

Estill County Schools Energy Management Package



May 2021



Estill County Schools

Energy Management Report

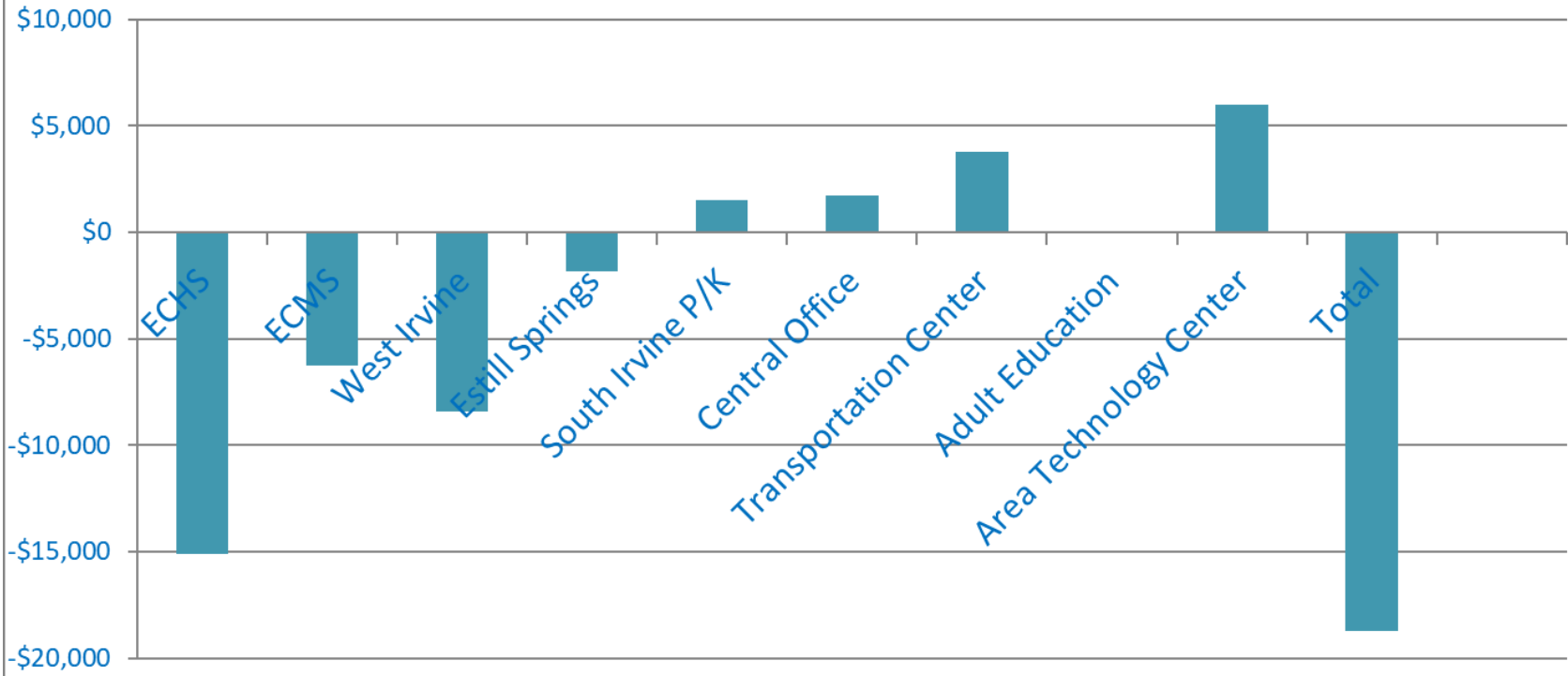
May 2021

School Facility	May					2020 - 2021 YTD Results				
	2020 Actual Kwh	2021 Actual Kwh	% Reduction	Position	\$ Cost Change	2019-2020 Actual Kwh	2020-2021 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	54,061	80,761	-49.39%	5	\$2,969	1,118,753	971,148	13.2%	2	-\$15,135
ECMS	48,320	60,640	-25.50%	2	\$1,370	775,680	714,560	7.9%	4	-\$6,267
West Irvine	42,560	54,240	-27.44%	3	\$1,299	638,720	556,720	12.8%	3	-\$8,408
Estill Springs	15,776	23,792	-50.81%	6	\$891	257,859	240,011	6.9%	5	-\$1,830
South Irvine P/K	19,916	19,770	0.73%	1	-\$16	271,231	285,819	-5.4%	6	\$1,496
Central Office	22,230	34,108	-53.43%	7	\$1,321	302,986	319,640	-5.5%	7	\$1,708
Transportation Center	0	3,080	-3079999999900%	8	\$343	0	36,860	-3350909090809.1%	8	\$3,779
Adult Education	252	363	-44.05%	4	\$12	5,545	4,790	13.6%	1	-\$77
Area Technology Center	0	9,968	-9967999999900.00%	9	\$1,109	0	58,369	-5306272727172.7%	9	\$5,985
Total	203,115	286,722	-41.16%		\$9,298	3,370,774	3,187,917	5.4%		-\$18,749



