

Estill County Schools Energy Management Measurement Package



January 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		\$3,517	\$3,517
Consumption Savings Prior Years		\$1,573,179	\$1,573,179
Consumption Savings Current Year		\$224,016	\$224,016
Energy Projects Prior Years	\$25,152		\$25,152
Energy Projects Current Year			\$0
Total	\$25,152	\$1,834,428	\$1,859,580
Total Cumulative Savings	\$1,153,834		



Estill County Schools

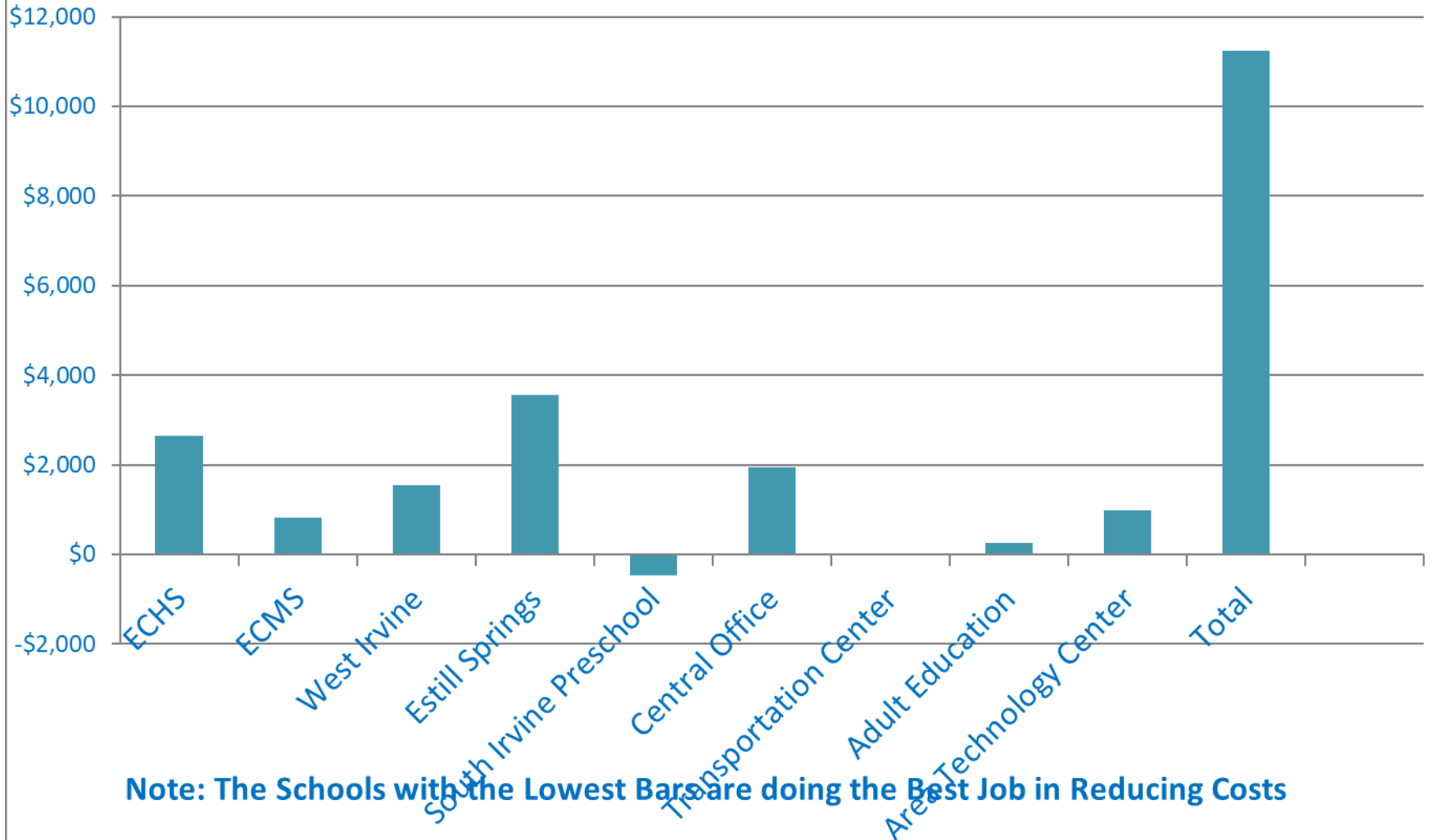
Energy Management Report

January 2023

School Facility	January-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	74,960	72,160	3.7%	5	-\$334	502,240	508,800	-1.3%	3	\$812
West Irvine	55,360	58,880	-6.4%	1	\$419	424,840	437,310	-2.9%	4	\$1,543
Estill Springs	28,214	33,144	-17.5%	4	\$588	185,969	214,666	-15.4%	8	\$3,551
South Irvine Preschool	24,934	24,702	0.9%	2	-\$28	193,997	190,179	2.0%	1	-\$472
Central Office	41,469	44,740	-7.9%	3	\$390	161,867	177,615	-9.7%	7	\$1,949
Transportation Center	8,805	6,061	31.2%	8	-\$327	31,045	30,827	0.7%	2	-\$27
Adult Education	332	549	-65.4%	9	\$26	3,364	5,420	-61.1%	9	\$254
Area Technology Center	42,000	35,800	14.8%	6	-\$739	193,000	201,000	-4.1%	6	\$990
Total	337,482	397,456	-17.8%		\$7,147	2,390,365	2,481,299	-3.8%		\$11,251

