

Estill County Schools Energy Management Package



March 2019

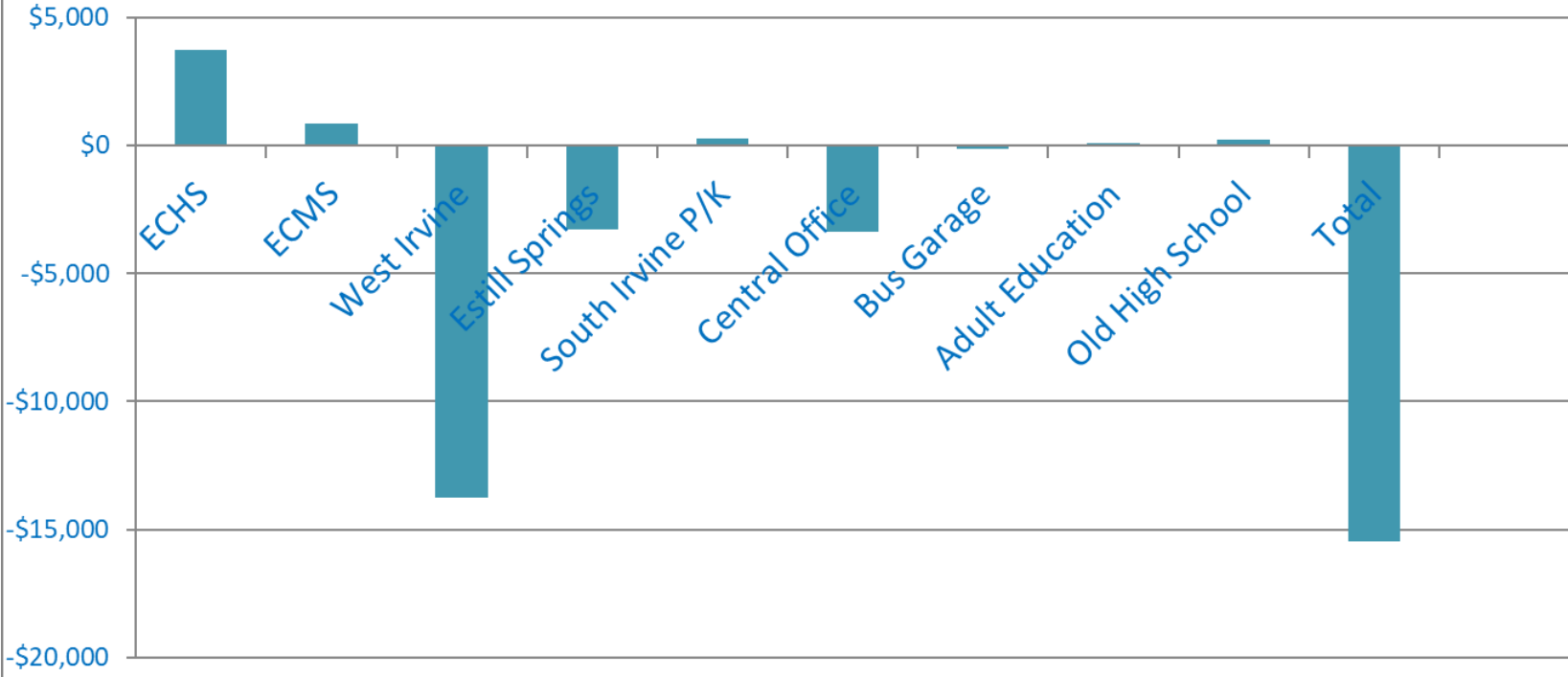


Estill County Schools Energy Management Report March 2019

School Facility	March					2018 - 2019 YTD Results				
	2018 Actual Kwh	2019 Actual Kwh	% Reduction	Position	\$ Cost Change	2017-18 Actual Kwh	2018-19 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	118,796	107,033	9.90%	3	-\$1,100	1,101,261	1,140,755	-3.6%	7	\$3,737
ECMS	82,988	92,209	-11.11%	7	\$862	802,216	811,057	-1.1%	5	\$837
West Irvine	64,800	58,080	10.37%	2	-\$628	760,560	615,200	19.1%	1	-\$13,755
Estill Springs	34,069	31,569	7.34%	4	-\$234	376,120	341,375	9.2%	3	-\$3,288
South Irvine P/K	21,148	22,164	-4.80%	6	\$95	228,736	231,543	-1.2%	6	\$266
Central Office	42,626	49,523	-16.18%	8	\$645	364,421	328,770	9.8%	2	-\$3,374
Bus Garage	2,593	2,426	6.44%	5	-\$16	32,799	31,218	4.8%	4	-\$150
Adult Education	518	786	-51.74%	9	\$25	6,341	7,146	-12.7%	8	\$76
Old High School	160	40	75.00%	1	-\$11	2,540	4,680	-84.3%	9	\$203
Total	367,698	363,830	1.05%		-\$362	3,674,994	3,511,744	4.4%		-\$15,448

