

Estill County Schools Energy Management Package



November 2018

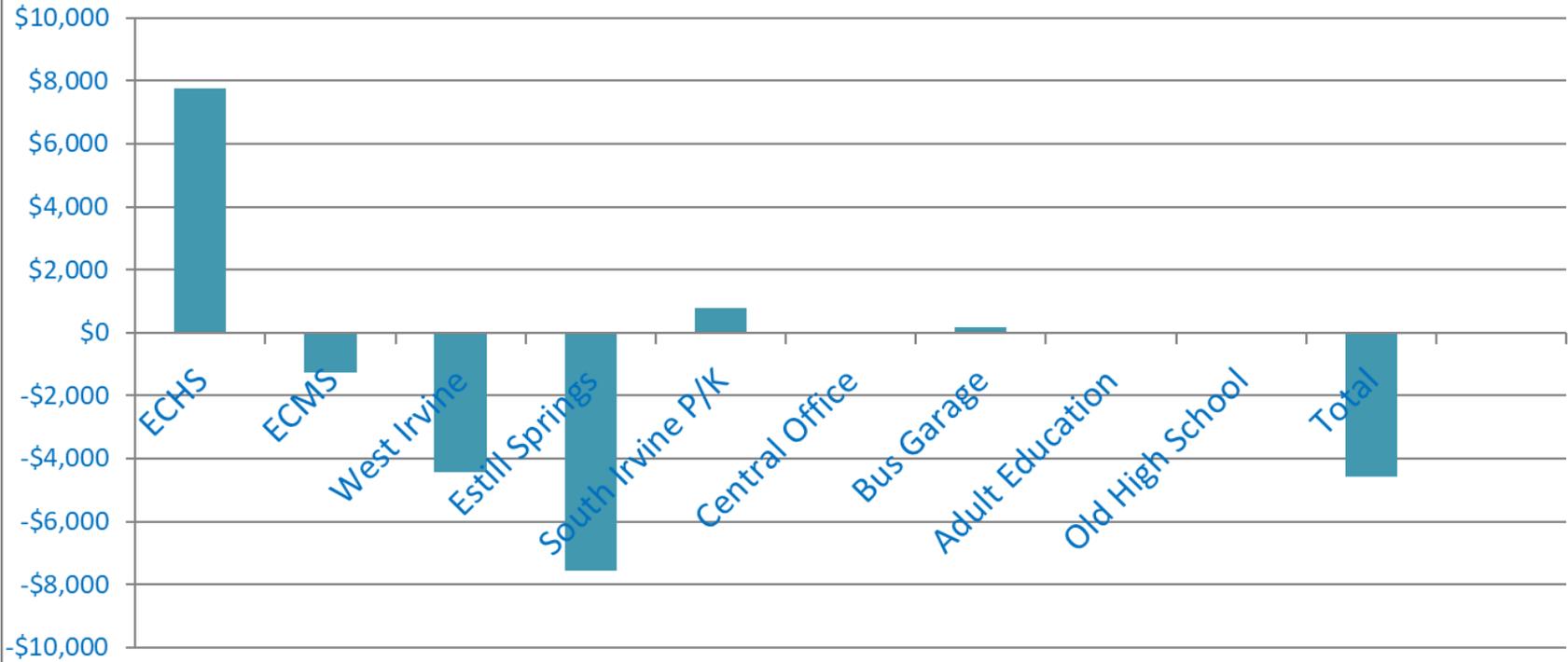


Estill County Schools Energy Management Report November 2018

School Facility	November					2016 - 2018 YTD Results				
	2017 Actual Kwh	2018 Actual Kwh	% Reduction	Position	\$ Cost Change	2017-18 Actual Kwh	2018-19 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	99,944	108,680	-8.74%	7	\$819	610,691	693,114	-13.5%	9	\$7,750
ECMS	80,427	80,758	-0.41%	4	\$31	461,512	448,043	2.9%	5	-\$1,267
West Irvine	80,320	57,600	28.29%	1	-\$2,129	417,200	370,240	11.3%	3	-\$4,416
Estill Springs	46,206	33,246	28.05%	2	-\$1,214	252,898	172,510	31.8%	1	-\$7,559
South Irvine P/K	18,692	18,869	-0.95%	5	\$17	129,366	137,862	-6.6%	7	\$799
Central Office	23,561	22,261	5.52%	3	-\$122	111,802	112,079	-0.2%	6	\$26
Bus Garage	2,331	2,442	-4.76%	6	\$10	18,279	19,935	-9.1%	8	\$156
Adult Education	511	578	-13.11%	8	\$6	4,357	3,815	12.4%	2	-\$51
Old High School	160	560	-250.00%	9	\$37	1,820	1,640	9.9%	4	-\$17
Total	352,152	324,994	7.71%		-\$2,545	2,007,925	1,959,238	2.4%		-\$4,578



