

Estill County Schools Energy Management Measurement Package



March 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		\$4,522	\$4,522
Consumption Savings Prior Years		\$1,573,179	\$1,573,179
Consumption Savings Current Year		\$310,356	\$310,356
Energy Projects Prior Years	\$25,152		\$25,152
Energy Projects Current Year			\$0
Total	\$25,152	\$1,921,773	\$1,946,925
Total Cumulative Savings		\$1,240,174	



Estill County Schools

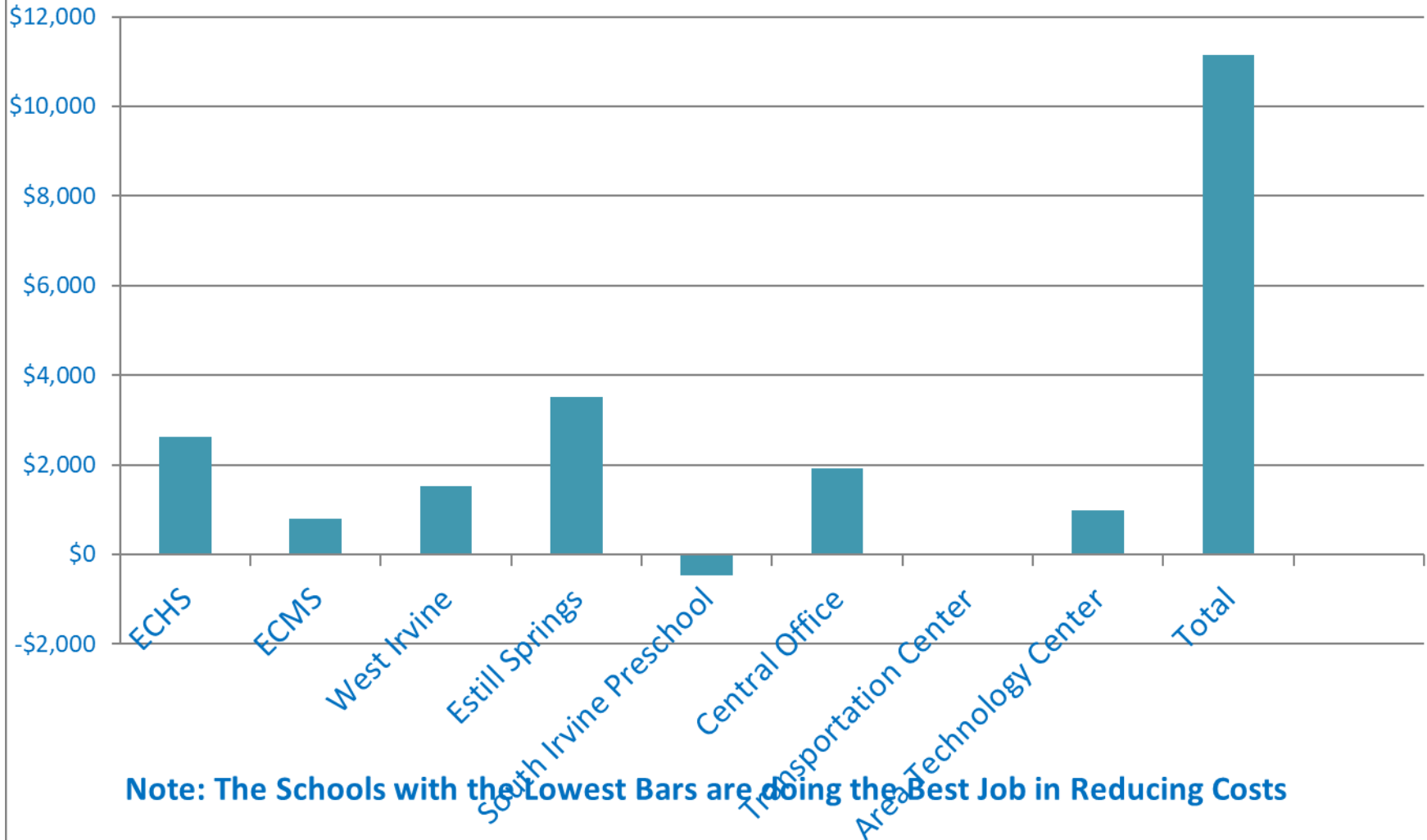
Energy Management Report

March 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
ECHS	106,246	117,640	-10.7%	7	\$1,426	694,043	715,482	-3.1%	5	\$2,630
ECMS	73,040	92,240	-26.3%	5	\$2,403	502,240	508,800	-1.3%	3	\$805
West Irvine	56,640	58,080	-2.5%	1	\$180	424,840	437,310	-2.9%	4	\$1,530
Estill Springs	30,156	25,200	16.4%	4	-\$620	185,969	214,666	-15.4%	8	\$3,520
South Irvine Preschool	22,780	19,604	13.9%	2	-\$397	193,997	190,179	2.0%	1	-\$468
Central Office	38,438	30,100	21.7%	3	-\$1,043	161,867	177,615	-9.7%	7	\$1,932
Transportation Center	5,217	3,941	24.5%	8	-\$160	31,045	30,827	0.7%	2	-\$27
Area Technology Center	27,200	31,000	-14.0%	6	\$476	193,000	201,000	-4.1%	6	\$981
Total	289,295	377,805	-30.6%		\$11,077	2,390,365	2,481,299	-3.8%		\$11,156

