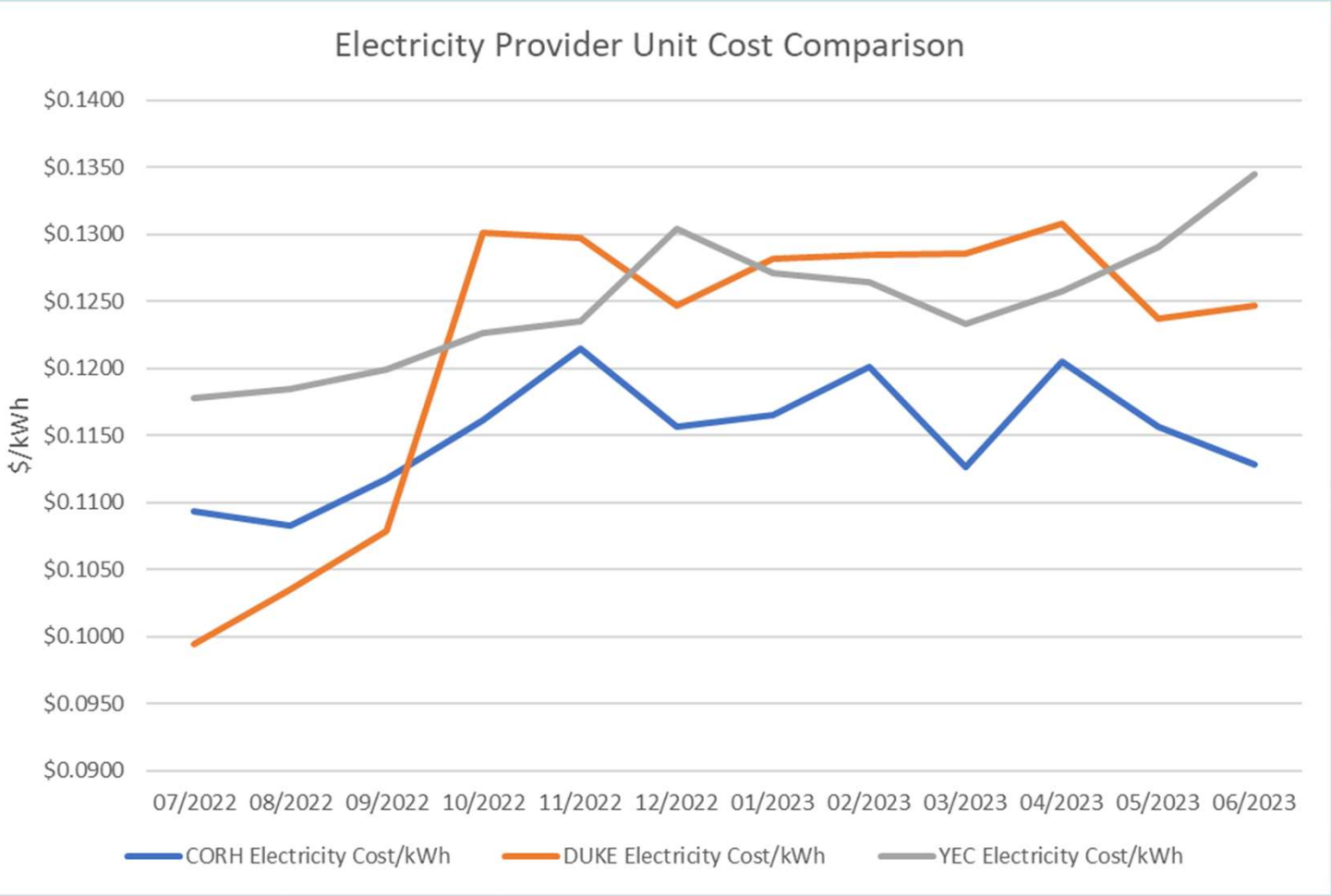


	2021	2022	2023
Energy Cost	$3,749,977	$3,493,356	$3,269,335
Energy Use (kBtu)	116,308,576	112,785,380	110,450,810

Our total energy usage for the 22/23 school year was 2% lower than the previous school year. Our energy costs were 6.4% less.

