

Estill County Schools Energy Management Package



November 2019



Estill County Schools

Energy Management Report

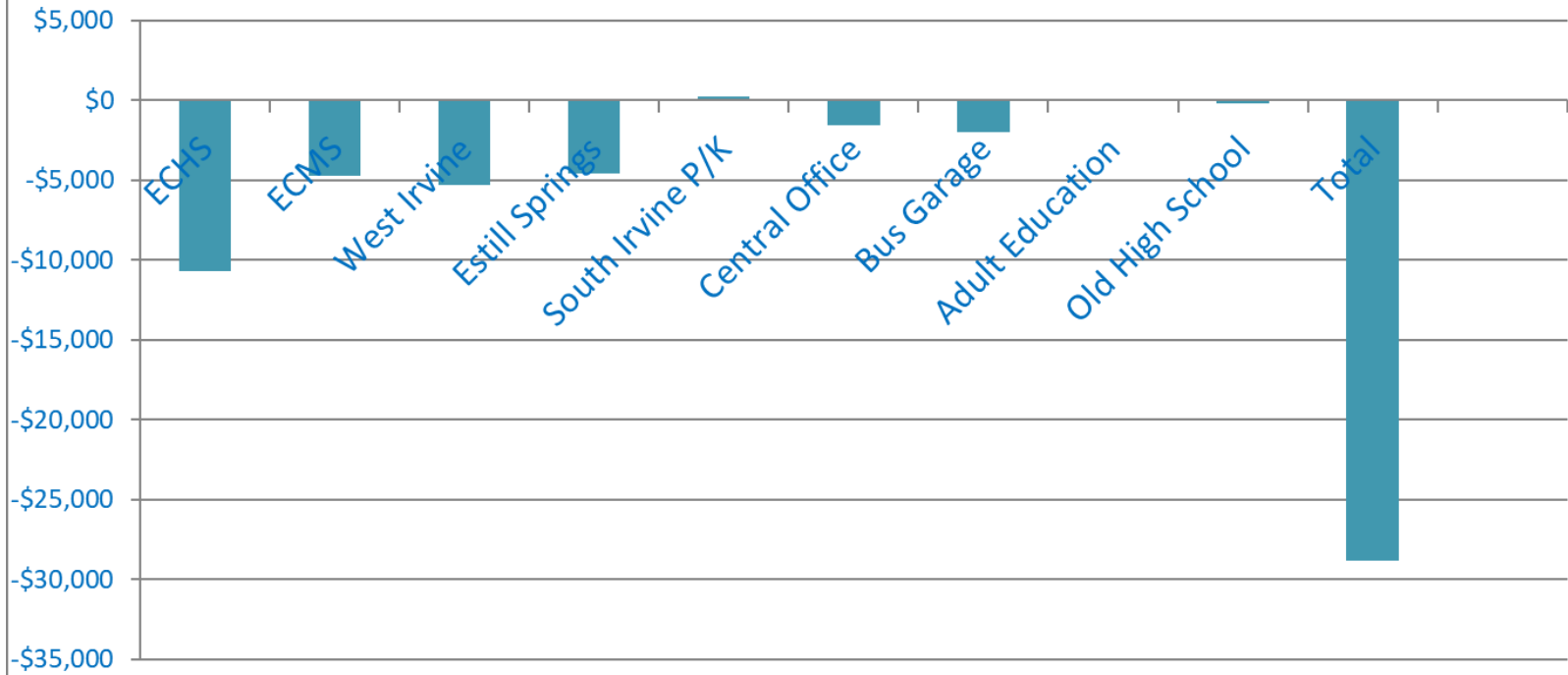
November 2019

School Facility	November					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
ECHS	108,680	108,663	0.02%	7	-\$2	693,114	585,949	15.5%	4	-\$10,741
ECMS	80,758	68,590	15.07%	5	-\$1,212	448,043	400,791	10.5%	8	-\$4,736
West Irvine	57,600	66,560	-15.56%	9	\$892	370,240	317,600	14.2%	5	-\$5,276
Estill Springs	33,246	24,889	25.14%	4	-\$832	172,510	126,889	26.4%	3	-\$4,573
South Irvine P/K	18,869	20,293	-7.55%	8	\$142	137,862	140,118	-1.6%	9	\$226
Central Office	22,261	19,409	12.81%	6	-\$284	112,079	96,475	13.9%	6	-\$1,564
Bus Garage	2,442		100.00%	1	-\$243	19,935		100.0%	1	-\$1,998
Adult Education	578	404	30.10%	3	-\$17	3,815	3,346	12.3%	7	-\$47
Old High School	560		100.00%	1	-\$56	1,640		100.0%	1	-\$164
Total	324,994	308,808	4.98%		-\$1,612	1,959,238	1,671,168	14.7%		-\$28,873



