

Estill County Schools Energy Management Measurement Package



April 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		\$5,527	\$5,527
Consumption Savings Prior Years		\$1,573,179	\$1,573,179
Consumption Savings Current Year		\$356,376	\$356,376
Energy Projects Prior Years	\$25,152		\$25,152
Energy Projects Current Year			\$0
Total	\$25,152	\$1,968,798	\$1,993,950
Total Cumulative Savings	\$1,286,194		

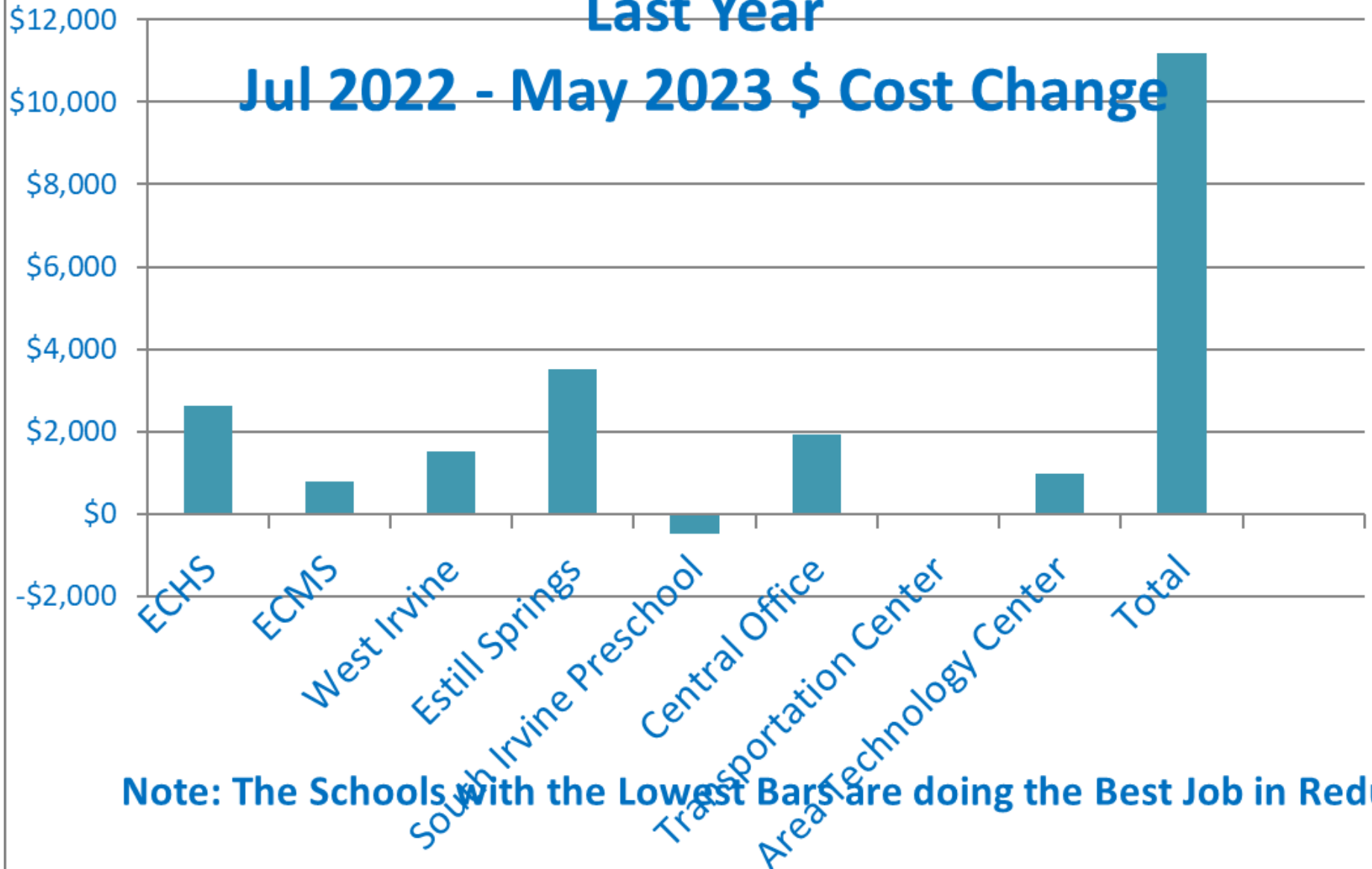


Estill County Schools Energy Management Report May 2023

School Facility	May-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
ECHS	57,315	118,756	-107.2%	7	\$7,683	694,043	715,482	-3.1%	5	\$2,635
ECMS	61,760	66,160	-7.1%	5	\$550	502,240	508,800	-1.3%	3	\$806
West Irvine	55,040	58,880	-7.0%	1	\$480	424,840	437,310	-2.9%	4	\$1,532
Estill Springs	24,810	30,467	-22.8%	4	\$707	185,969	214,666	-15.4%	8	\$3,526
South Irvine Preschool	21,069	24,439	-16.0%	2	\$421	193,997	190,179	2.0%	1	-\$469
Central Office	16,754	19,135	-14.2%	3	\$298	161,867	177,615	-9.7%	7	\$1,935
Transportation Center	3,252	3,177	2.3%	8	-\$9	31,045	30,827	0.7%	2	-\$27
Area Technology Center	18,600	17,800	4.3%	6	-\$100	193,000	201,000	-4.1%	6	\$983
Total	195,417	338,814	-73.4%		\$17,931	2,390,365	2,481,299	-3.8%		\$11,174

