

Estill County Schools Energy Management Package



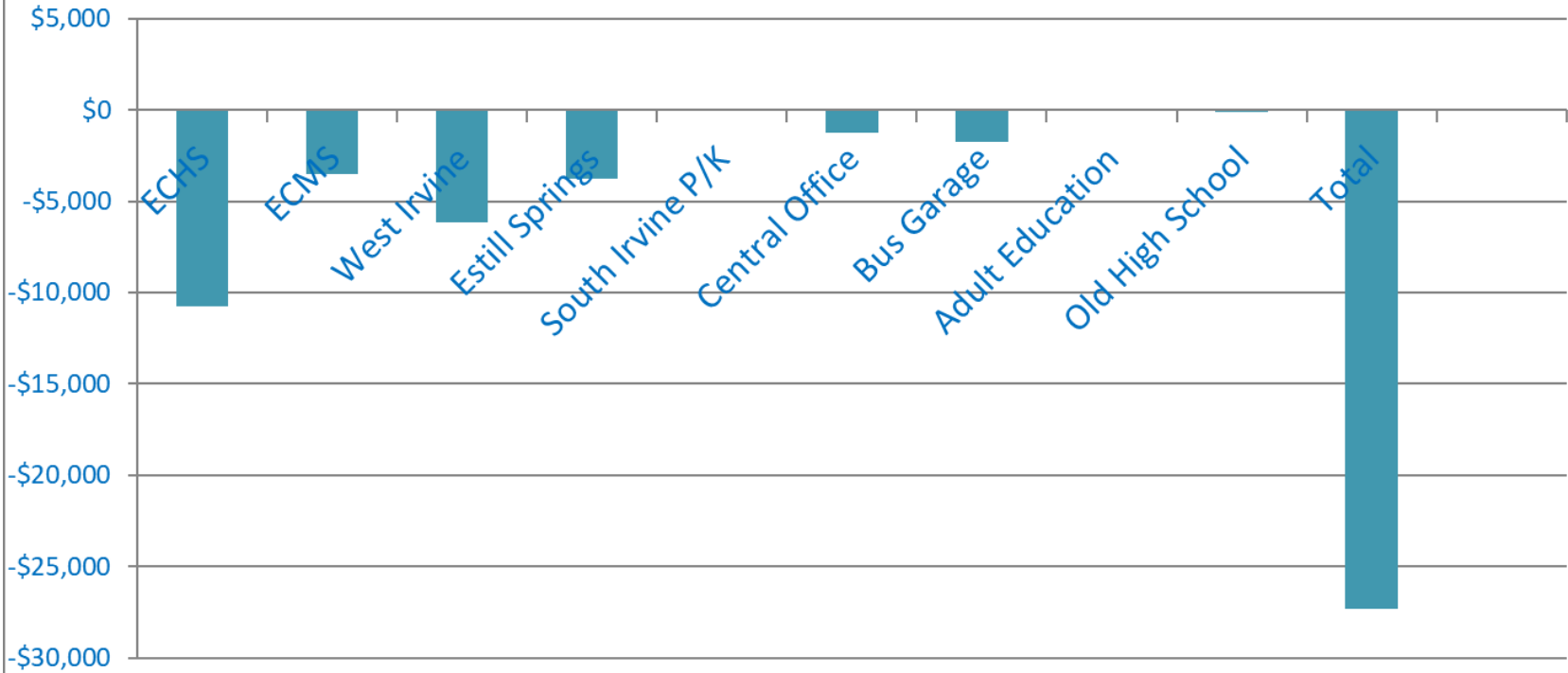
October 2019



Estill County Schools Energy Management Report October 2019

School Facility	October					2018 - 2019 YTD Results				
	2018 Actual Kwh	2019 Actual Kwh	% Reduction	Position	\$ Cost Change	2018-19 Actual Kwh	2019-20 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	113,635	110,035	3.17%	9	-\$361	584,434	477,286	18.3%	5	-\$10,755
ECMS	81,038	71,024	12.36%	5	-\$1,004	367,285	332,201	9.6%	7	-\$3,522
West Irvine	84,320	69,280	17.84%	4	-\$1,509	312,640	251,040	19.7%	4	-\$6,183
Estill Springs	28,424	26,000	8.53%	6	-\$243	139,264	102,000	26.8%	3	-\$3,740
South Irvine P/K	27,715	25,421	8.28%	7	-\$230	118,993	119,825	-0.7%	9	\$84
Central Office	19,375	17,801	8.12%	8	-\$158	89,818	77,066	14.2%	6	-\$1,280
Bus Garage	2,701		100.00%	1	-\$271	17,493		100.0%	1	-\$1,756
Adult Education	706	521	26.20%	3	-\$19	3,237	2,942	9.1%	8	-\$30
Old High School	320		100.00%	1	-\$32	1,080		100.0%	1	-\$108
Total	358,234	320,082	10.65%		-\$3,827	1,634,244	1,362,360	16.6%		-\$27,291

