

Estill County Schools Energy Management Package



September 2019

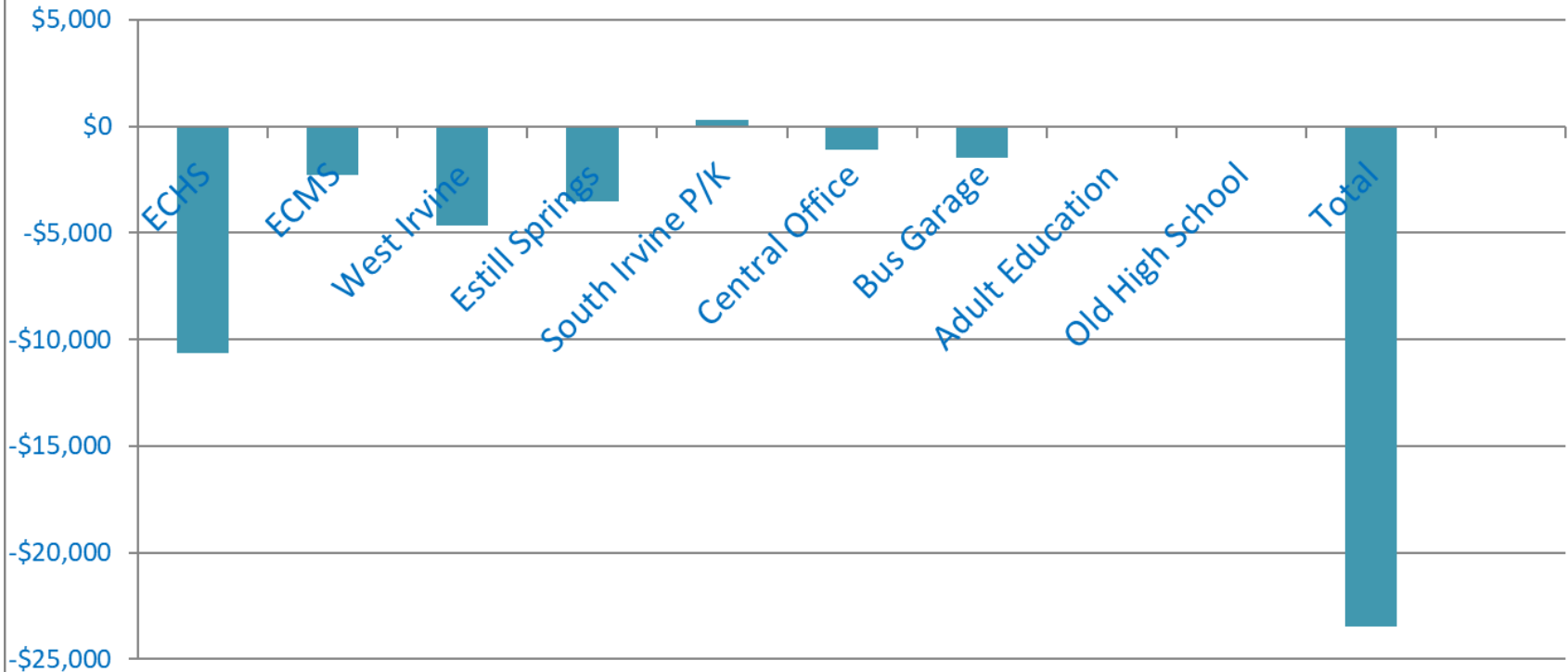


Estill County Schools Energy Management Report September 2019

School Facility	September					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
ECMS	101,131	97,906	3.19%	7	-\$320	286,247	263,617	7.9%	7	-\$2,271
West Irvine	83,520	72,320	13.41%	5	-\$1,112	228,320	181,760	20.4%	5	-\$4,673
Estill Springs	47,734	33,331	30.17%	3	-\$1,430	110,840	76,000	31.4%	3	-\$3,497
South Irvine P/K	31,035	33,383	-7.57%	9	\$233	91,278	94,404	-3.4%	9	\$314
Central Office	23,082	21,039	8.85%	6	-\$203	70,443	59,265	15.9%	6	-\$1,122
Bus Garage	4,252		100.00%	1	-\$422	14,792		100.0%	1	-\$1,485
Adult Education	914	947	-3.61%	8	\$3	2,531	2,421	4.3%	8	-\$11
Old High School	480		100.00%	1	-\$48	760		100.0%	1	-\$76
Total	445,887	384,814	13.70%		-\$6,064	1,276,010	1,042,027	18.3%		-\$23,486