Electrical Energy Cost Comparison to Last Year

July 2019 - November 2019 \$ Cost Change



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

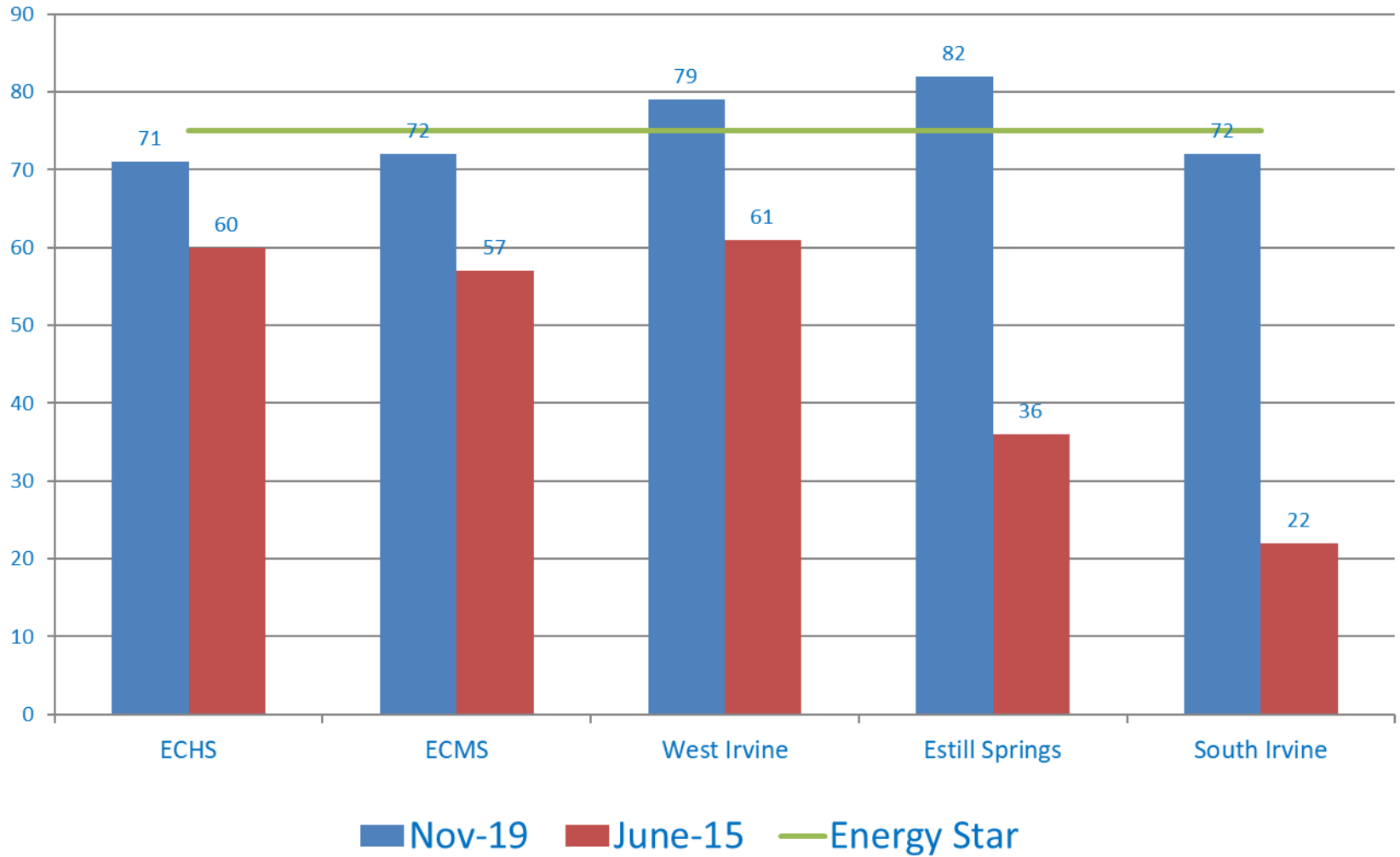
Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$2,512	\$2,512
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$84,160	\$84,160
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	\$6,514		\$6,514
Total	\$25,152	\$537,879	\$563,031
Total Cost Avoided This Month		\$26,581	
Total Cumulative Savings		\$321,823	