Electrical Energy Cost Comparison to Last Year July 2019 - October 2019 \$ Cost Change



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



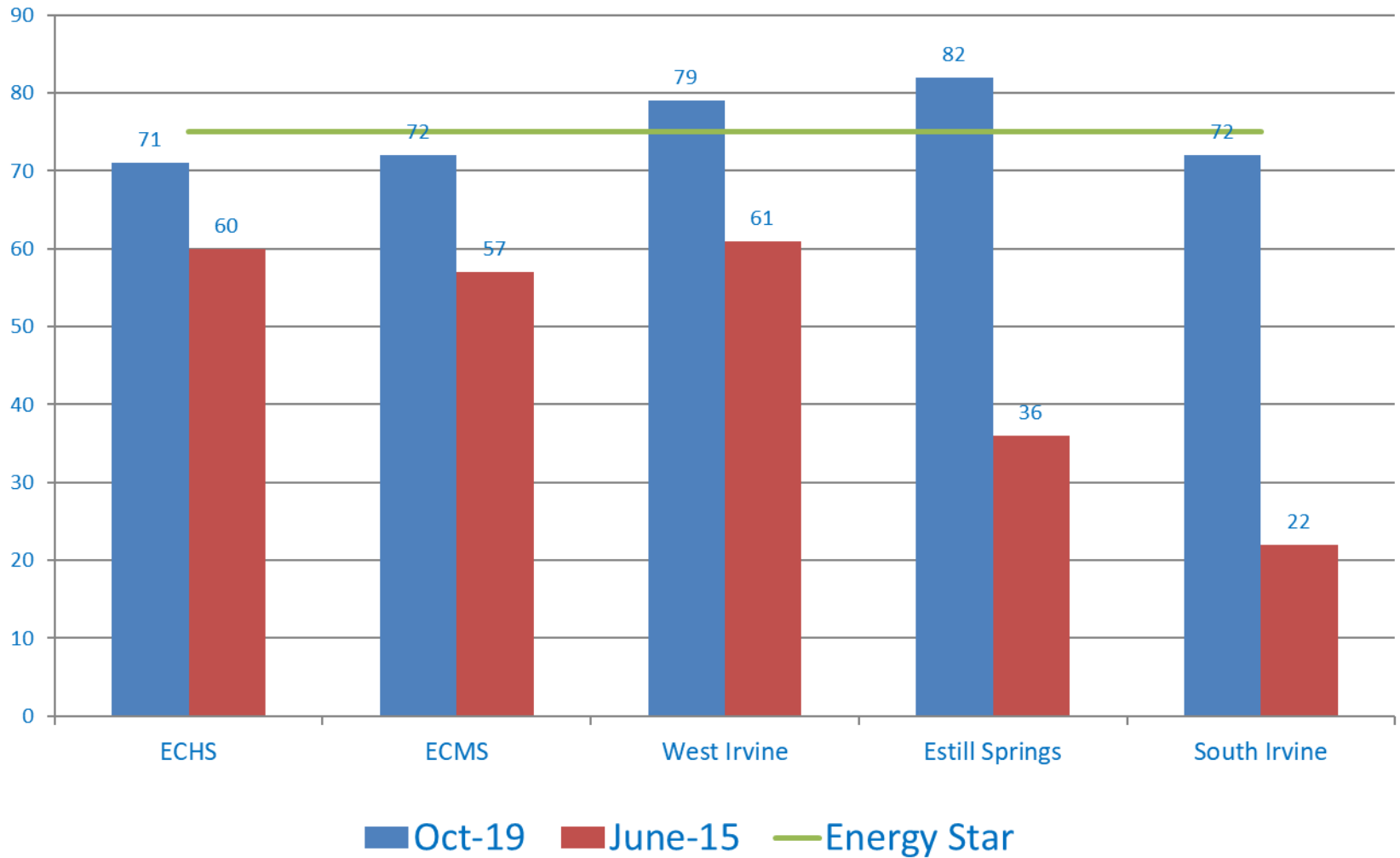
Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$2,010	\$2,010
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$58,081	\$58,081
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	\$6,514		\$6,514
Total	\$25,152	\$511,298	\$536,450
Total Cost Avoided This Month		\$15,653	
Total Cumulative Savings		\$295,744	



