

Estill County Schools Energy Management Package



August 2019



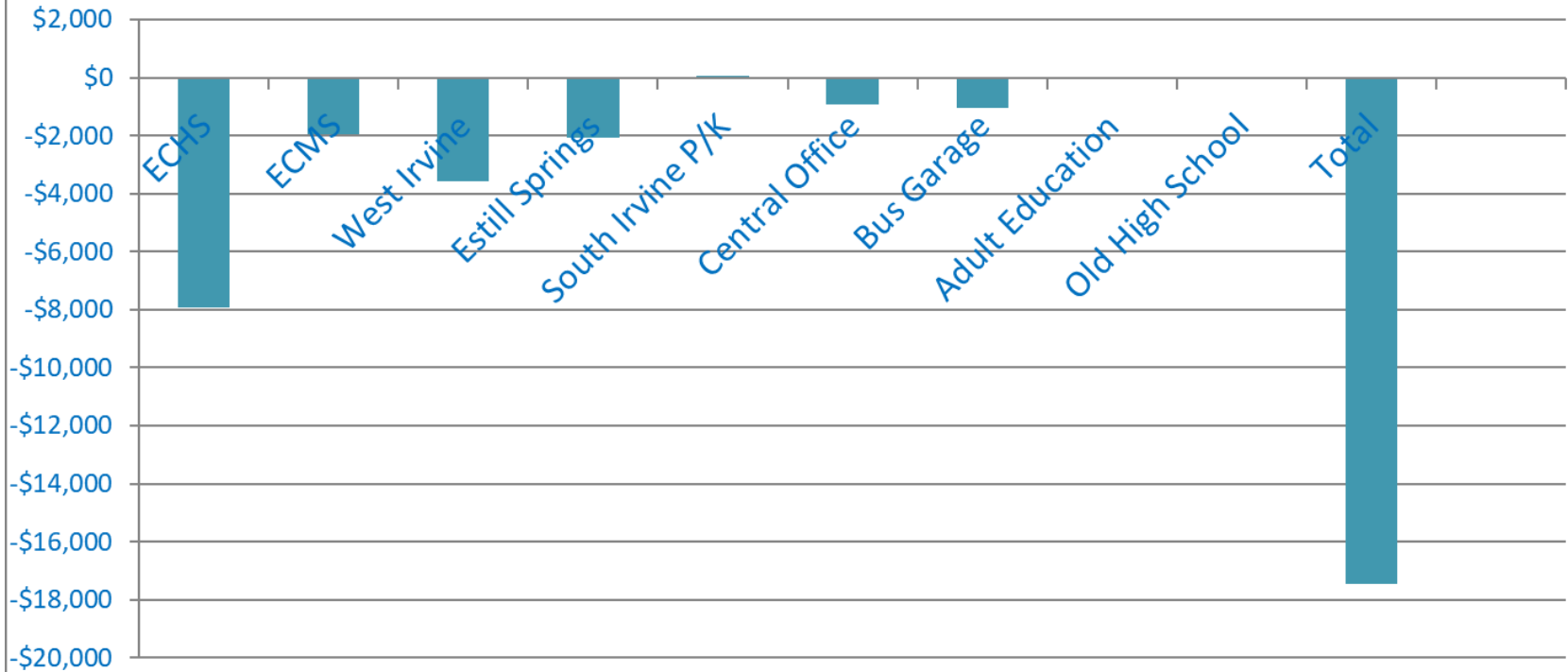
Estill County Schools Energy Management Report August 2019

School Facility	August					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	105,715	96,258	8.95%	6	-\$963	185,116	165,711	10.5%	7	-\$1,960
ECMS	174,485	131,336	24.73%	4	-\$4,395	317,060	238,672	24.7%	4	-\$7,918
West Irvine	55,040	58,720	-6.69%	9	\$375	144,800	109,440	24.4%	5	-\$3,572
Estill Springs	43,617	24,380	44.10%	3	-\$1,960	63,106	42,669	32.4%	3	-\$2,064
South Irvine P/K	28,217	29,415	-4.25%	8	\$122	60,243	61,021	-1.3%	9	\$79
Central Office	23,077	19,986	13.39%	5	-\$315	47,361	38,226	19.3%	6	-\$923
Bus Garage	4,845		100.00%	1	-\$494	10,540		100.0%	1	-\$1,065
Adult Education	744	733	1.48%	7	-\$1	1,617	1,474	8.8%	8	-\$14
Old High School	120		100.00%	1	-\$12	280		100.0%	1	-\$28
Total	435,860	360,828	17.21%		-\$7,643	830,123	657,213	20.8%		-\$17,465



