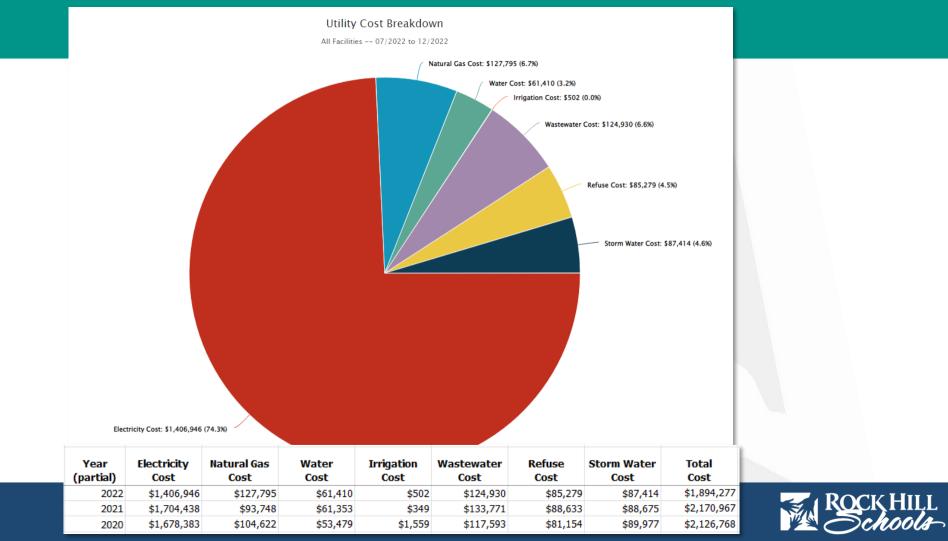
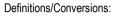
# SY 2021-2022, 1/2 Year Energy Report

## July 2022 – December 2022 By Kim Melander, Energy Manager 4/12/2023



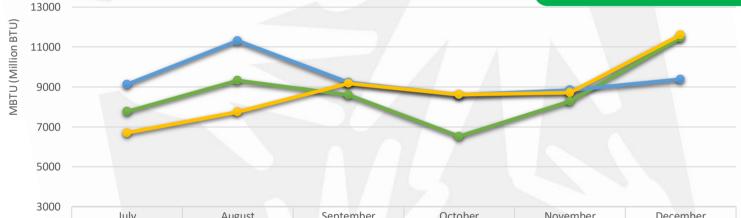


## Total Energy Usage (Electricity and Natural Gas Combined)



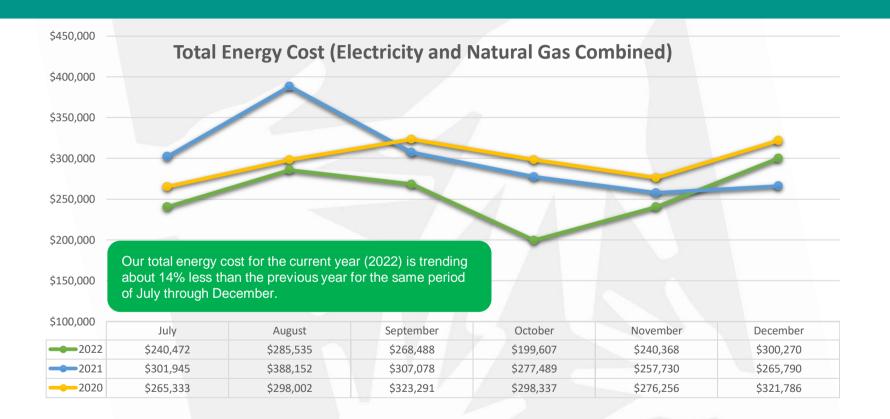
- BTU = British Thermal Unit. A measure of the heat content of fuels
   or energy sources.
- MBTU = 1,000,000 BTU

Our total energy usage for 2022 is trending about 8% lower than the previous year for the same period of July through December.