Electrical Energy Cost Comparison to Last Year

July 2020 - May 2021 \$ Cost Change



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



Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$5,527	\$5,527
Consumption Savings Prior Years		\$678,614	\$678,614
Consumption Savings Current Year		\$239,159	\$239,159
Energy Projects Prior Years	\$25,152		\$25,152
Energy Projects Current Year			\$0
Total	\$25,152	\$932,900	\$958,052
Total Cost Avoided This Month		\$20,988	
Total Cumulative Savings		\$1,087,329	

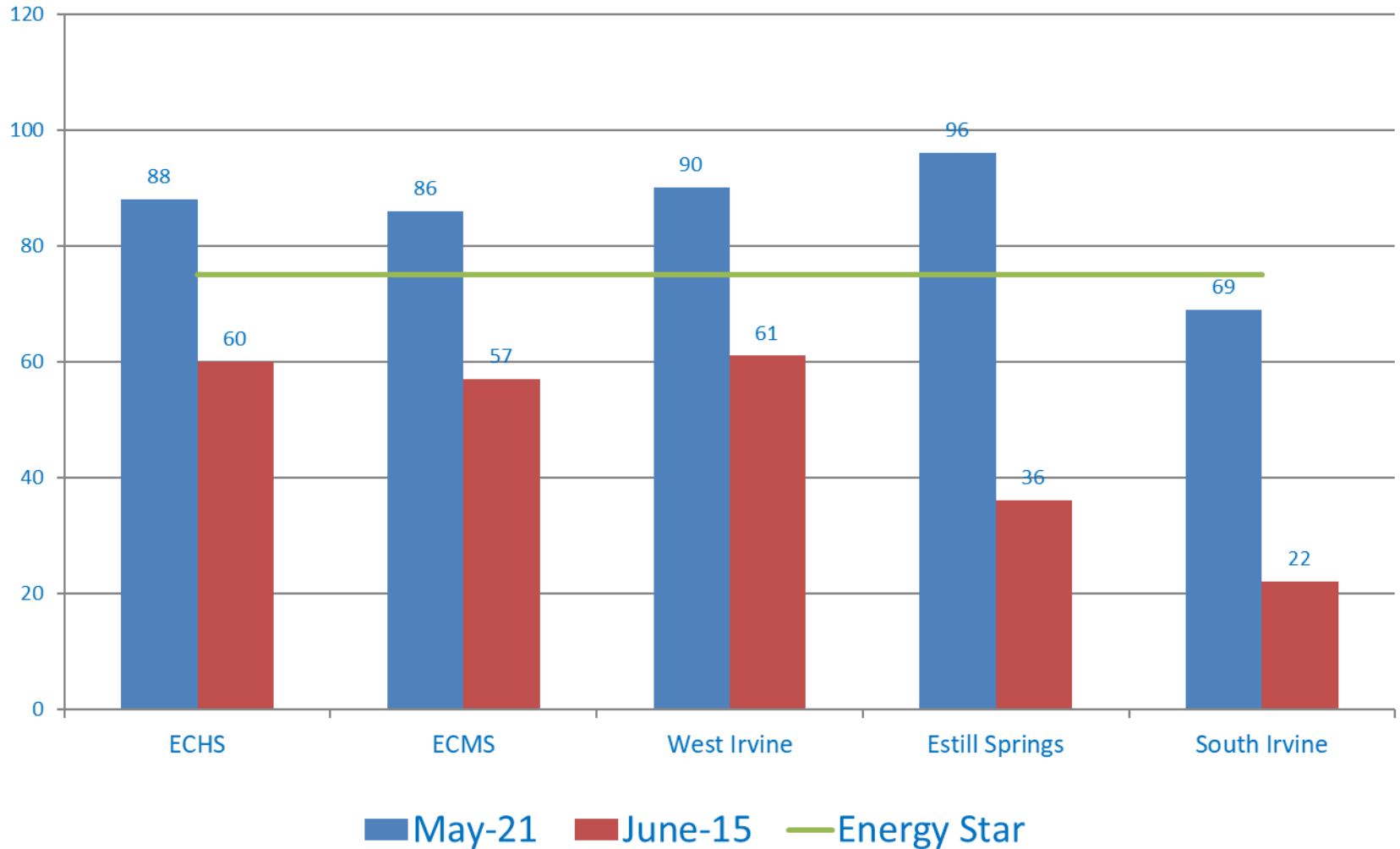