Electrical Energy Cost Comparison to Last Year

June 2018 - March 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		\$4,522	\$4,522
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$121,041	\$121,041
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	\$9,185		\$9,185
Total	\$27,822	\$576,770	\$604,592
Total Cost Avoided This Month		\$12,066	

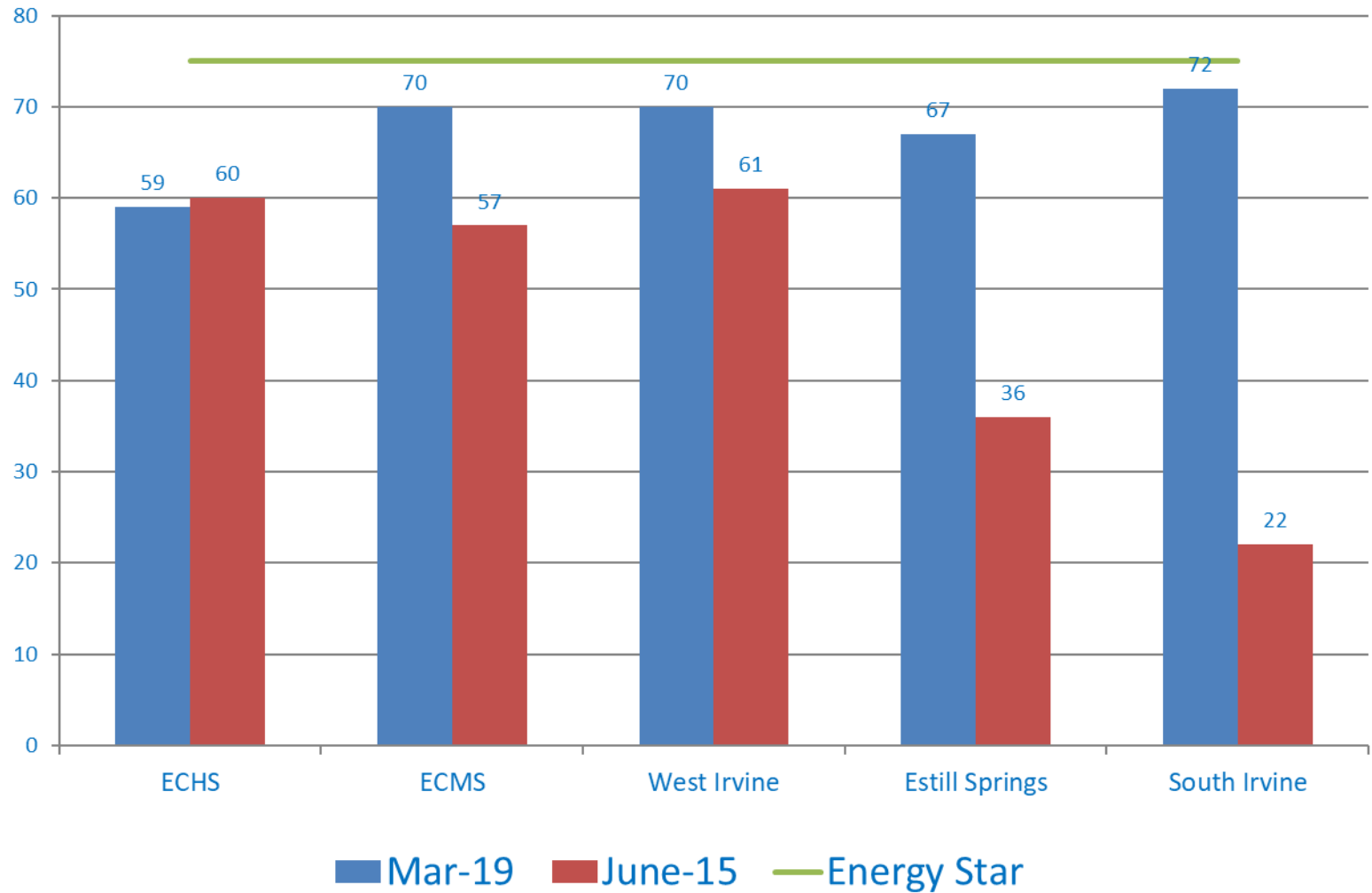


Energy Star Portfolio Manager Ratings

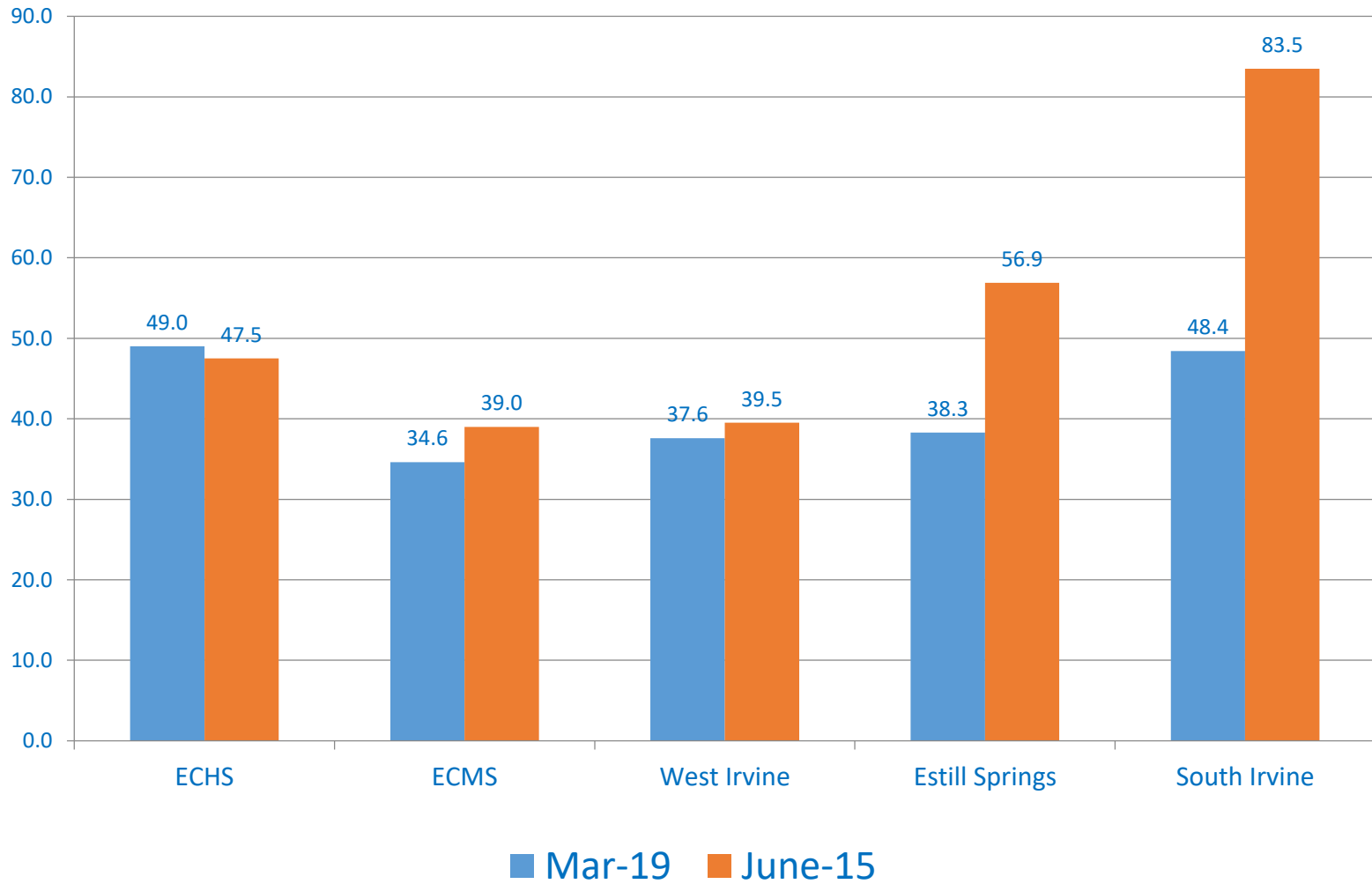
Facility Name	Rating (1-100) Mar-19	Rating (1-100) June-15	Energy Use kbtu/sq ft Mar-19	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	59	60	49.0	47.5	3.2%
Estill County Middle School	70	57	34.6	39.0	-11.3%
West Irvine Elementary	70	61	37.6	39.5	-4.8%
Estill Springs Elementary	67	36	38.3	56.9	-32.7%
South Irvine P/K Center	72	22	48.4	83.5	-42.0%
Total	66	53	41.5	47.7	-13.0%



Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