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

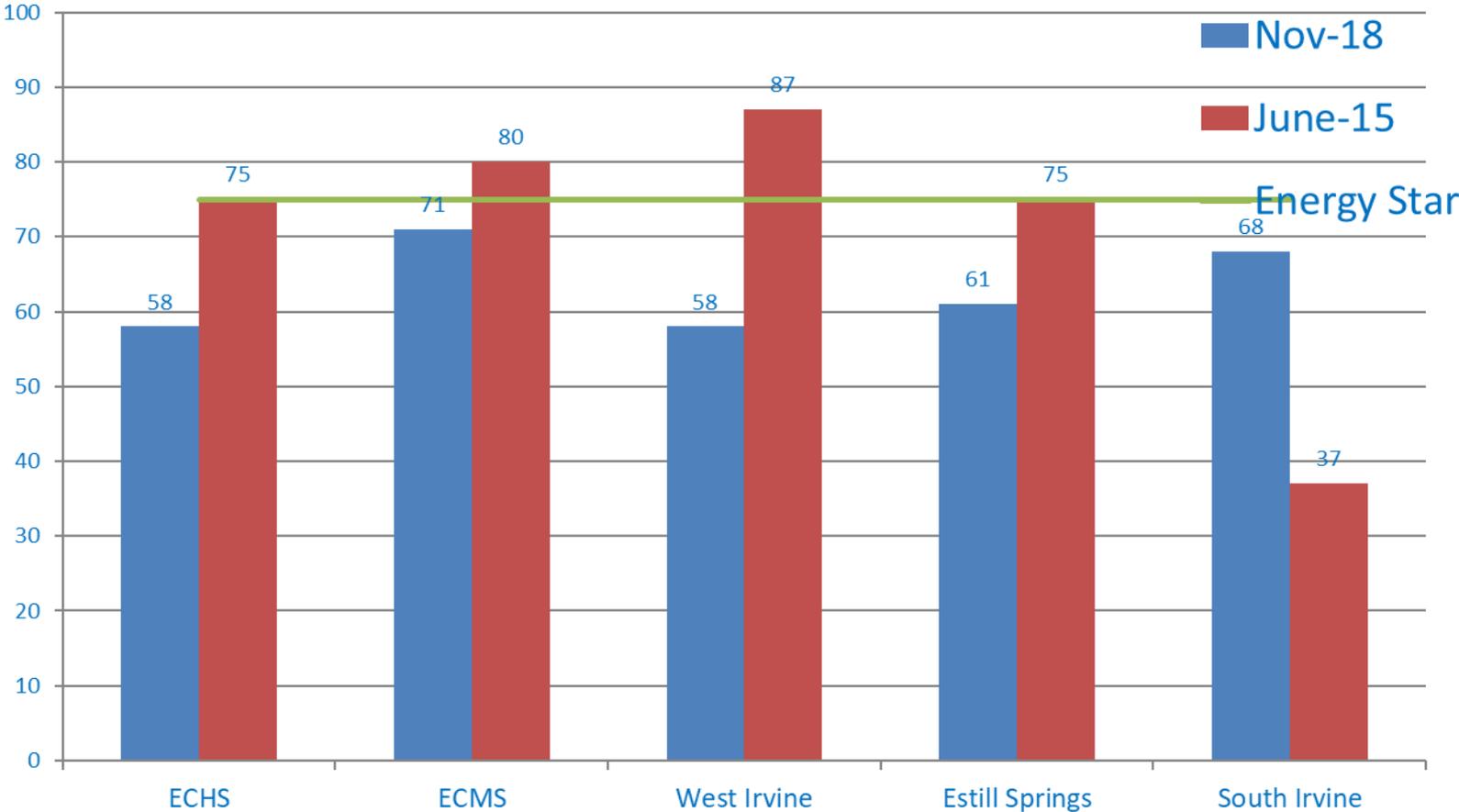
Energy Management Avoided Costs Summary

Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$2,512	\$2,512
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$49,668	\$49,668
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	9184.59		\$9,185
Total	\$27,822	\$503,388	\$531,210