Electrical Energy Cost Comparison to Last Year

July 2019 - September 2019 \$ Cost Change



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

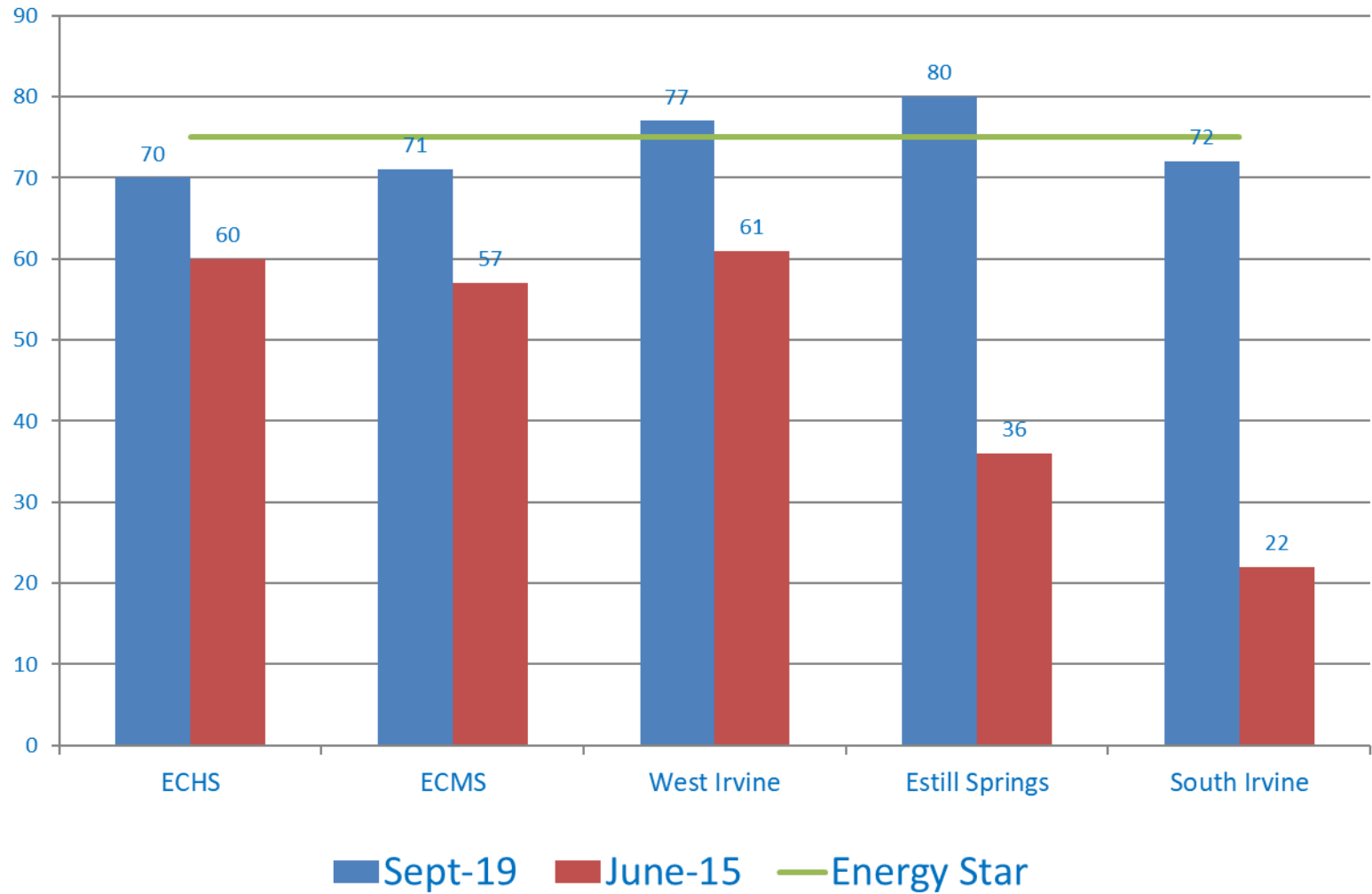
Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$1,507	\$1,507
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$42,931	\$42,931
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	\$6,514		\$6,514
Total	\$25,152	\$495,645	\$520,797
Total Cost Avoided This Month		\$20,144	
Total Cumulative Savings		\$280,594	



