

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		\$5,024	\$5,024
Consumption Savings Prior Years		\$1,573,179	\$1,573,179
Consumption Savings Current Year		\$329,705	\$329,705
Energy Projects Prior Years	\$25,152		\$25,152
Energy Projects Current Year			\$0
Total	\$25,152	\$1,941,625	\$1,966,777
Total Cumulative Savings		\$1,259,523	



Estill County Schools

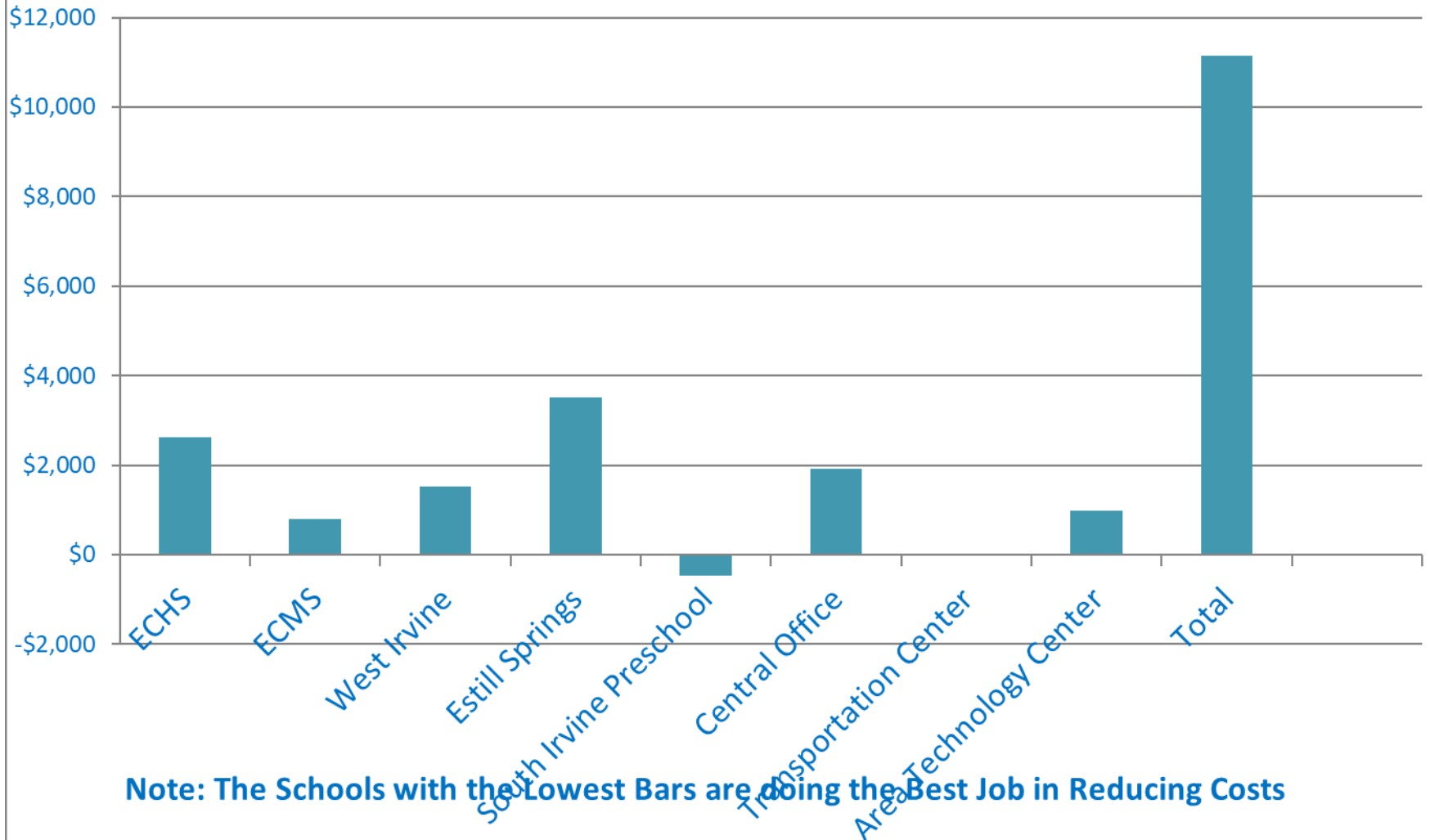
Energy Management Report

April 2023

School Facility	April-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	89,206	107,136	-20.1%	7	\$2,200	694,043	715,482	-3.1%	5	\$2,630
ECMS	62,000	70,640	-13.9%	5	\$1,060	502,240	508,800	-1.3%	3	\$805
West Irvine	51,840	58,080	-12.0%	1	\$766	424,840	437,310	-2.9%	4	\$1,530
Estill Springs	24,395	25,200	-3.3%	4	\$99	185,969	214,666	-15.4%	8	\$3,521
South Irvine Preschool	20,232	19,663	2.8%	2	-\$70	193,997	190,179	2.0%	1	-\$468
Central Office	32,658	30,100	7.8%	3	-\$314	161,867	177,615	-9.7%	7	\$1,932
Transportation Center	4,377	3,060	30.1%	8	-\$162	31,045	30,827	0.7%	2	-\$27
Area Technology Center	20,200	19,400	4.0%	6	-\$98	193,000	201,000	-4.1%	6	\$981
Total	203,115	333,279	-64.1%		\$15,971	2,390,365	2,481,299	-3.8%		\$11,156

