

Estill County Schools Energy Management Package



September 2018



Estill County Schools

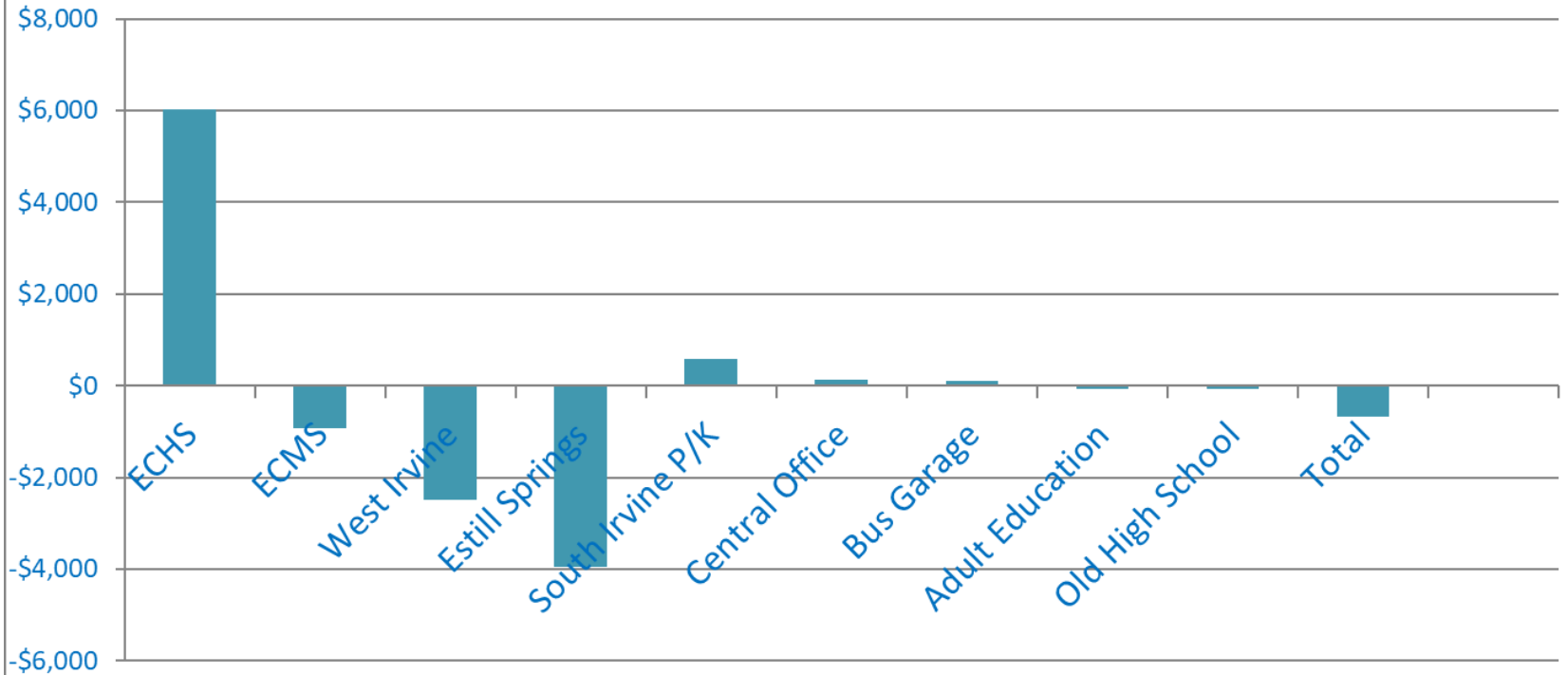
Energy Management Report

September 2018

School Facility	September					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	120,392	153,739	-27.70%	9	\$3,078	406,924	470,799	-15.7%	9	\$6,039
ECMS	100,392	101,131	-0.74%	5	\$68	296,060	286,247	3.3%	5	-\$928
West Irvine	94,560	83,520	11.68%	3	-\$1,019	254,640	228,320	10.3%	4	-\$2,488
Estill Springs	59,090	47,734	19.22%	2	-\$1,048	152,588	110,840	27.4%	2	-\$3,947
South Irvine P/K	27,791	31,035	-11.67%	6	\$299	85,207	91,278	-7.1%	7	\$574
Central Office	20,422	23,082	-13.03%	7	\$246	69,026	70,443	-2.1%	6	\$134
Bus Garage	3,340	4,252	-27.31%	8	\$84	13,755	14,792	-7.5%	8	\$98
Adult Education	990	914	7.68%	4	-\$7	3,371	2,531	24.9%	3	-\$79
Old High School	1,040	480	53.85%	1	-\$52	1,500	760	49.3%	1	-\$70
Total	428,017	445,887	-4.18%		\$1,649	1,283,071	1,276,010	0.6%		-\$668