Electrical Energy Cost Comparison to Last Year

July 2019 - Aug 2019 \$ Cost Change



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

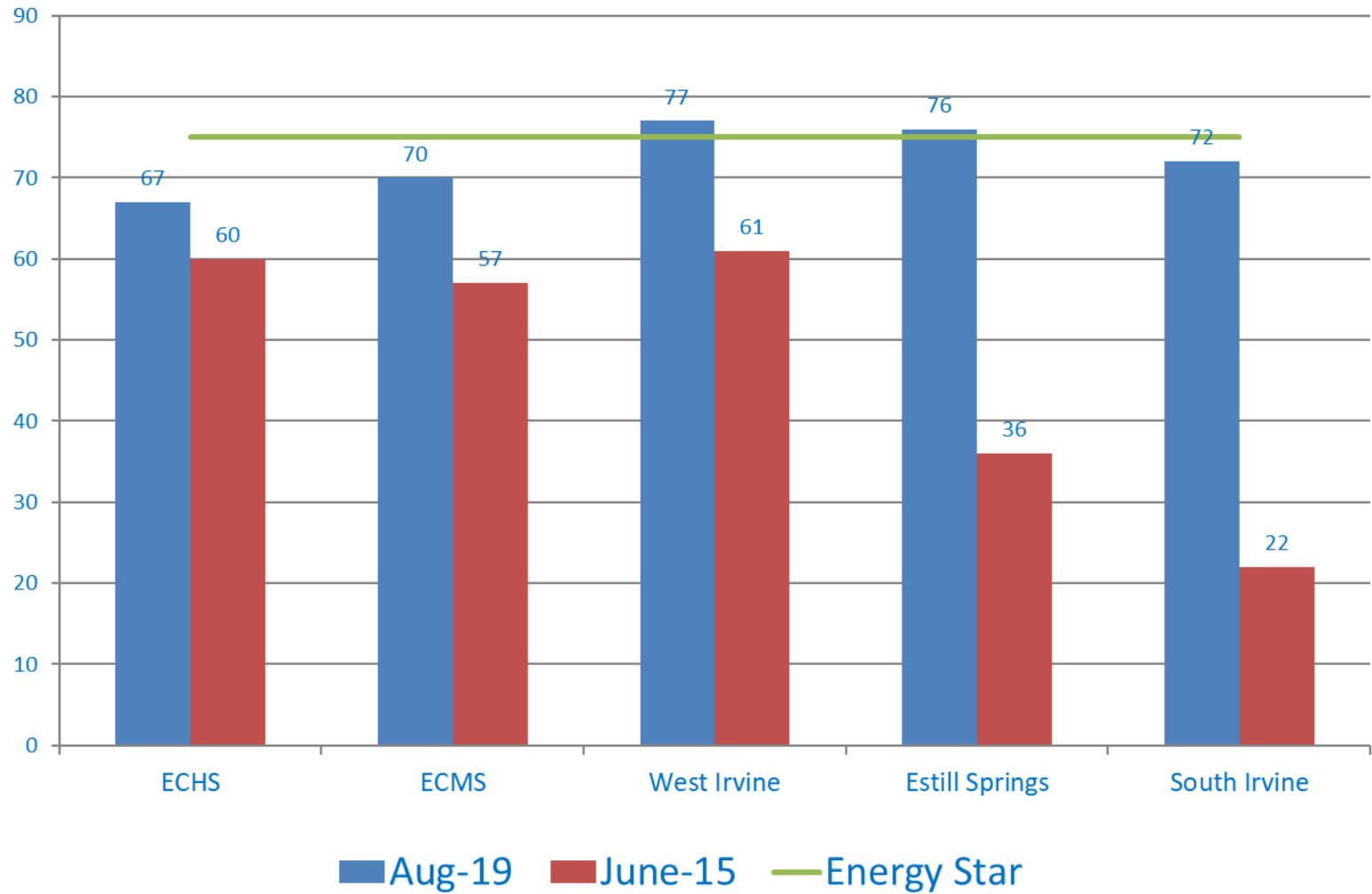
Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$1,005	\$1,005
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$25,540	\$25,540
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	\$4,264		\$4,264
Total	\$22,902	\$477,751	\$500,653
Total Cost Avoided This Month		\$9,230	
Total Cumulative Savings		\$263,203	



