

Estill County Schools Energy Management Package



January 2019



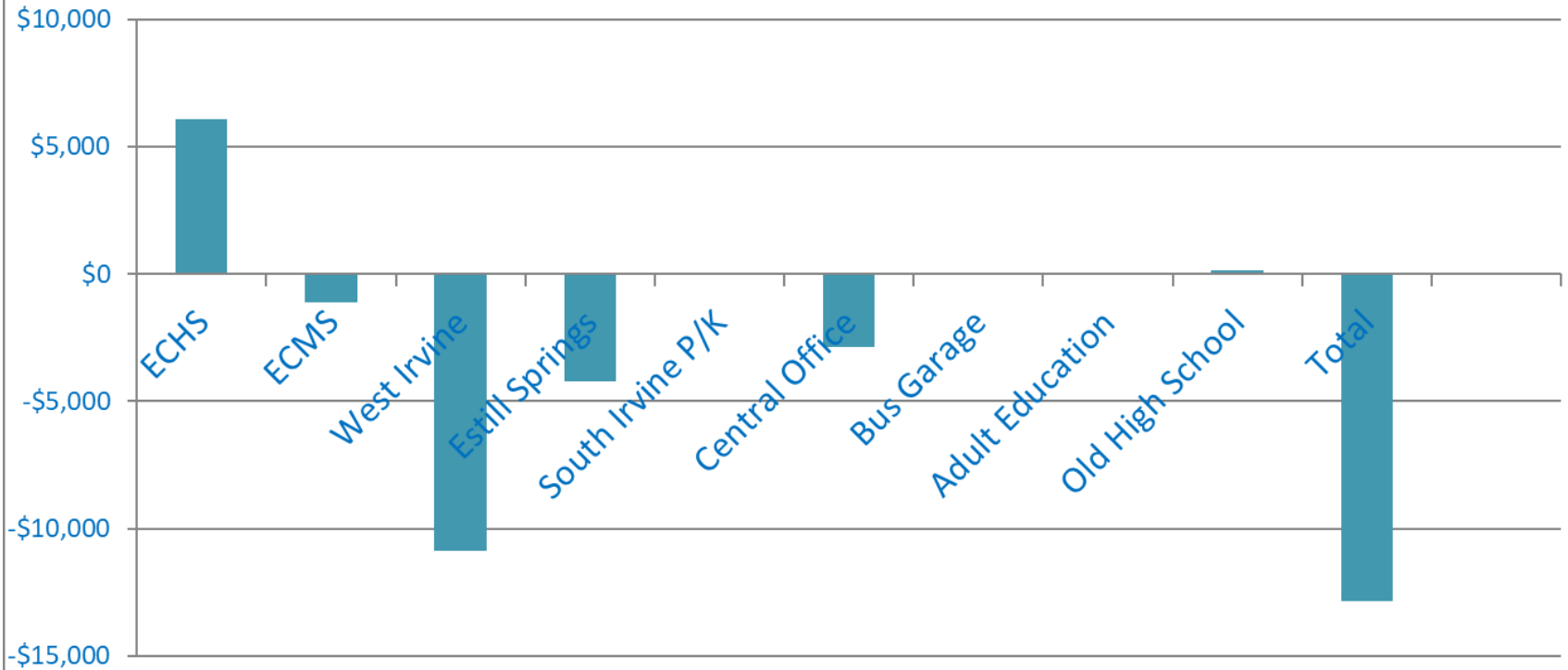
Estill County Schools Energy Management Report January 2018

School Facility	January					2017 - 2018 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	142,064	122,221	13.97%	5	-\$1,893	865,976	930,509	-7.5%	8	\$6,097
ECMS	95,144	100,427	-5.55%	6	\$504	646,254	634,573	1.8%	5	-\$1,104
West Irvine	98,080	62,560	36.22%	2	-\$3,389	613,040	497,920	18.8%	1	-\$10,877
Estill Springs	29,921	51,622	-72.53%	7	\$2,070	317,321	272,846	14.0%	2	-\$4,202
South Irvine P/K	31,632	22,767	28.03%	3	-\$846	184,011	183,985	0.0%	6	-\$2
Central Office	87,674	51,828	40.89%	1	-\$3,420	247,663	217,153	12.3%	3	-\$2,883
Bus Garage	4,294	3,337	22.29%	4	-\$91	26,633	26,066	2.1%	4	-\$54
Adult Education	481	884	-83.78%	8	\$38	5,361	5,522	-3.0%	7	\$15
Old High School	200	1,160	-480.00%	9	\$92	2,220	3,800	-71.2%	9	\$149
Total	489,490	416,806	14.85%		-\$6,934	2,908,479	2,772,374	4.7%		-\$12,860