Electrical Energy Cost Comparison to Last Year

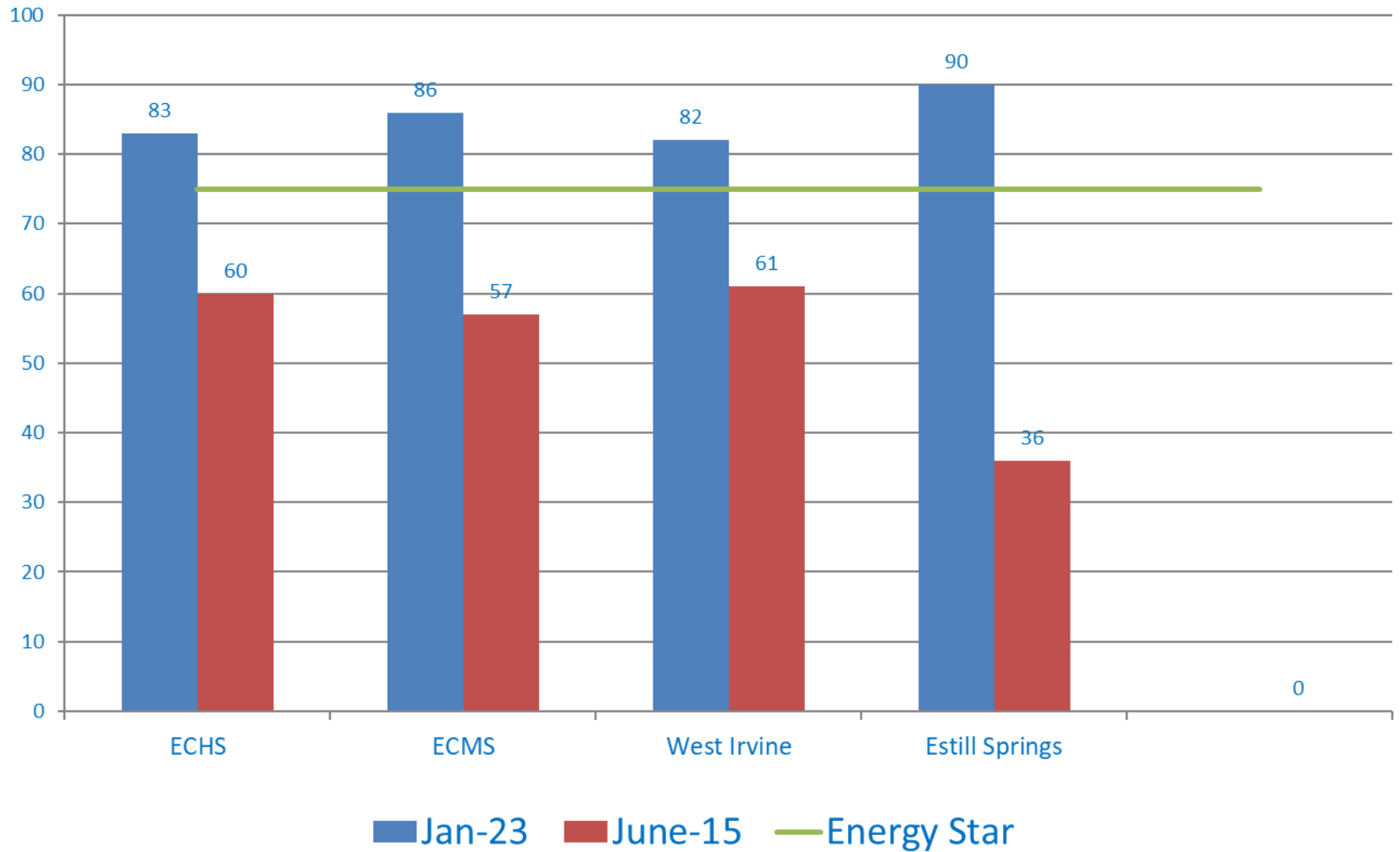
Jul 2022 - Jan 2023 \$ Cost Change



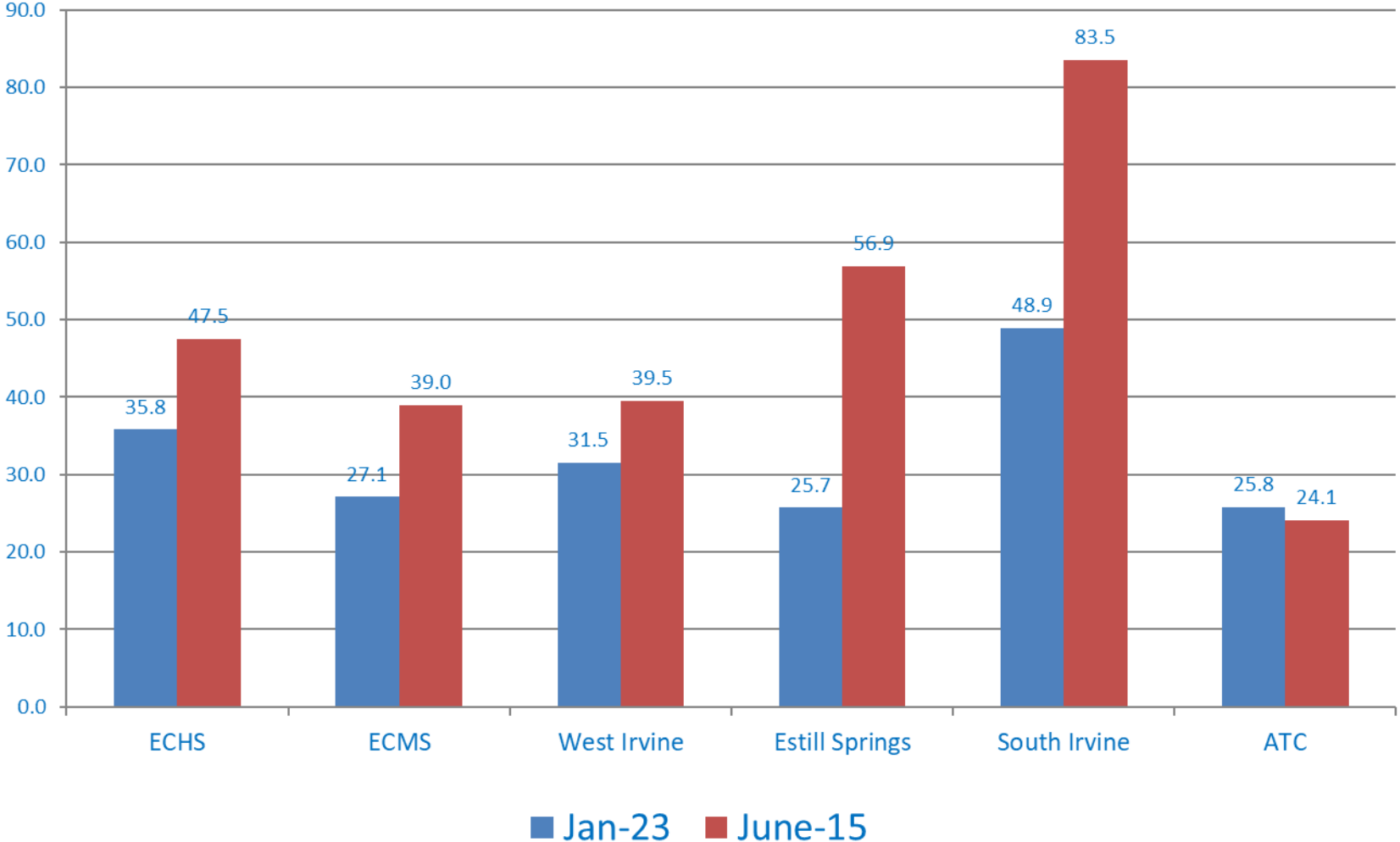
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Jan-23	Rating (1-100) June-15	Energy Use kbtu/sq ft Jan-23	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	83	60	35.8	47.5	-24.6%
Estill County Middle School	86	57	27.1	39.0	-30.5%
West Irvine Elementary	82	61	31.5	39.5	-20.3%
Estill Springs Elementary	90	36	25.7	56.9	-54.8%
South Irvine P/K Center	N/A	N/A	48.9	83.5	-41.4%
Area Technology Center	N/A	N/A	25.8	24.1	7.1%
Total	85	53	30.4	47.7	-36.3%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