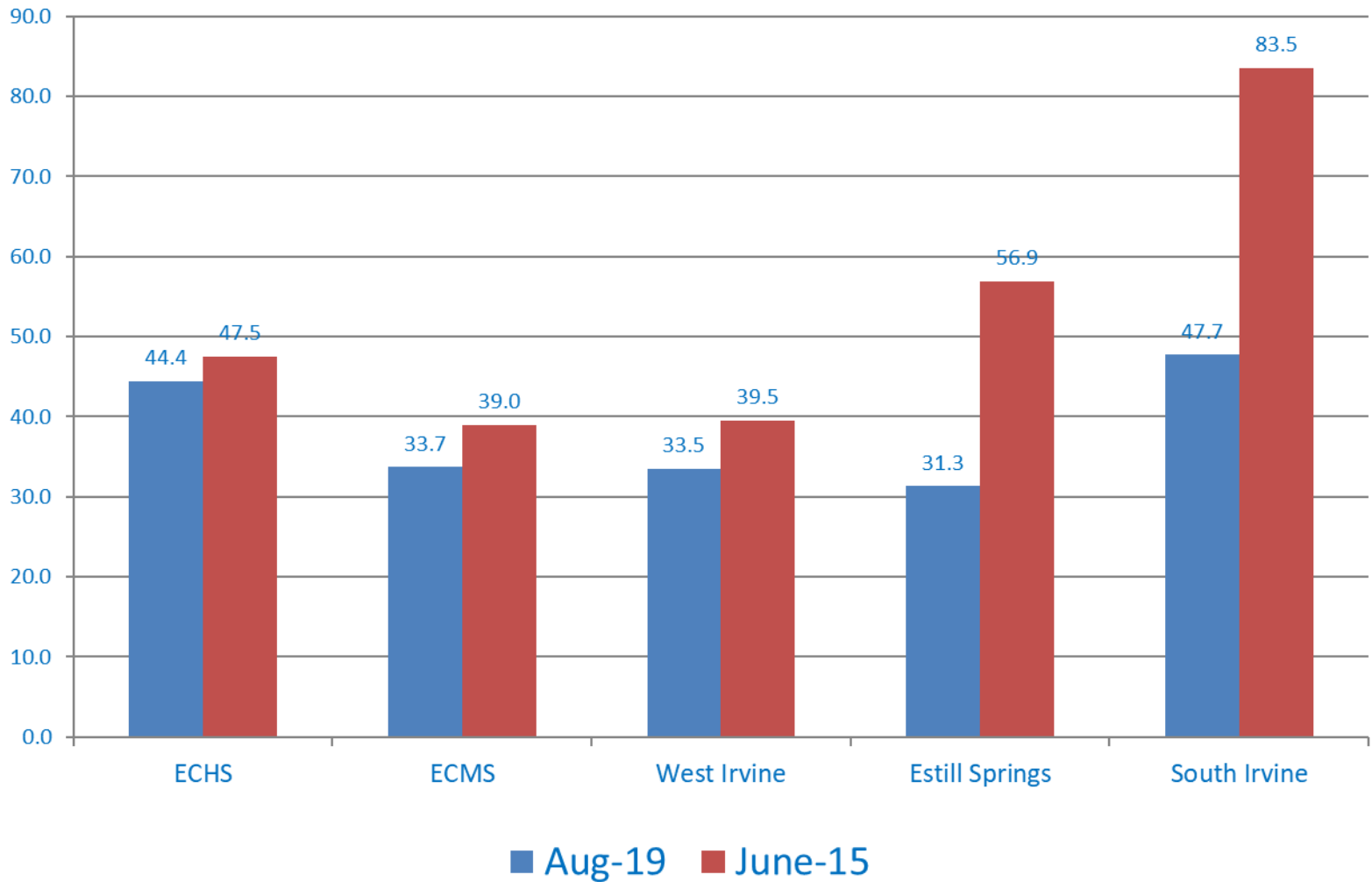
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Aug-19	Rating (1-100) June-15	Energy Use kbtu/sq ft Aug-19	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	67	60	44.4	47.5	-6.5%
Estill County Middle School	70	57	33.7	39.0	-13.6%
West Irvine Elementary	77	61	33.5	39.5	-15.2%
Estill Springs Elementary	76	36	31.3	56.9	-45.0%
South Irvine P/K Center	72	22	47.7	83.5	-42.9%
Total	71	53	37.9	47.7	-20.5%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

