

Estill County Schools Energy Management Measurement Package



February 2023

Energy Management Avoided Costs Summary

Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$33,716	\$33,716
Rate Change Savings Current Year		\$4,019	\$4,019
Consumption Savings Prior Years		\$1,573,179	\$1,573,179
Consumption Savings Current Year		\$274,759	\$274,759
Energy Projects Prior Years	\$25,152		\$25,152
Energy Projects Current Year			\$0
Total	\$25,152	\$1,885,674	\$1,910,826
Total Cumulative Savings	\$1,204,577		

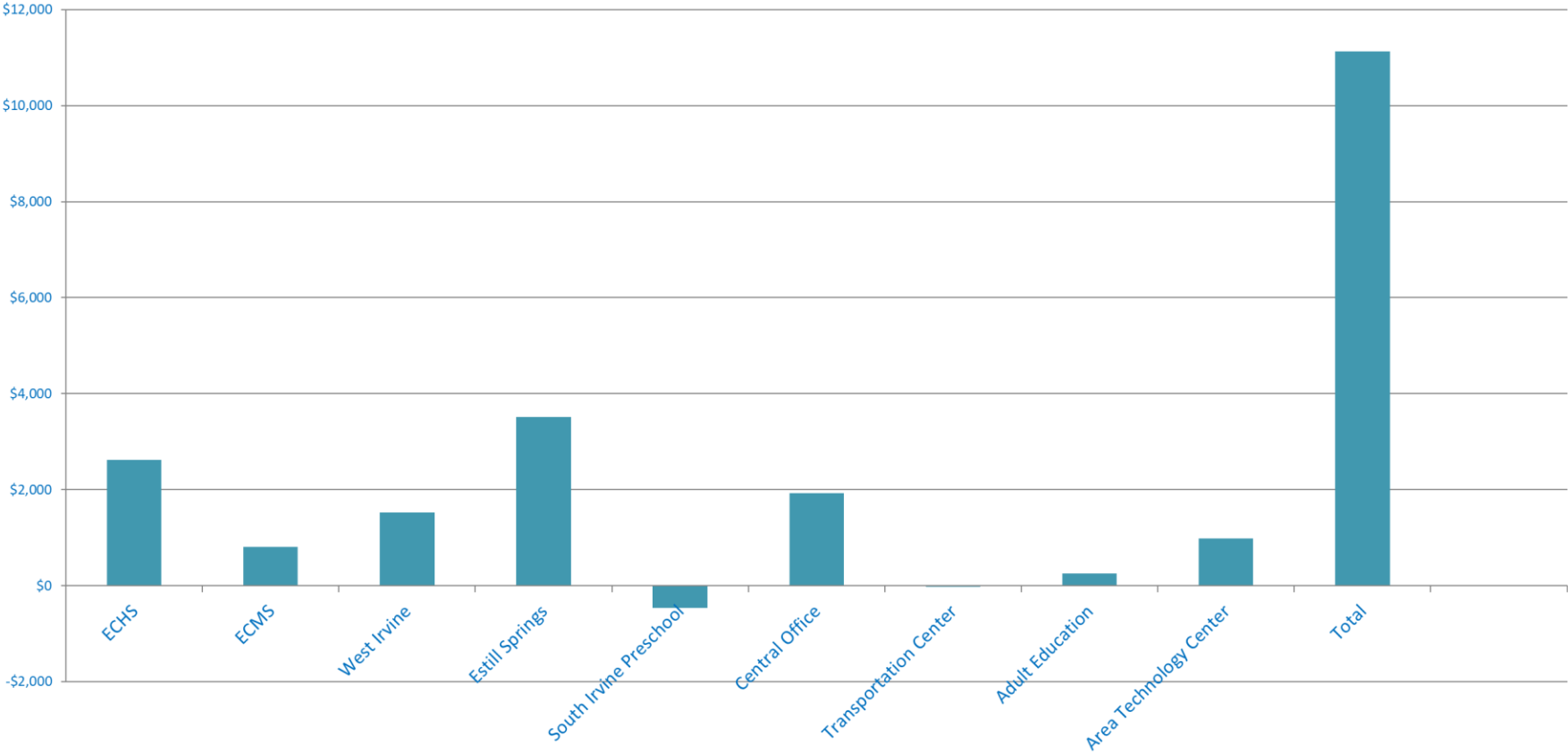


Estill County Schools Energy Management Report February 2023

School Facility	February-23					2022 - 2023 YTD Results				
	2022 Actual Kwh	2023 Actual Kwh	% Reduction	Position	\$ Cost Change	2021-2022 Actual Kwh	2022-2023 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECMS	73,200	74,960	-2.4%	5	\$199	502,240	508,800	-1.3%	3	\$803
West Irvine	57,760	51,840	10.2%	1	-\$669	424,840	437,310	-2.9%	4	\$1,526
Estill Springs	32,776	26,400	19.5%	4	-\$721	185,969	214,666	-15.4%	8	\$3,511
South Irvine Preschool	25,403	22,860	10.0%	2	-\$288	193,997	190,179	2.0%	1	-\$467
Central Office	52,718	40,520	23.1%	3	-\$1,379	161,867	177,615	-9.7%	7	\$1,927
Transportation Center	7,058	4,141	41.3%	8	-\$330	31,045	30,827	0.7%	2	-\$27
Adult Education	455	676	-48.6%	9	\$25	3,364	5,420	-61.1%	9	\$252
Area Technology Center	32,800	28,600	12.8%	6	-\$475	193,000	201,000	-4.1%	6	\$979
Total	328,062	363,767	-10.9%		\$4,037	2,390,365	2,481,299	-3.8%		\$11,126

