

Estill County Schools Energy Management Measurement Package



December 2022

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		\$3,015	\$3,015
Consumption Savings Prior Years		\$1,573,179	\$1,573,179
Consumption Savings Current Year		\$176,189	\$176,189
Energy Projects Prior Years	\$25,152		\$25,152
Energy Projects Current Year			\$0
Total	\$25,152	\$1,786,099	\$1,811,251
Total Cumulative Savings	\$1,106,007		



Estill County Schools

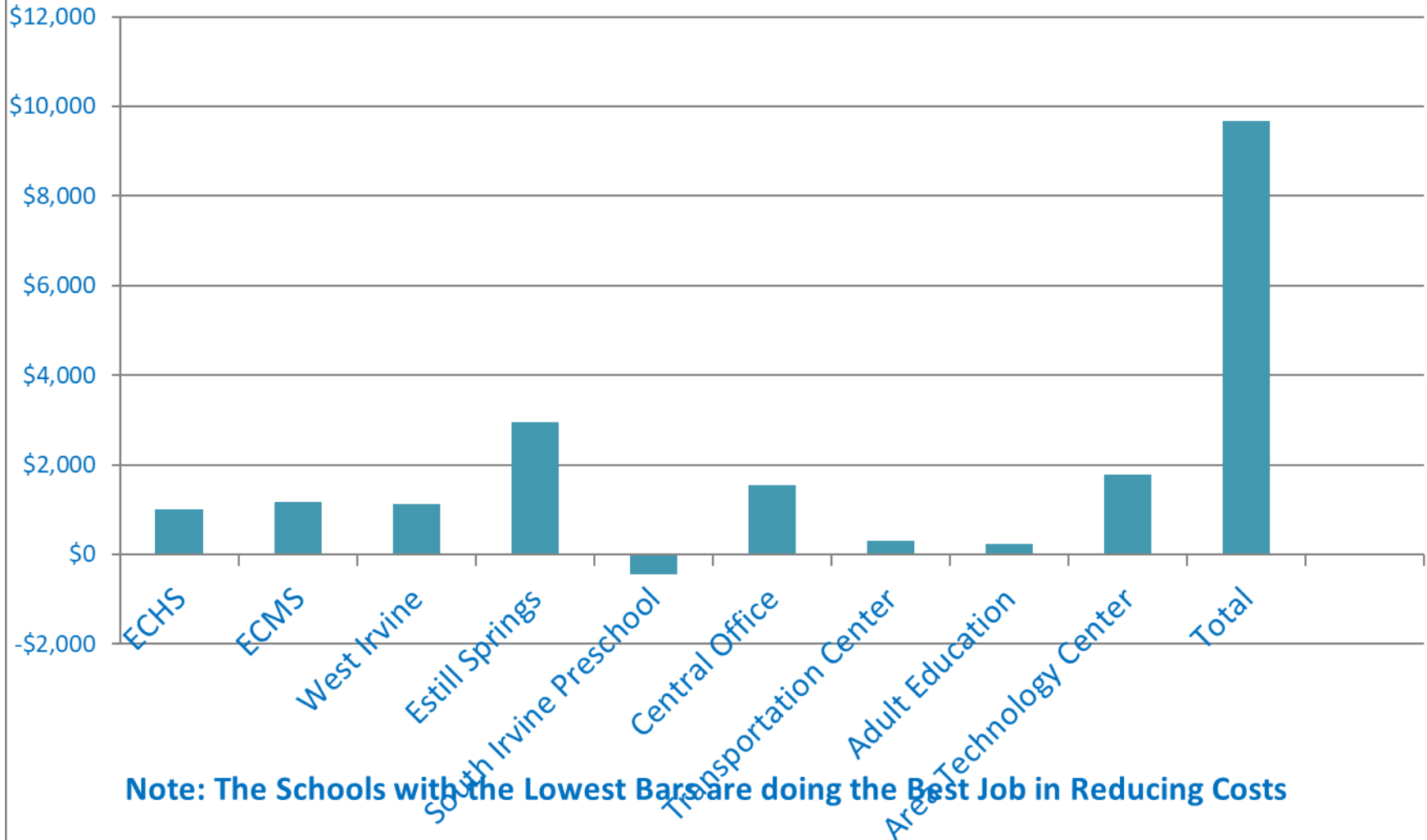
Energy Management Report

December 2022

School Facility	December-22					2022 - 2023 YTD Results				
	2021 Actual Kwh	2022 Actual Kwh	% Reduction	Position	\$ Cost Change	2021-2022 Actual Kwh	2022-2023 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECMS	58,640	68,960	-17.6%	5	\$1,343	427,280	436,640	-2.2%	3	\$1,166
West Irvine	68,000	62,270	8.4%	1	-\$746	369,480	378,430	-2.4%	4	\$1,115
Estill Springs	30,730	35,040	-14.0%	4	\$561	157,755	181,522	-15.1%	8	\$2,961
South Irvine Preschool	26,108	24,761	5.2%	2	-\$175	169,063	165,477	2.1%	1	-\$447
Central Office	33,343	36,520	-9.5%	3	\$413	120,398	132,875	-10.4%	6	\$1,554
Transportation Center	4,040	5,982	-48.1%	8	\$253	22,240	24,766	-11.4%	7	\$315
Adult Education	390	611	-56.7%	9	\$29	3,032	4,871	-60.7%	9	\$229
Area Technology Center	30,000	35,600	-18.7%	6	\$729	151,000	165,200	-9.4%	5	\$1,769
Total	348,226	395,204	-13.5%		\$6,114	2,006,225	2,083,843	-3.9%		\$9,668

