

**WOODFORD COUNTY BOARD OF EDUCATION
AGENDA ITEM**

ITEM #: XII C DATE: September 11, 2019

TOPIC/TITLE: Energy Management Report

PRESENTER: Amy Smith

ORIGIN:

- ☒ TOPIC PRESENTED FOR INFORMATION ONLY (No board action required.)
- ☐ ACTION REQUESTED AT THIS MEETING
- ☐ ITEM IS ON THE CONSENT AGENDA FOR APPROVAL
- ☐ ACTION REQUESTED AT FUTURE MEETING: (DATE)
- ☐ BOARD REVIEW REQUIRED BY

- ☐ STATE OR FEDERAL LAW OR REGULATION
- ☐ BOARD OF EDUCATION POLICY
- ☐ OTHER:

PREVIOUS REVIEW, DISCUSSION OR ACTION:

- ☐ NO PREVIOUS BOARD REVIEW, DISCUSSION OR ACTION
- ☐ PREVIOUS REVIEW OR ACTION

- ☐ DATE:
- ☐ ACTION:

BACKGROUND INFORMATION:

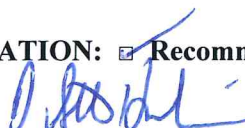
SUMMARY OF MAJOR ELEMENTS:

Updated Energy Management Plan Report.

IMPACT ON RESOURCES:

TIMETABLE FOR FURTHER REVIEW OR ACTION:

SUPERINTENDENT'S RECOMMENDATION: ☒ Recommended ☐ Not Recommended





Woodford County Schools Energy Management Package

August 2019

Energy Management Avoided Costs Summary

Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$147,299	\$147,299
Rate Change Savings Current Year		\$8,517	\$8,517
Consumption Savings Prior Years		\$1,794,103	\$1,494,103
Consumption Savings Current Year		\$55,126	\$55,126
Energy Projects Prior Years	\$51,268		\$51,268
Energy Projects Current Year	\$0		\$0
Total	\$51,268	\$2,005,045	\$2,056,313