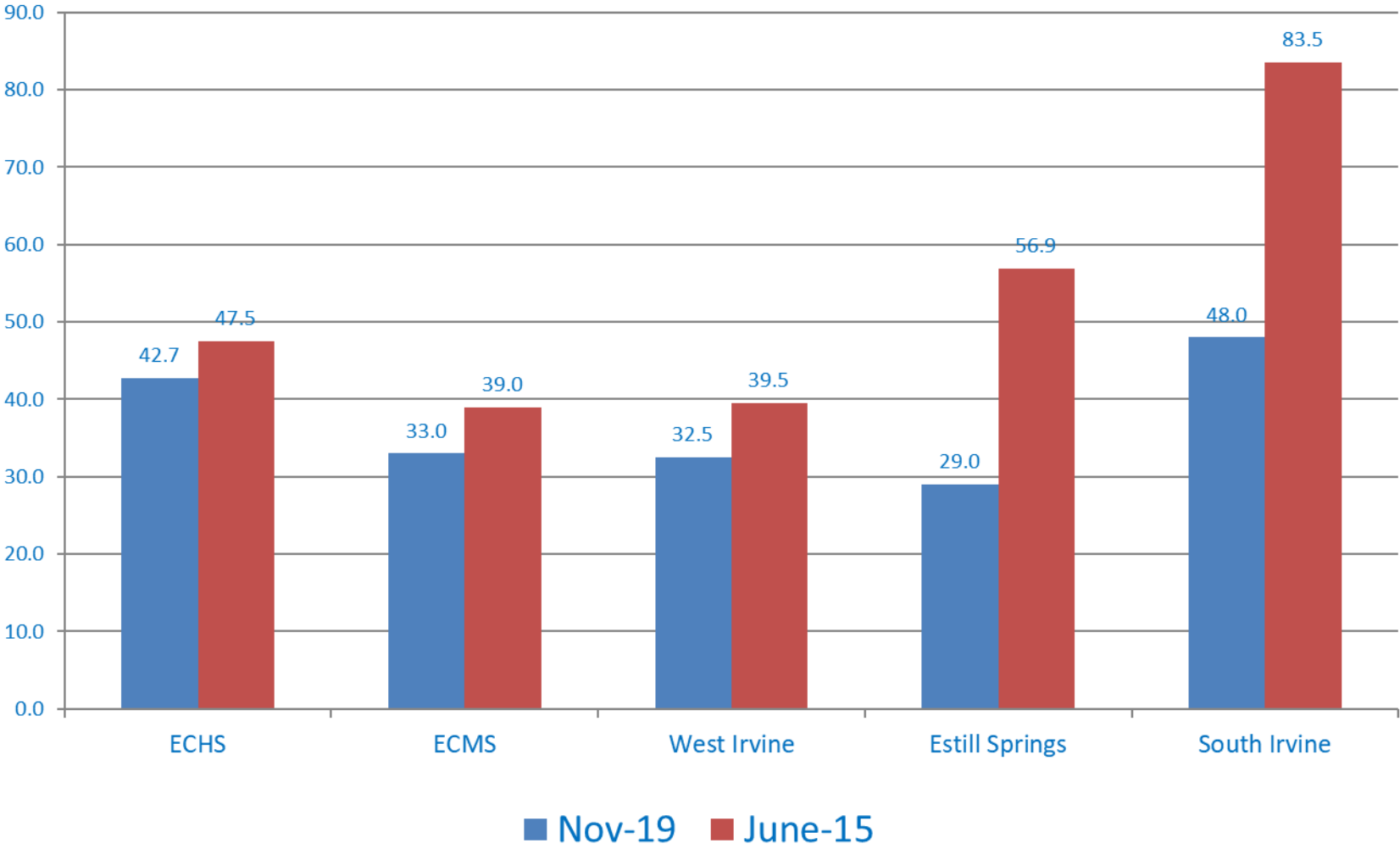
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Nov-19	Rating (1-100) June-15	Energy Use kbtu/sq ft Nov-19	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	71	60	42.7	47.5	-10.1%
Estill County Middle School	72	57	33.0	39.0	-15.4%
West Irvine Elementary	79	61	32.5	39.5	-17.7%
Estill Springs Elementary	82	36	29.0	56.9	-49.0%
South Irvine P/K Center	72	22	48.0	83.5	-42.5%
Total	74	53	36.7	47.7	-23.1%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

