

Estill County Schools Energy Management Package



February 2018

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		\$4,019	\$4,019
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$77,802	\$77,802
Energy Projects Prior Years	\$13,638		\$13,638
Energy Projects Current Year	4184.59		\$4,185
Total	\$17,822	\$425,818	\$443,640



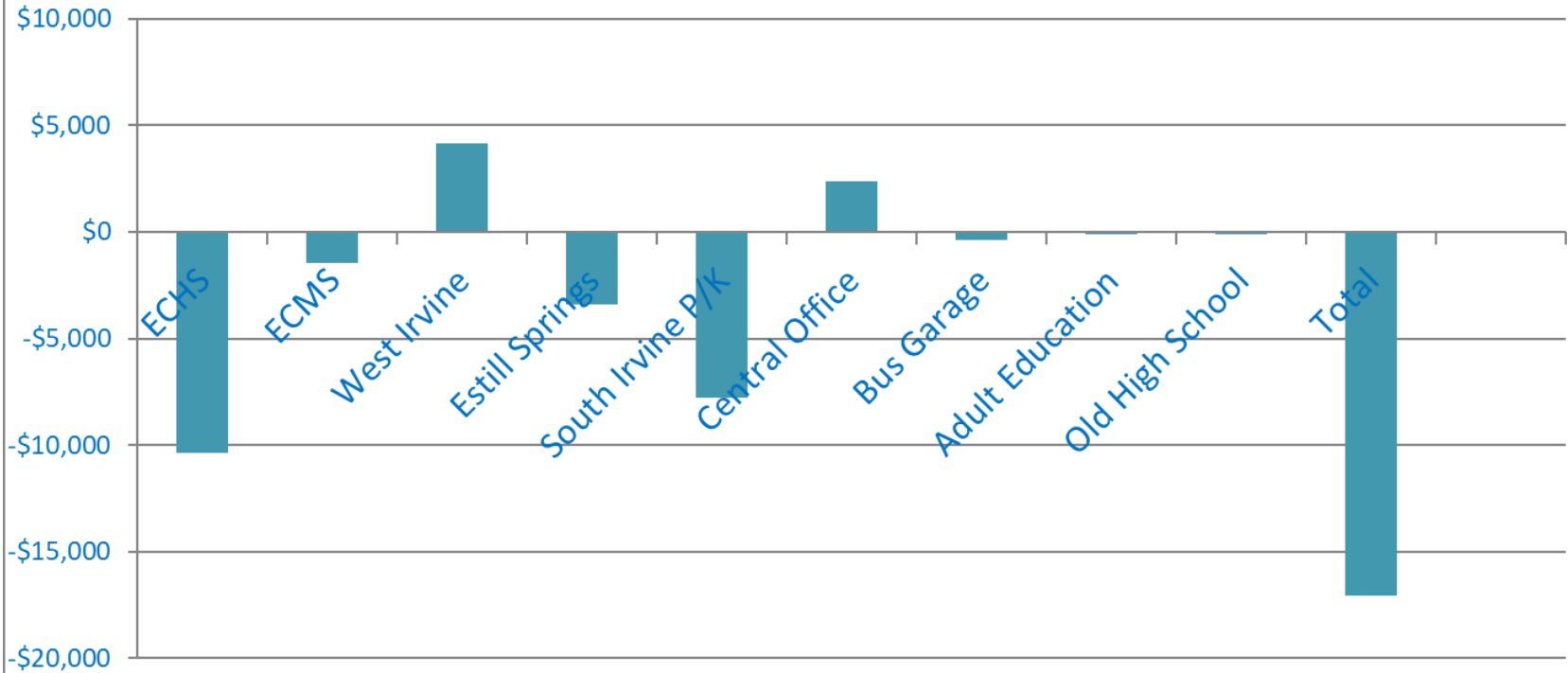


Estill County Schools Energy Management Report February 2018

School Facility	February					2016 - 2018 YTD Results				
	2016 Actual Kwh	2018 Actual Kwh	% Reduction	Position	\$ Cost Change	2016-18 Actual Kwh	2017-18 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	115,208	116,489	-1.11%	7	\$126	1,089,100	982,465	9.8%	5	-\$10,349
ECMS	90,841	72,974	19.67%	5	-\$1,750	734,028	719,228	2.0%	7	-\$1,436
West Irvine	91,520	82,720	9.62%	6	-\$862	652,960	695,760	-6.6%	8	\$4,154
Estill Springs	31,207	24,730	20.75%	4	-\$635	377,218	342,051	9.3%	6	-\$3,413
South Irvine P/K	32,578	23,577	27.63%	3	-\$882	287,990	207,588	27.9%	1	-\$7,803
Central Office	52,151	74,132	-42.15%	9	\$2,153	297,181	321,795	-8.3%	9	\$2,389
Bus Garage	2,827	3,573	-26.39%	8	\$73	34,181	30,206	11.6%	4	-\$386
Adult Education	740	462	37.57%	2	-\$27	7,134	5,823	18.4%	3	-\$127
Old High School	480	160	66.67%	1	-\$31	3,280	2,380	27.4%	2	-\$87
Total	417,552	398,817	4.49%		-\$1,835	3,483,072	3,307,296	5.0%		-\$17,059