Electrical Energy Cost Comparison to Last Year

June 2017 - November 2018 \$ Cost Change



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

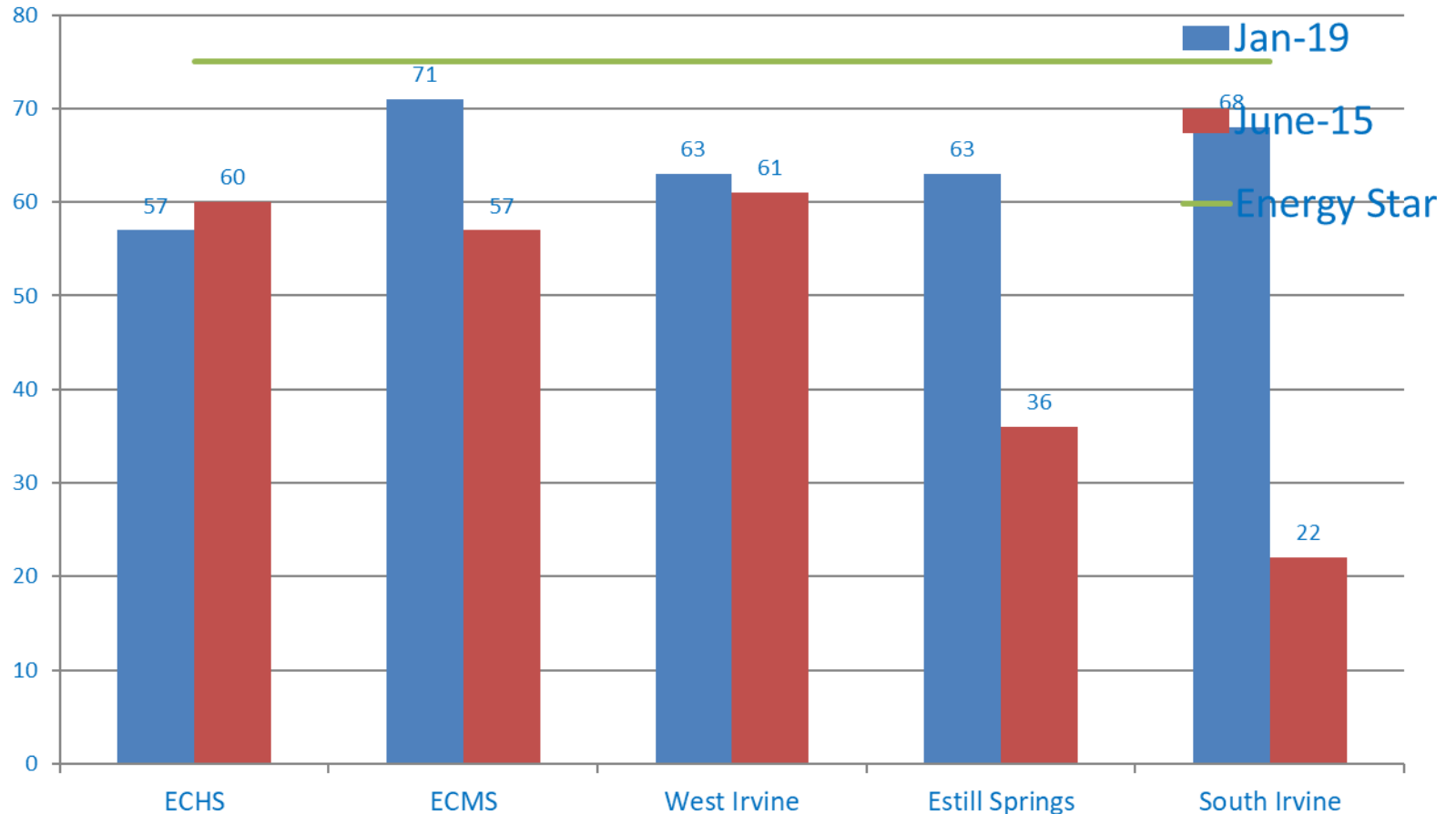
Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$3,517	\$3,517
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$85,059	\$85,059
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	\$9,185		\$9,185
Total	\$27,822	\$539,783	\$567,606
Total Cost Avoided This Month		\$21,308	