Electrical Energy Cost Comparison to Last Year

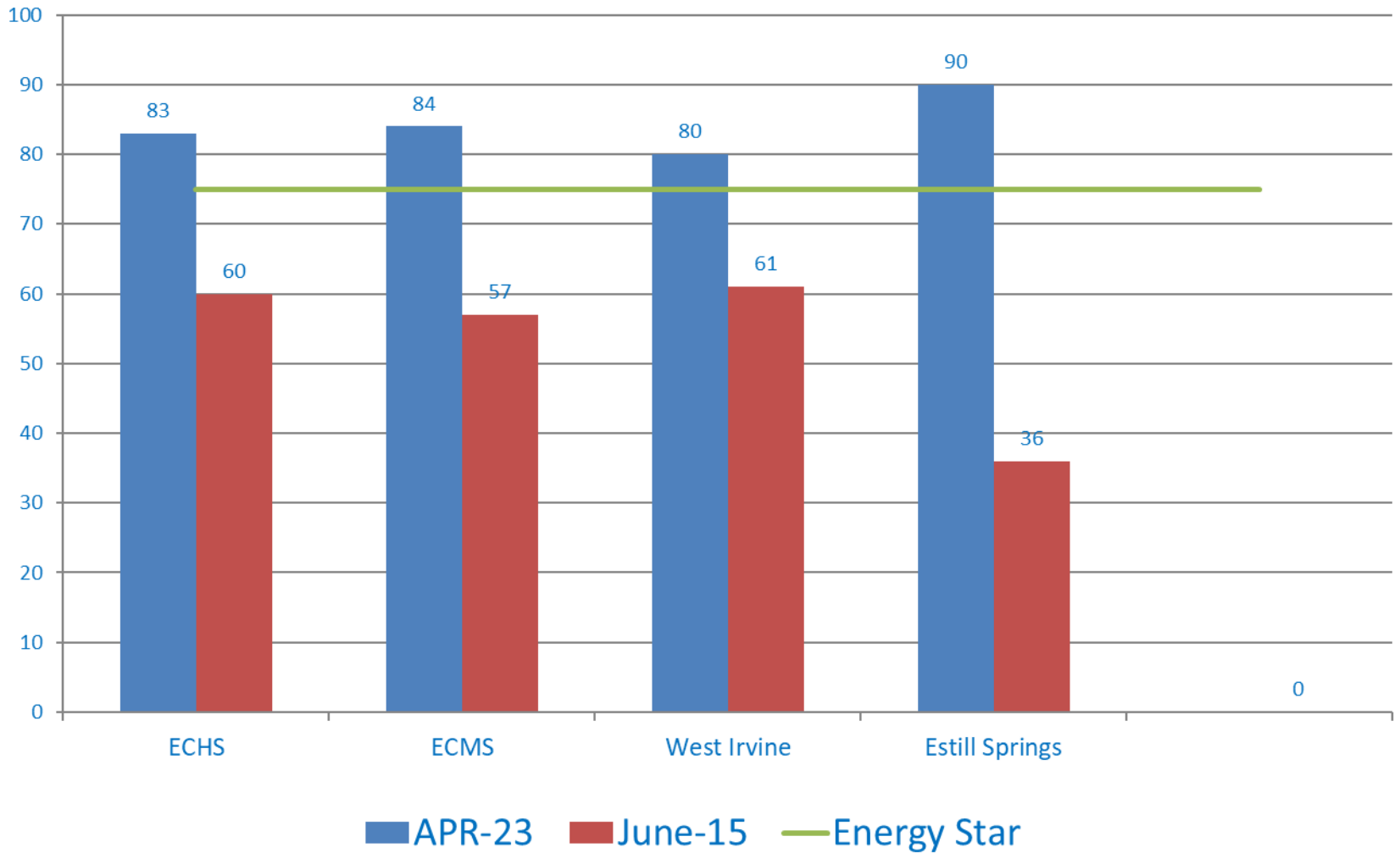
Jul 2022 - Apr 2023 \$ Cost Change



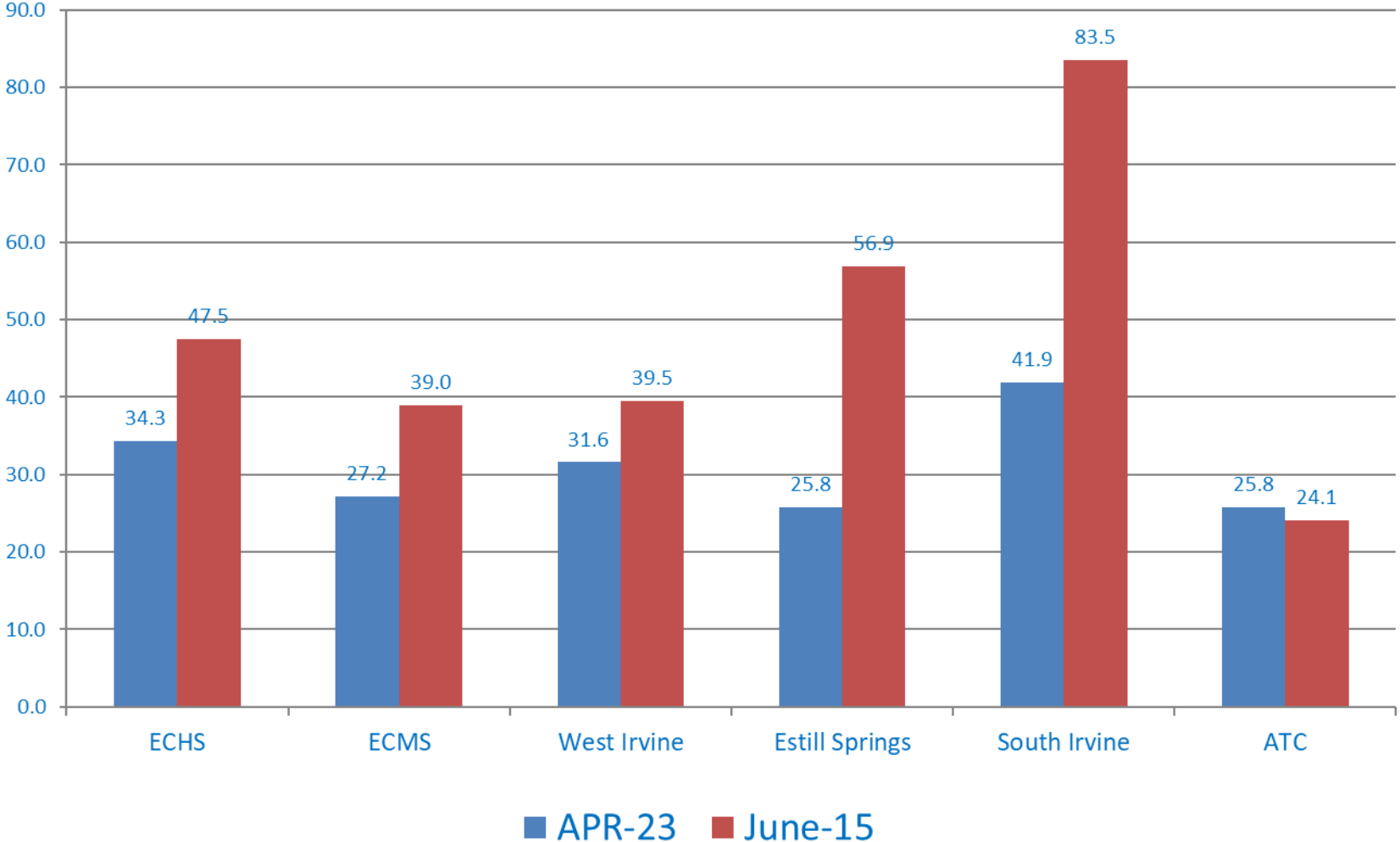
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) APR-23	Rating (1-100) June-15	Energy Use kbtu/sq ft APR-23	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	83	60	34.3	47.5	-27.8%
Estill County Middle School	84	57	27.2	39.0	-30.3%
West Irvine Elementary	80	61	31.6	39.5	-20.0%
Estill Springs Elementary	90	36	25.8	56.9	-54.7%
South Irvine P/K Center	N/A	N/A	41.9	83.5	-49.8%
Area Technology Center	N/A	N/A	25.8	24.1	7.1%
Total	84	53	30.0	47.7	-37.1%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