Electrical Energy Cost Comparison to Last Year

Jul 2022 - May 2023 \$ Cost Change

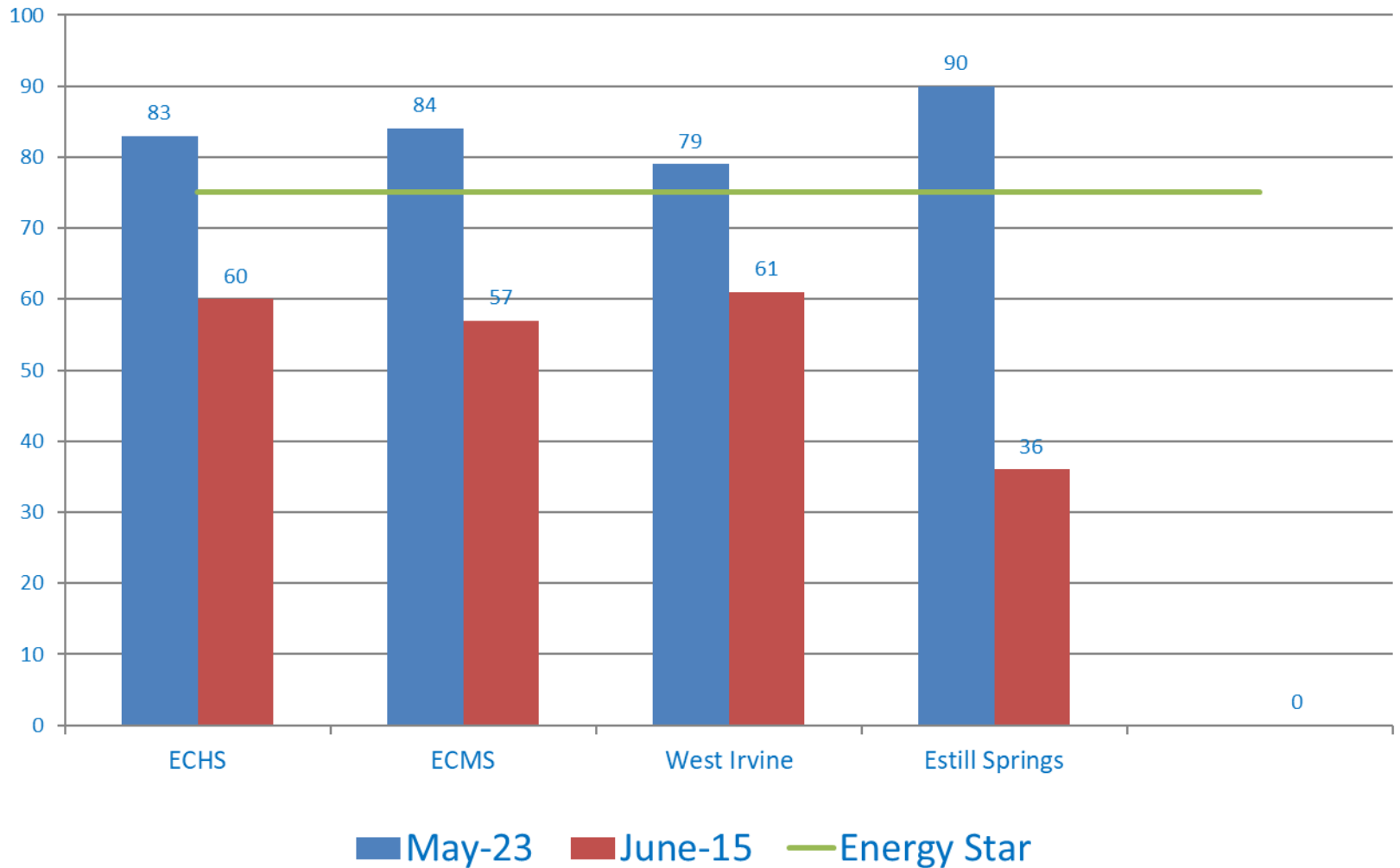


Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

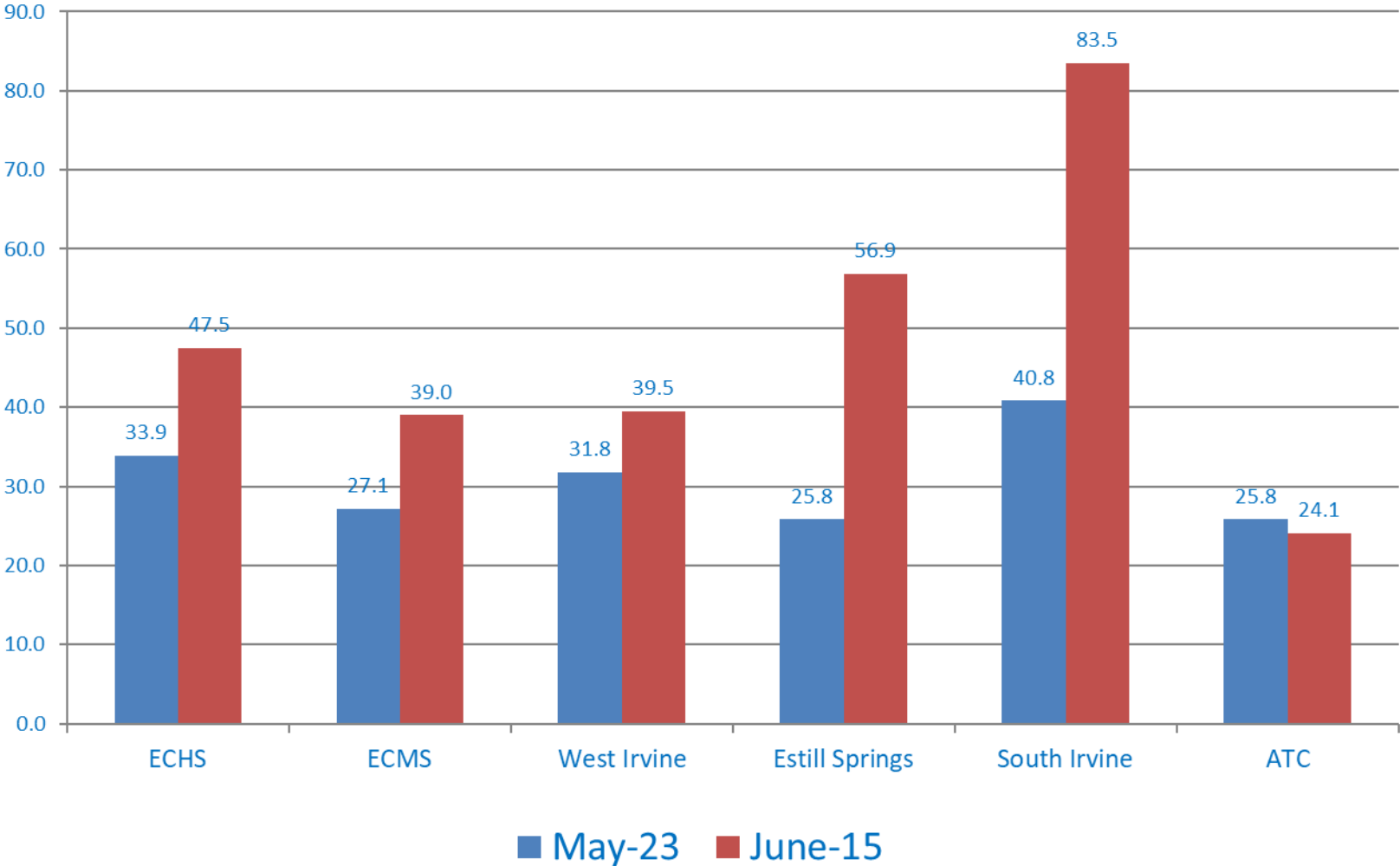
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) May-23	Rating (1-100) June-15	Energy Use kbtu/sq ft May-23	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	83	60	33.9	47.5	-28.6%
Estill County Middle School	84	57	27.1	39.0	-30.5%
West Irvine Elementary	79	61	31.8	39.5	-19.5%
Estill Springs Elementary	90	36	25.8	56.9	-54.7%
South Irvine P/K Center	N/A	N/A	40.8	83.5	-51.1%
Area Technology Center	N/A	N/A	25.8	24.1	7.1%
Total	83	53	29.9	47.7	-37.3%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