Definitions/Conversions:

- BTU = British Thermal Unit. A measure of the heat content of fuels or energy sources.
- KBTU – 1,000 BTU
- MBTU = 1,000,000 BTU



City of Rock Hill

- Applied Tech. Center
- Belleview ES
- Castle Heights MS
- Central Child
- Central Office
- Cherry Park ES
- Dist. 3 Stadium
- Dutchman Creek MS
- Ebenezer ES
- Ebinport ES
- Facilities Services
- Finley Road ES
- Flex Learning Center
- India Hook ES
- Northside ES
- Northwestern HS
- Old Pointe ES
- Rawlinson Road ES
- Richmond Dr ES
- Safety/Security Bldg.
- Sullivan MS
- Sunset Park ES
- Sylvia Circle
- Saluda Trail MS
- South Point HS
- Transportation
- York Road ES

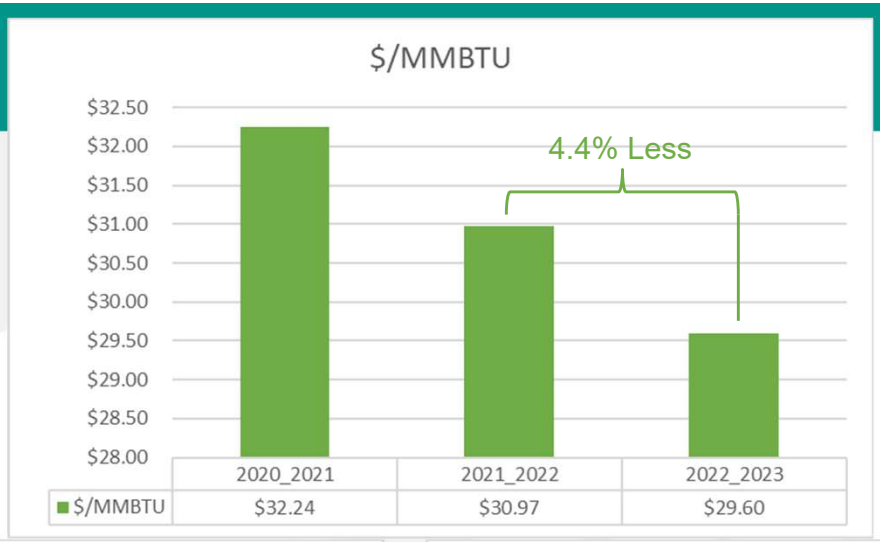
Duke Energy

- Carroll School
- Independence ES
- Lesslie ES
- Rock Hill HS

York Electric Cooperative

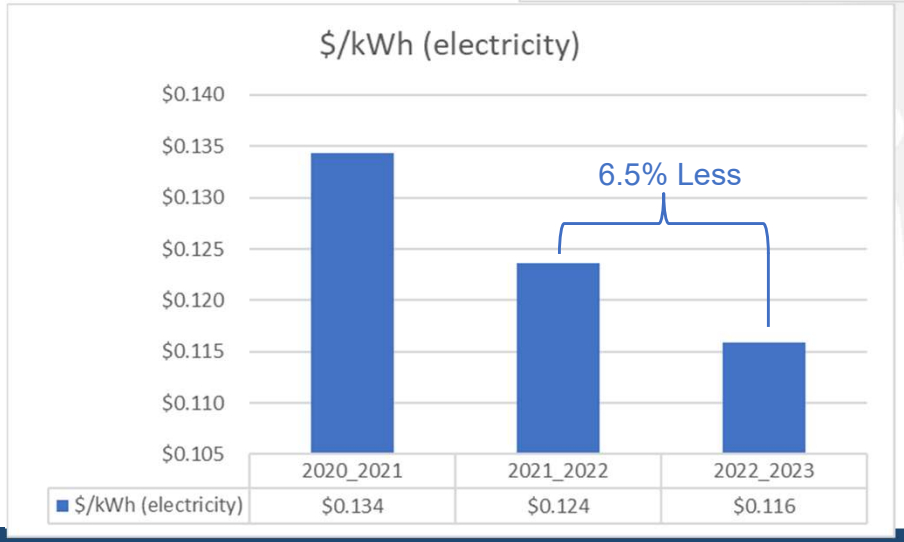
- Mount Gallant ES
- Mount Holly ES
- Oakdale ES