Energy Star Portfolio Manager Ratings

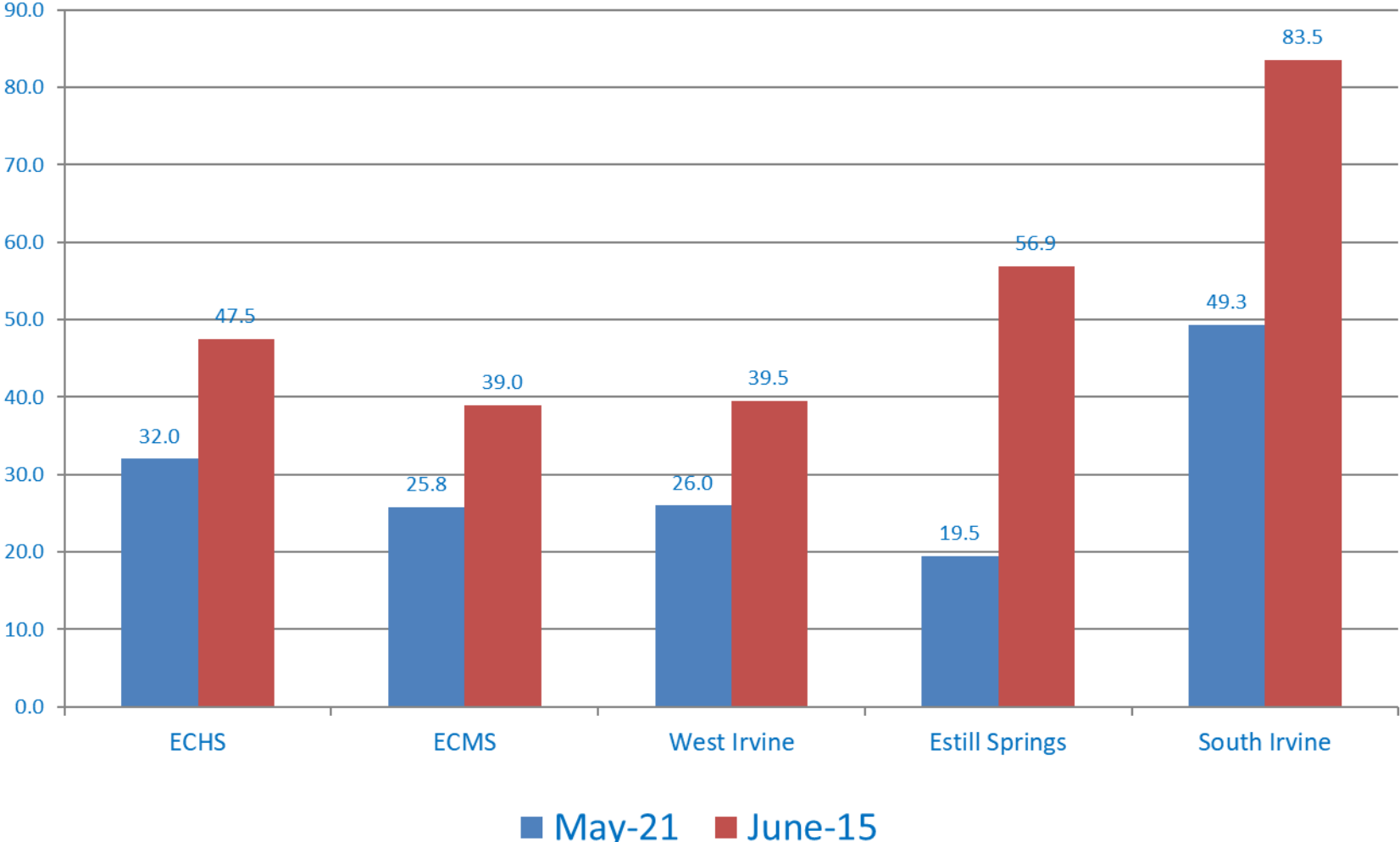
Facility Name	Rating (1-100) May-21	Rating (1-100) June-15	Energy Use kbtu/sq ft May-21	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	88	60	32.0	47.5	-32.6%
Estill County Middle School	86	57	25.8	39.0	-33.8%
West Irvine Elementary	90	61	26.0	39.5	-34.2%
Estill Springs Elementary	96	36	19.5	56.9	-65.7%
South Irvine P/K Center	69	22	49.3	83.5	-41.0%
Total	87	53	28.9	47.7	-39.4%



Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