Electrical Energy Cost Comparison to Last Year

June 2017 - August 2018 \$ Cost Change



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

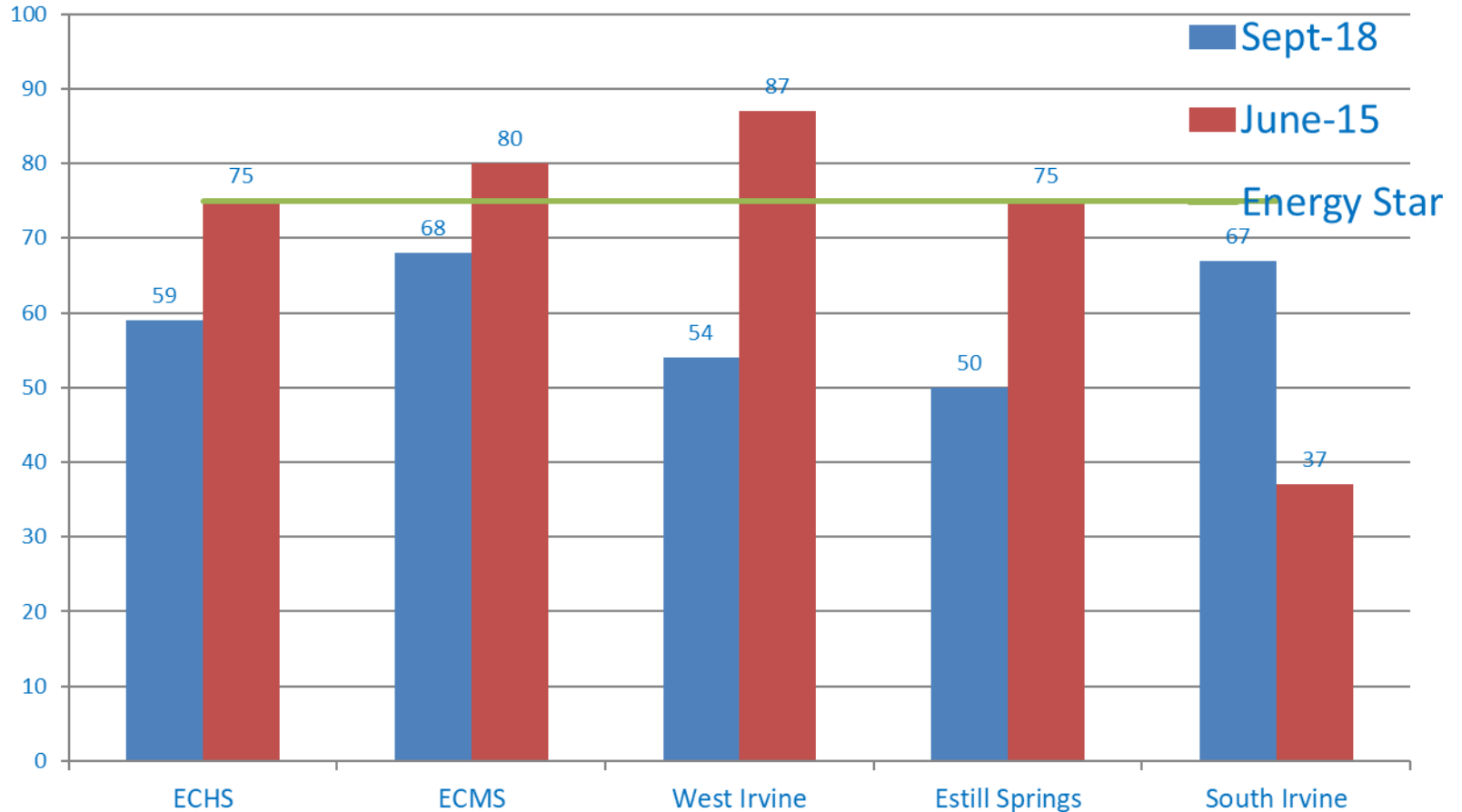
Energy Management Avoided Costs Summary

Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$1,507	\$1,507
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$20,356	\$20,356
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	9184.59		\$9,185
Total	\$27,822	\$473,070	\$500,892