Electrical Energy Cost Comparison to Last Year

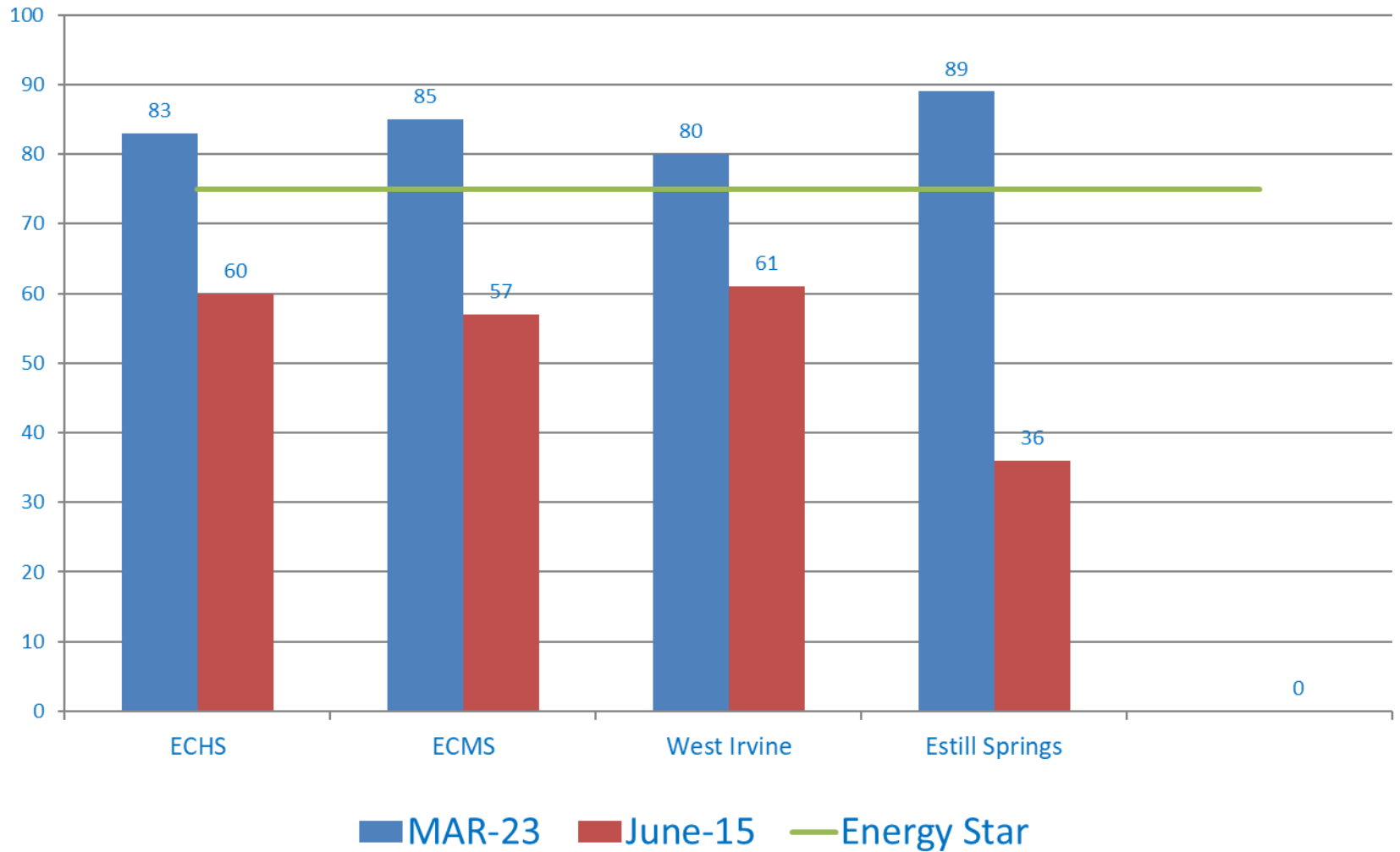
Jul 2022 - Mar 2023 \$ Cost Change



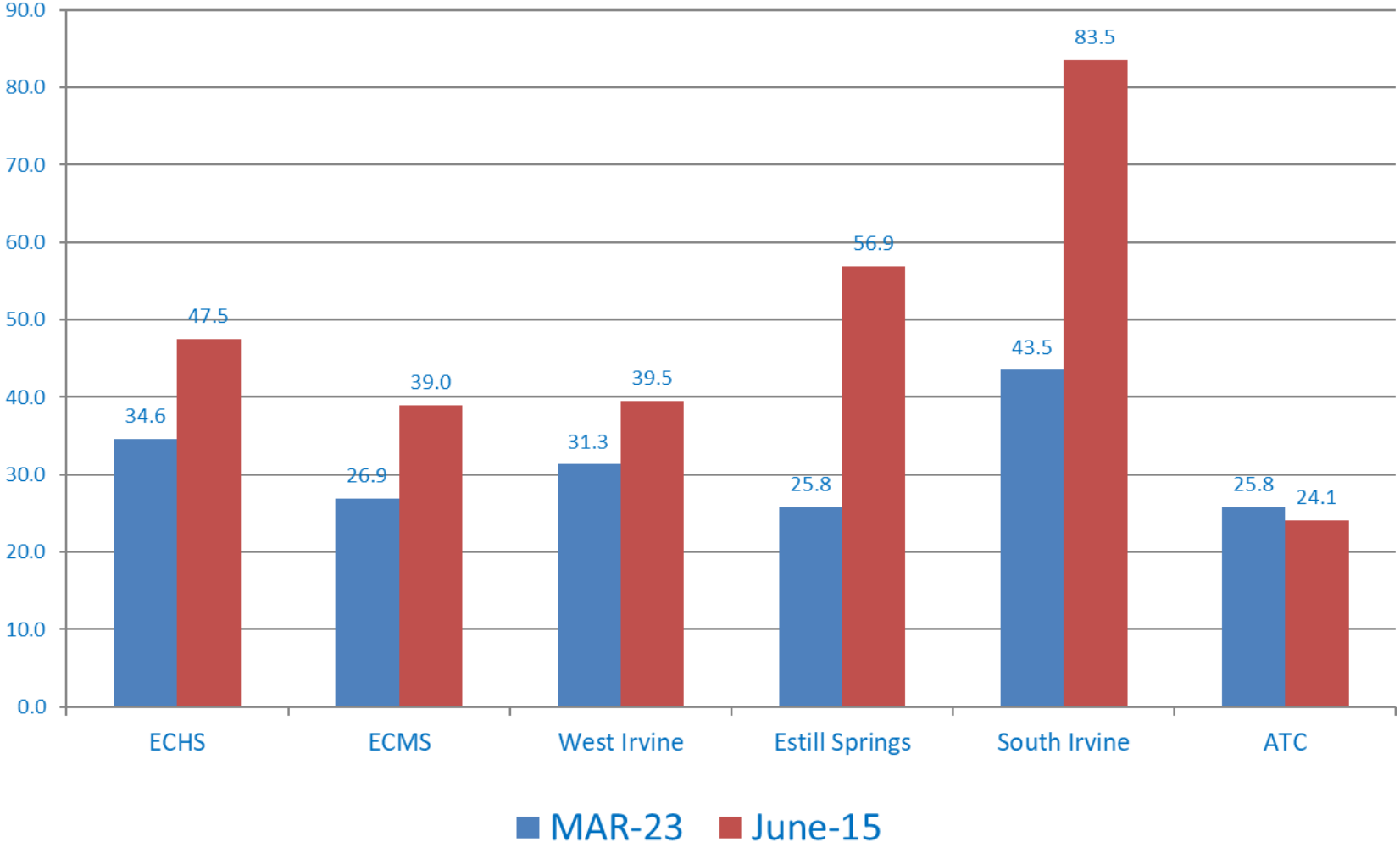
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) MAR-23	Rating (1-100) June-15	Energy Use kbtu/sq ft MAR-23	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	83	60	34.6	47.5	-27.2%
Estill County Middle School	85	57	26.9	39.0	-31.0%
West Irvine Elementary	80	61	31.3	39.5	-20.8%
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