0000	July	August	September	October	November	December
	7762	9324	8605	6523	8270	11457
<b>—</b> 2021	9133	11315	9220	8597	8841	9377
	6709	7748	9170	8617	8715	11596







#### City of Rock Hill Accounts

#### Vendor Use & Cost Ranking Rock Hill District 3

City Of Rock Hill -- 7/2022 to 12/2022

Vendor	Electricity (kWh)	Electricity Cost	Electricity Cost/kWh
City Of Rock Hill	9,835,216	\$1,125,649	\$0.1145
Grand Total	9,835,216	\$1,125,649	\$0.1145

#### Vendor Use & Cost Ranking Rock Hill District 3 Duke Energy -- 7/2022 to 12/2022

Vendor	Electricity (kWh) Electricity	ectricity Cost	Electricity Cost/kWh
Duke Energy	1,535,195	\$169,427	\$0.1104
Grand Total	1,535,195	\$169,427	\$0.1104

#### Vendor Use & Cost Ranking

Rock Hill District 3

York Electric -- 7/2022 to 12/2022

Vendor	endor (kWh) Electricity Cost			
York Electric	919,668	\$111,870	\$0.1216	
Grand Total	919,668	\$111,870	\$0.1216	

Our average cost per kWh from the City of Rock Hill has decreased by 9.8% compared to the same period last year. This represents a \$122k reduction in cost.

Our average cost per kWh from Duke Energy has increased by 11.5% compared to the same period last year. This represents a \$17k increase in cost.

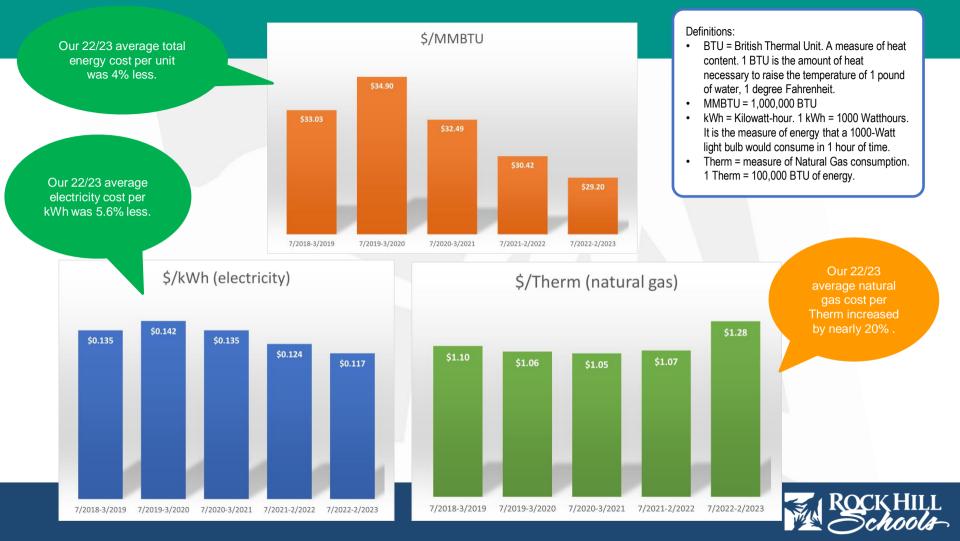
Our average cost per kWh from York Electric has increased by 0.6% compared to the same period last year. This represents a \$682 increase in cost.

om the City by 9.8% d last year. uction in om Duke 5% d last year. ase in cost.	<ul> <li>Cherry Park ES</li> <li>Dist. 3 Stadium</li> <li>Dutchman Creek MS</li> <li>Ebenezer ES</li> <li>Ebinport ES</li> </ul>	Rawlinson Road ES Richmond Dr ES Safety/Security Bldg. Sullivan MS Sunset Park ES Sylvia Circle
	Duke Energy	Accounts
om York 6% compared	Carroll School     Independence ES     Lesslie ES     Rock Hill HS	

#### York Electric Cooperative Accounts

- Mount Gallant ES
- Mount Holly ES
- Oakdale ES





### SC 2022 Annual Energy Report Data

Public Entities by Type	Average Energy Use per Square Foot (site kBtu)			Average Energy Spending per Square Foot (\$)		
~y . ypc	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 = 31.2 kBTU. This is 12% less than the reported SC State average for School Districts.
- Our energy cost per square foot is \$0.96, which is 13% less than the reported State average.