Electrical Energy Cost Comparison to Last Year

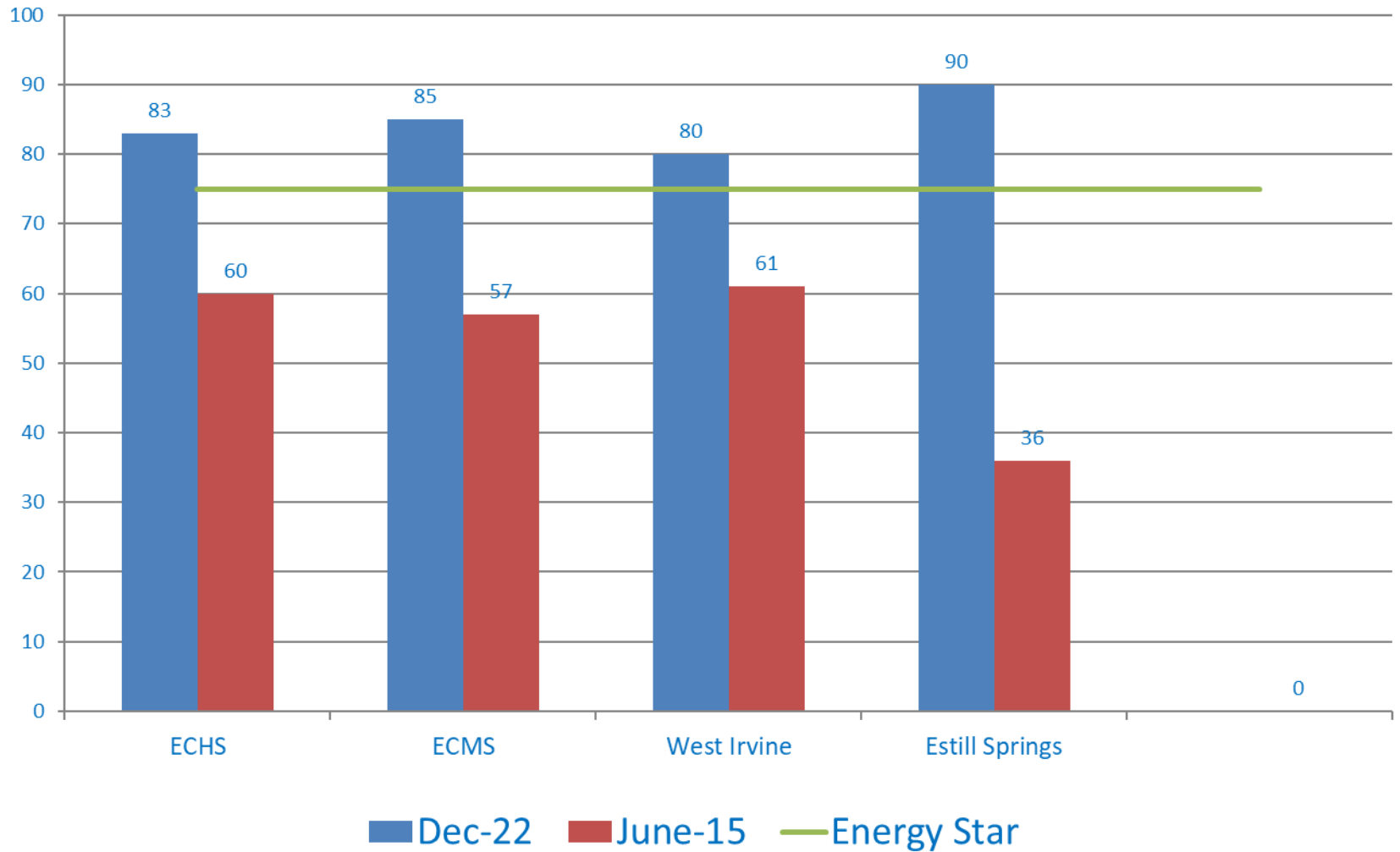
Jul 2022 - Dec 2022 \$ Cost Change



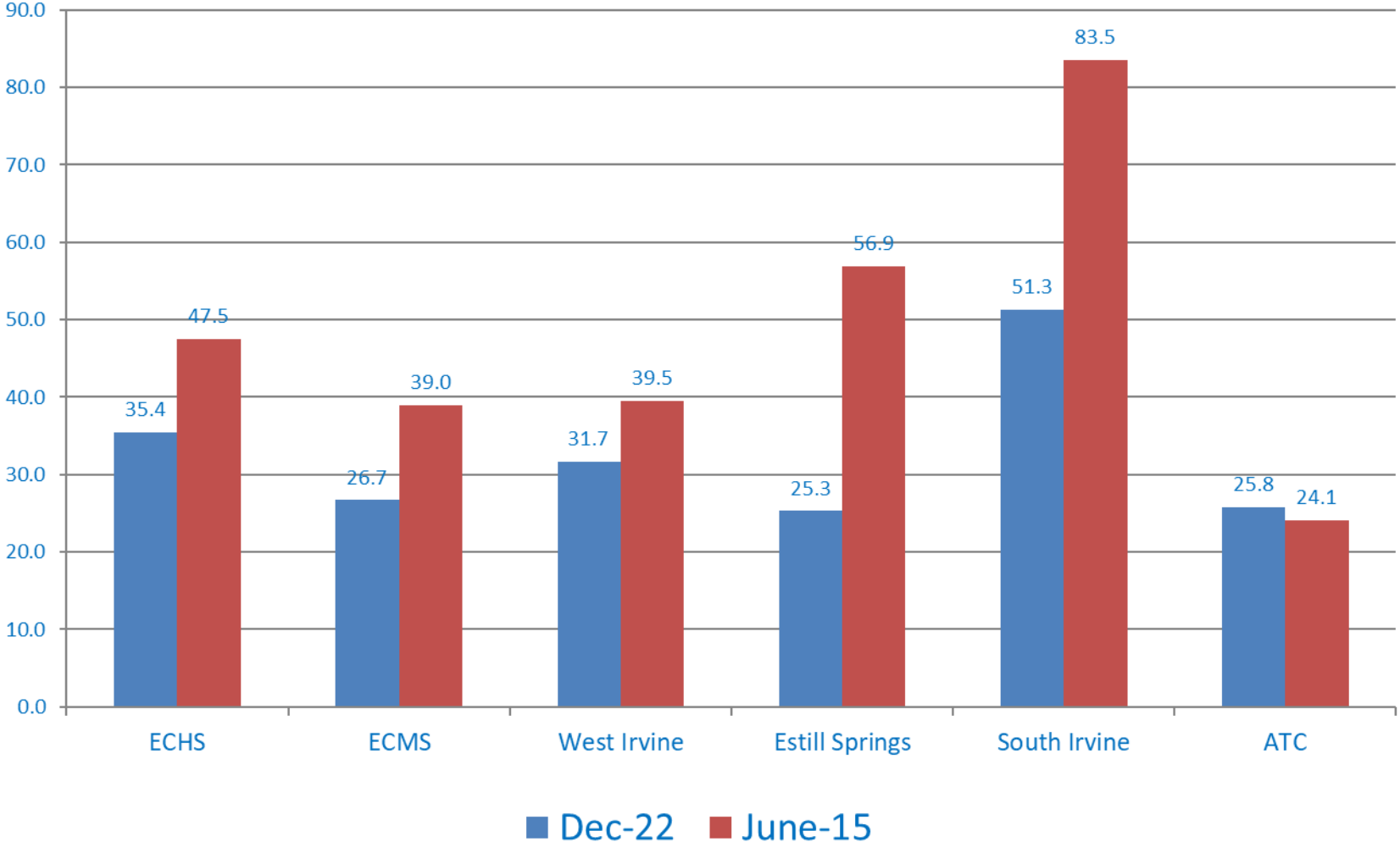
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Dec-22	Rating (1-100) June-15	Energy Use kbtu/sq ft Dec-22	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	83	60	35.4	47.5	-25.5%
Estill County Middle School	85	57	26.7	39.0	-31.5%
West Irvine Elementary	80	61	31.7	39.5	-19.7%
Estill Springs Elementary	90	36	25.3	56.9	-55.5%
South Irvine P/K Center	N/A	N/A	51.3	83.5	-38.6%
Area Technology Center	N/A	N/A	25.8	24.1	7.1%
Total	84	53	30.2	47.7	-36.7%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