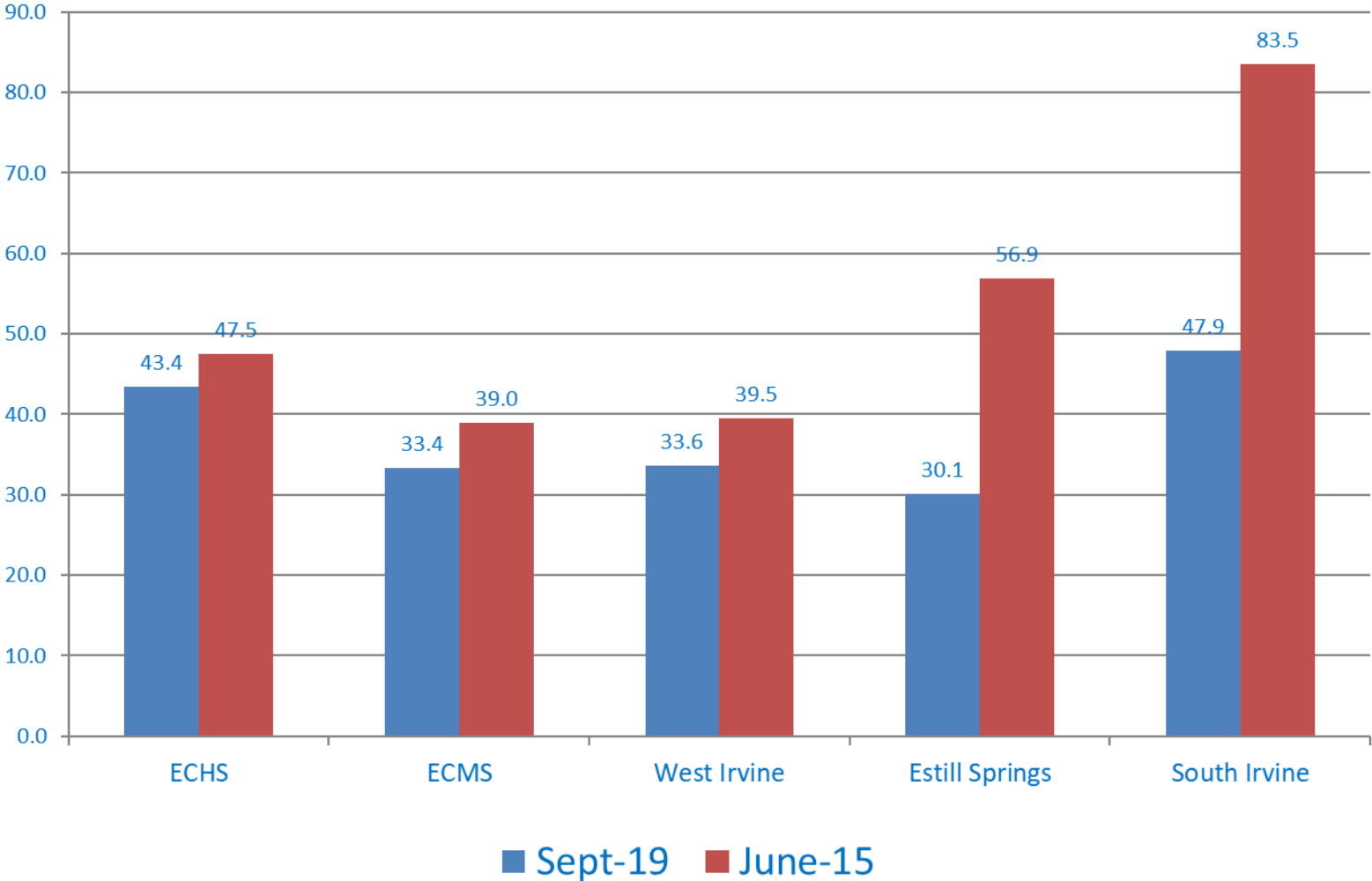
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Sept-19	Rating (1-100) June-15	Energy Use kbtu/sq ft Sept-19	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	70	60	43.4	47.5	-8.6%
Estill County Middle School	71	57	33.4	39.0	-14.4%
West Irvine Elementary	77	61	33.6	39.5	-14.9%
Estill Springs Elementary	80	36	30.1	56.9	-47.1%
South Irvine P/K Center	72	22	47.9	83.5	-42.6%
Total	73	53	37.4	47.7	-21.6%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