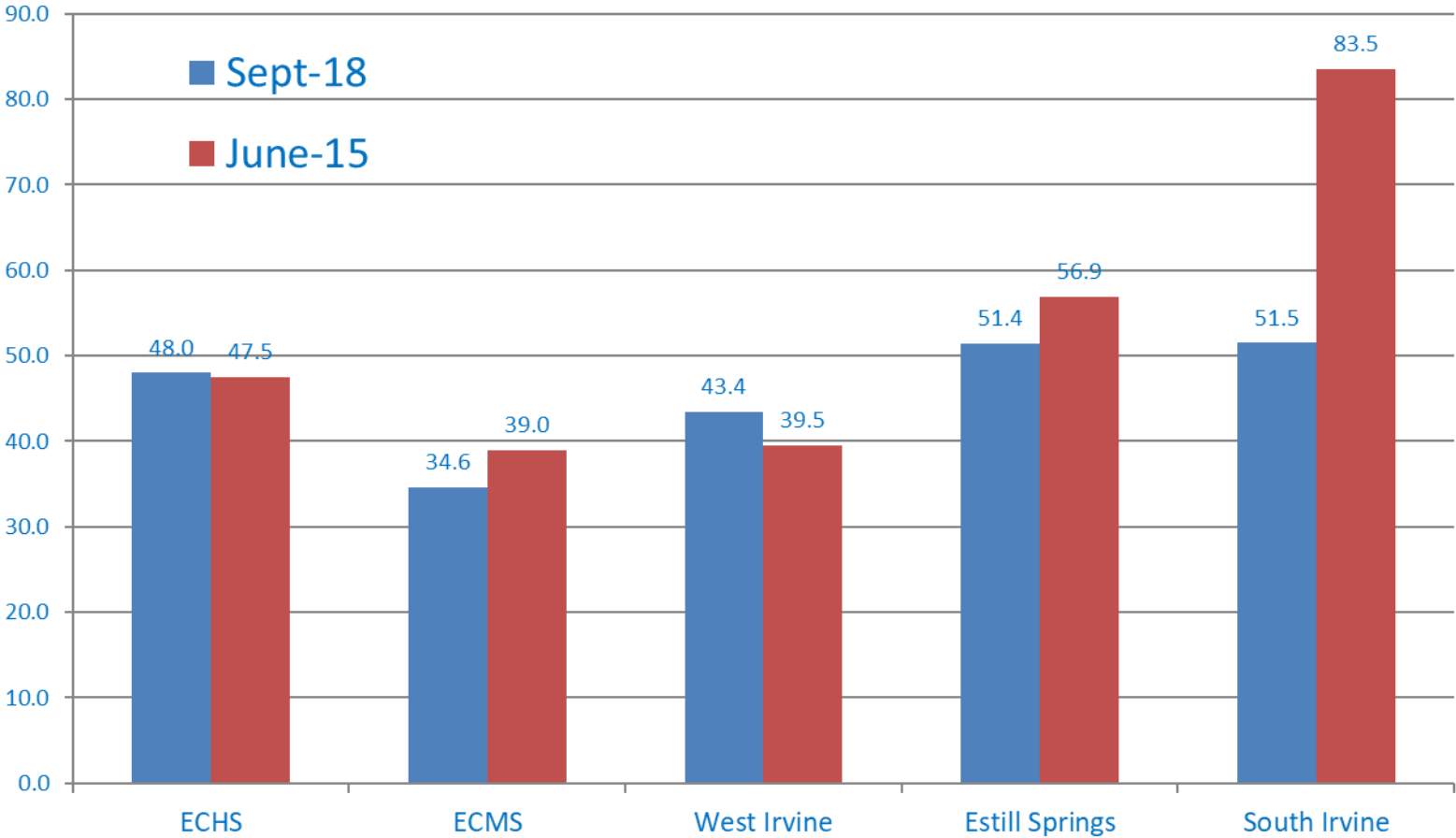
Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Sept-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Sept-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	59	75	48.0	47.5	1.1%
Estill County Middle School	68	80	34.6	39.0	-11.3%
West Irvine Elementary	54	87	43.4	39.5	9.9%
Estill Springs Elementary	50	75	51.4	56.9	-9.7%
South Irvine P/K Center	67	37	51.5	83.5	-38.3%
Total	60	53	44.3	47.7	-7.1%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