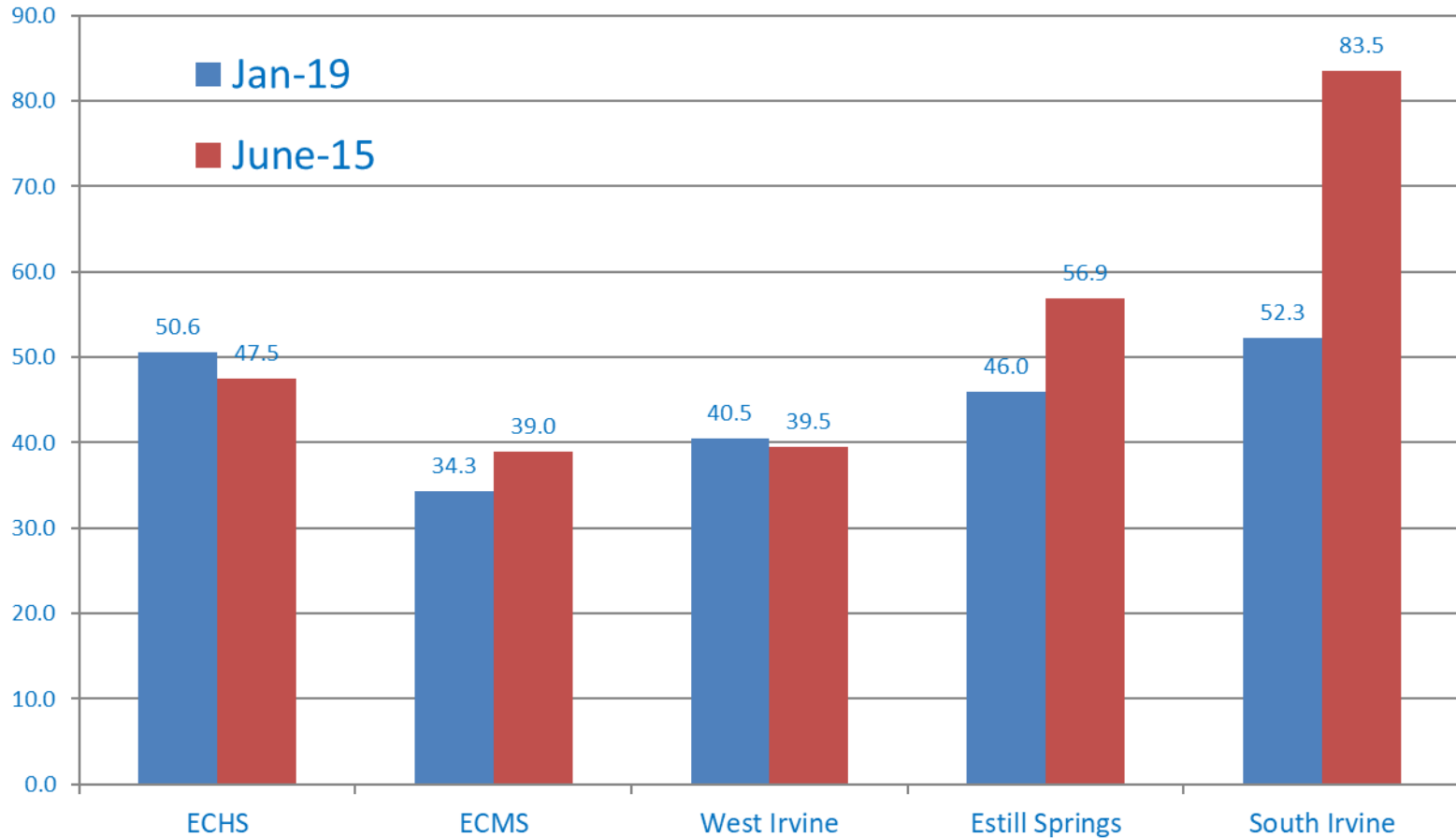
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Jan-19	Rating (1-100) June-15	Energy Use kbtu/sq ft Jan-19	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	57	60	50.6	47.5	6.5%
Estill County Middle School	71	57	34.3	39.0	-12.1%
West Irvine Elementary	63	61	40.5	39.5	2.5%
Estill Springs Elementary	63	36	46.0	56.9	-19.2%
South Irvine P/K Center	68	22	52.3	83.5	-37.4%
Total	64	53	43.8	47.7	-8.2%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