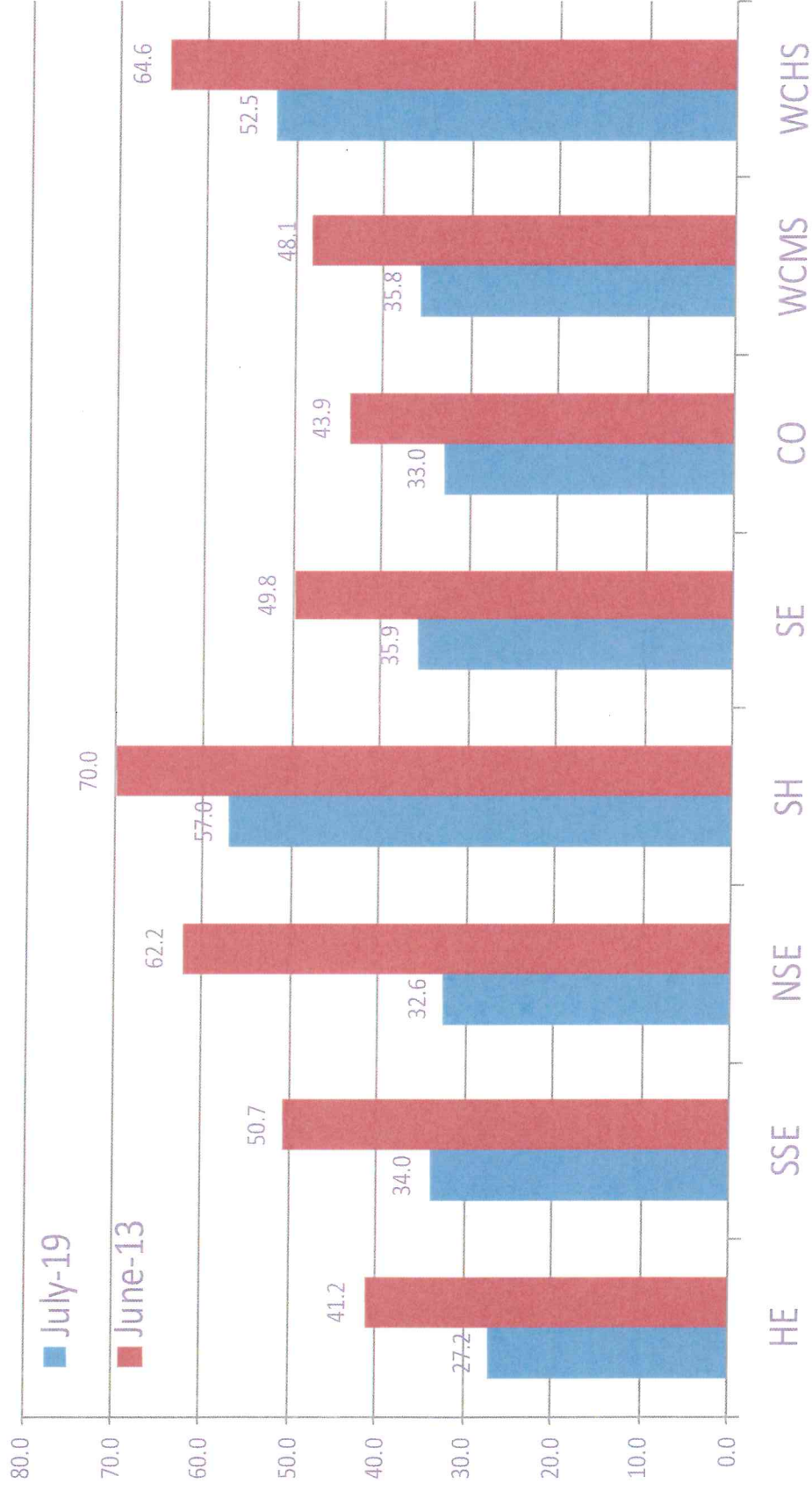
Woodford County Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) July-19	Rating (1-100) June-13	Energy Use kbtu/sq ft July-19	Energy Use kbtu/sq ft June-13	Change From Baseline
Huntertown Elementary	86	49	27.2	41.2	-34.0%
Southside Elementary	76	34	34.0	50.7	-32.9%
Northside Elementary	76	20	32.6	62.2	-47.6%
Safe Harbor	78	47	57.0	70.0	-18.6%
Simmons Elementary	65	31	35.9	49.8	-27.9%
Central Office	71	50	33.0	43.9	-24.8%
Woodford County Middle School	76	47	35.8	48.1	-25.6%
Woodford County High School	69	45	52.5	64.6	-18.7%
Group Total	74	41	39.4	53.2	-25.9%

Woodford County Energy Star Portfolio Manager Rating



Woodford County EUI (kbtu/sq.ft/)





Woodford County Schools Energy Management Report August 2019

School Facility	August					2018 - 2019 YTD Results				
	2018 Actual Kwh	2019 Actual Kwh	% Reduction	Position	\$ Cost Change	2018-19 Actual Kwh	2019-20 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
WCHS	184,388	178,780	3.0%	4	-\$635	332,120	322,653	2.9%	5	-\$1,060
WCMS	92,160	87,120	5.5%	3	-\$571	197,040	189,840	3.7%	4	-\$806
Huntertown	44,000	44,600	-1.4%	5	\$68	84,600	81,000	4.3%	3	-\$403
Northside	48,160	40,960	15.0%	1	-\$815	90,160	79,520	11.8%	1	-\$1,191
Simmons	55,800	63,600	-14.0%	8	\$883	106,920	104,640	2.1%	6	-\$255
Southside	44,868	46,610	-3.9%	6	\$197	88,075	90,245	-2.5%	8	\$243
Central Office	12,060	12,600	-4.5%	7	\$61	26,100	26,640	-2.1%	7	\$60
Bus Garage	7,871	6,991	11.2%	2	-\$100	16,488	15,154	8.1%	2	-\$149
Adult Education	1	3,982			\$451	2	10,117			\$1,132
Safe Harbor	7,253	9,036	-24.6%	9	\$202	14,568	15,982	-9.7%	9	\$158
Total	496,561	494,279	0.5%		-\$258	956,073	935,791	2.1%		-\$2,270