Electrical Energy Cost Comparison to Last Year

Jul 2022 - Feb 2023 \$ Cost Change

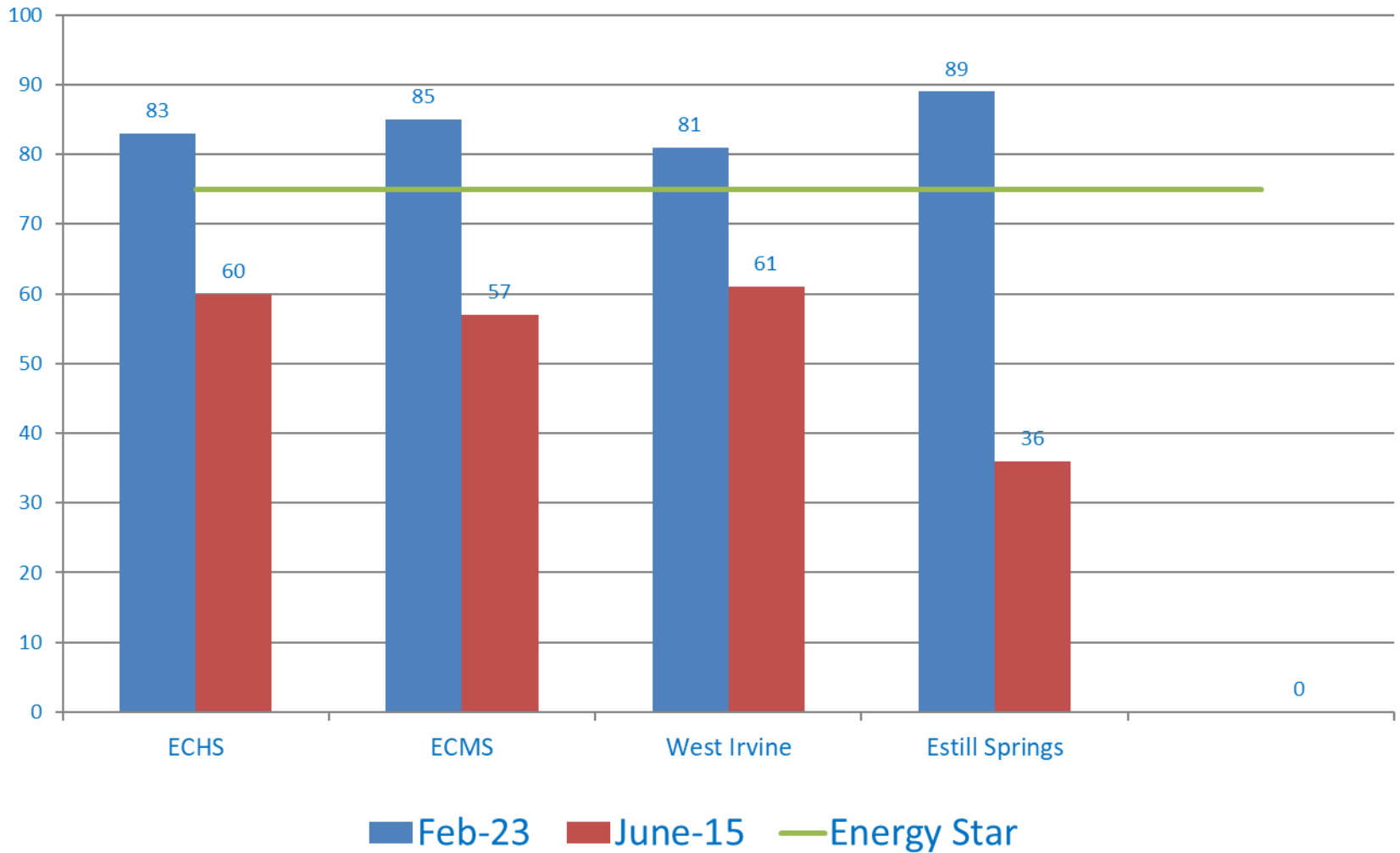


Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

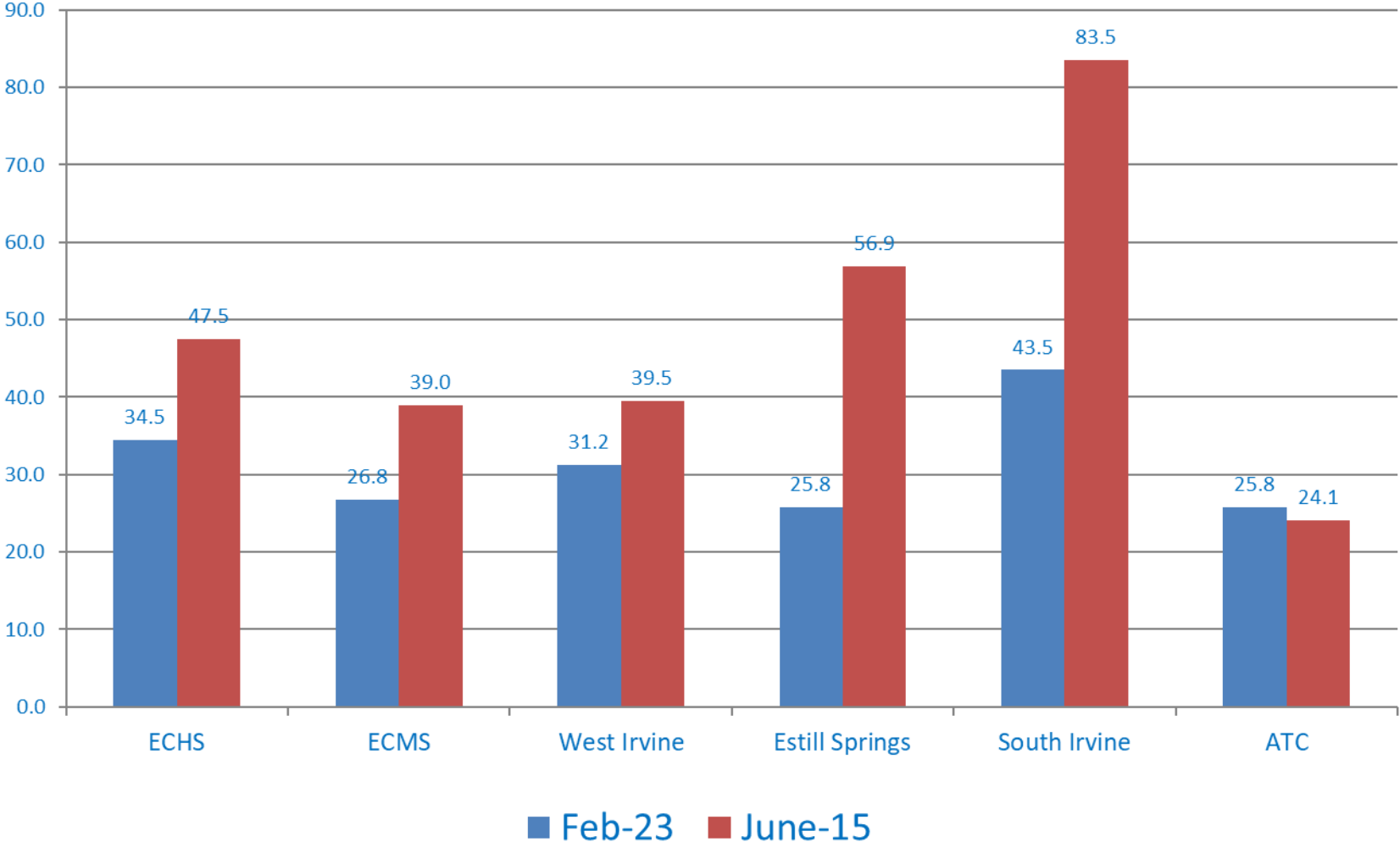
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Feb-23	Rating (1-100) June-15	Energy Use kbtu/sq ft Feb-23	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	83	60	34.5	47.5	-27.4%
Estill County Middle School	85	57	26.8	39.0	-31.3%
West Irvine Elementary	81	61	31.2	39.5	-21.0%
Estill Springs Elementary	89	36	25.8	56.9	-54.7%
South Irvine P/K Center	N/A	N/A	43.5	83.5	-47.9%
Area Technology Center	N/A	N/A	25.8	24.1	7.1%
Total	84	53	29.9	47.7	-37.3%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