Electrical Energy Cost Comparison to Last Year July 2017 - February 2018 \$ Cost Change



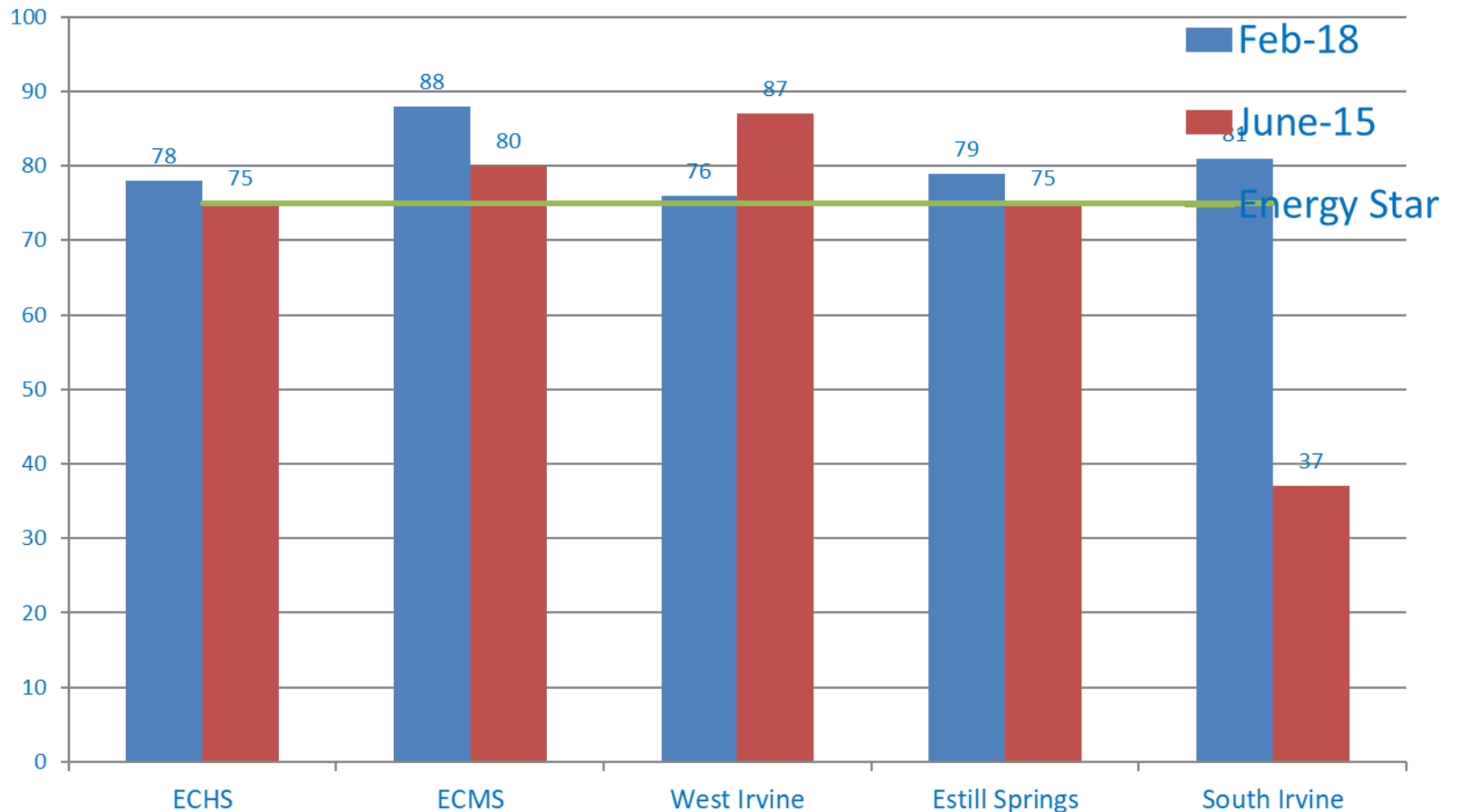
Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Feb-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Feb-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	78	75	44.0	47.5	-7.4%
Estill County Middle School	88	80	34.3	39.0	-12.1%
West Irvine Elementary	76	87	45.6	39.5	15.4%
Estill Springs Elementary	79	75	56.9	56.9	0.0%
South Irvine P/K Center	81	37	51.9	83.5	-37.8%
Total	81	76	44.1	47.7	-7.5%



Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