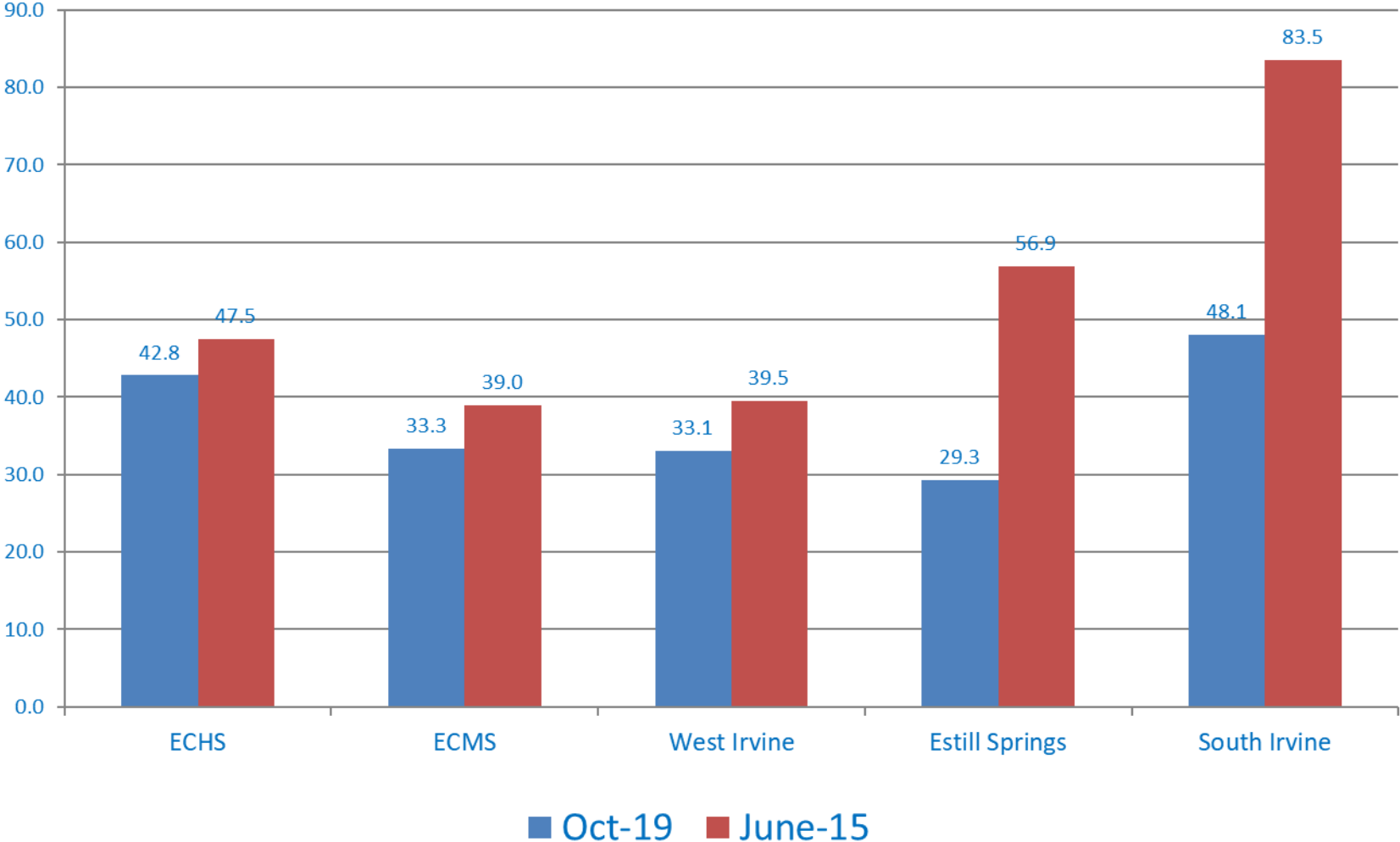
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Oct-19	Rating (1-100) June-15	Energy Use kbtu/sq ft Oct-19	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	71	60	42.8	47.5	-9.9%
Estill County Middle School	72	57	33.3	39.0	-14.6%
West Irvine Elementary	79	61	33.1	39.5	-16.2%
Estill Springs Elementary	82	36	29.3	56.9	-48.5%
South Irvine P/K Center	72	22	48.1	83.5	-42.4%
Total	74	53	37.0	47.7	-22.4%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