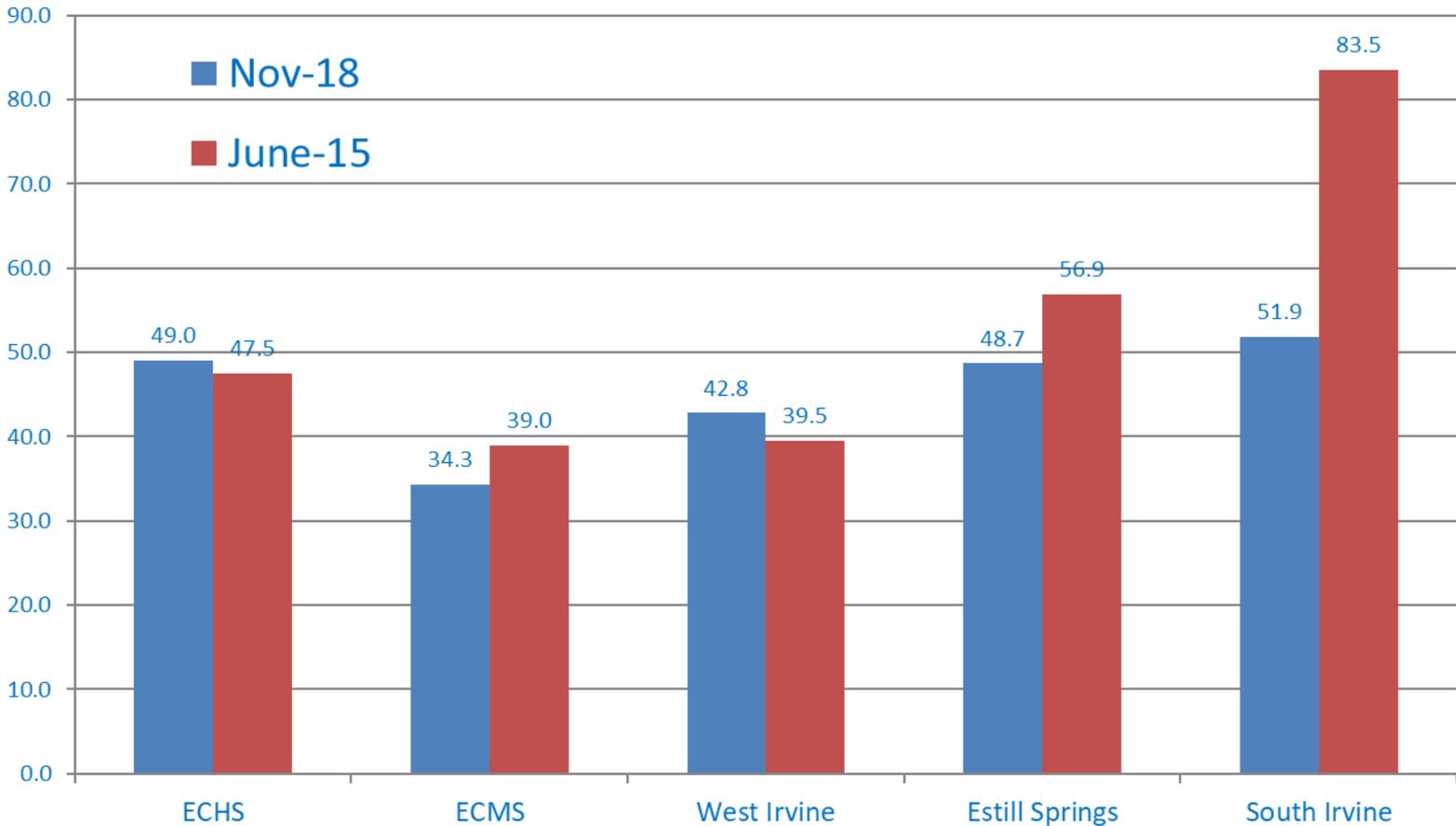
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Nov-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Nov-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	58	75	49.0	47.5	3.2%
Estill County Middle School	71	80	34.3	39.0	-12.1%
West Irvine Elementary	58	87	42.8	39.5	8.4%
Estill Springs Elementary	61	75	48.7	56.9	-14.4%
South Irvine P/K Center	68	37	51.9	83.5	-37.8%
Total	63	53	44.1	47.7	-7.5%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