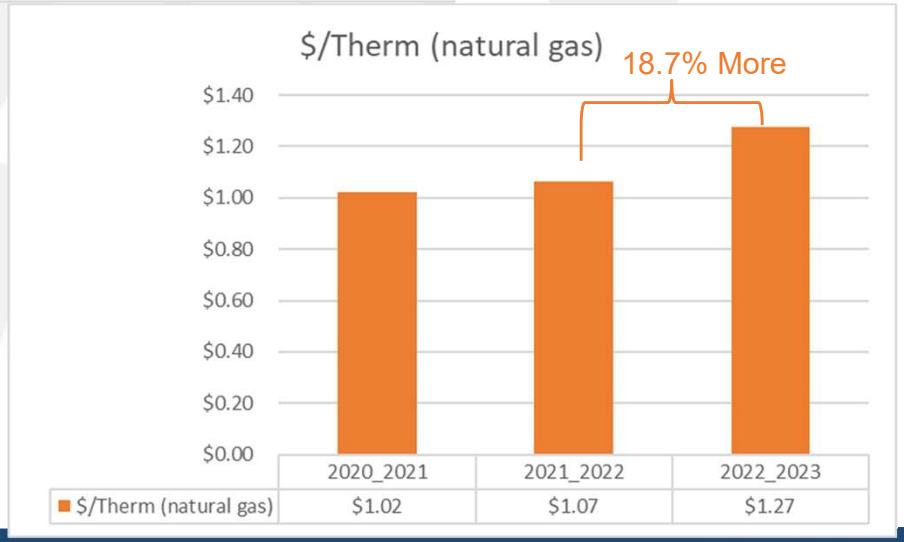
ROCK HILL Schools



Definitions:

- BTU = British Thermal Unit. A measure of heat content. 1 BTU is the amount of heat necessary to raise the temperature of 1 pound of water, 1 degree Fahrenheit.
- MMBTU = 1,000,000 BTU
- kWh = Kilowatt-hour. 1 kWh = 1000 Watthours. It is the measure of energy that a 1000-Watt light bulb would consume in 1 hour of time.
- Therm = measure of Natural Gas consumption. 1 Therm = 100,000 BTU of energy.



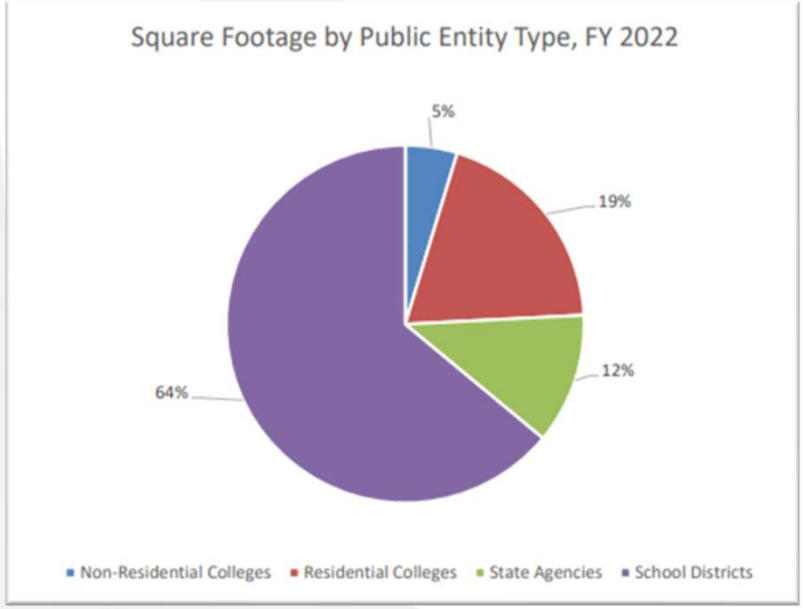


SC 2022 Annual Energy Report Data

Public Entities by Type	Average Energy Use per Square Foot (site kBtu)			Average Energy Spending per Square Foot ($)		
	FY 2000	FY 2022	% change	FY 2000	FY 2022	% change
State Agencies	113	76.64	-32%	$2.31	$1.82	-21%
Residential Colleges and Universities	143	112.87	-21%	$2.25	$1.92	-15%
Non-Residential Colleges and Universities	80	63.84	-20%	$2.01	$1.54	-23%
School Districts	45	35.40	-21%	$1.46	$1.10	-25%
Overall	**74**	**56.55**	**-24%**	**$1.77**	**$1.36**	**-23%**

Note: These statistics are based on self-reported data submitted by public entities. The Energy Office makes no representation regarding the accuracy of these data.

- Our energy use per square foot = 31.6 kBtu. This is 10.7% less than the reported SC State average for School Districts.
- Our energy cost per square foot is $0.94, which is 14.5% less than the reported State average.




ROCK HILL
Schools