

Estill County Schools Energy Management Package



November 2017

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		\$334,397	\$334,397
Consumption Savings Current Year		\$50,605	\$50,605
Energy Projects Prior Years	\$9,453		\$9,453
Energy Projects Current Year	0		\$0
Total	\$9,453	\$397,113	\$406,567



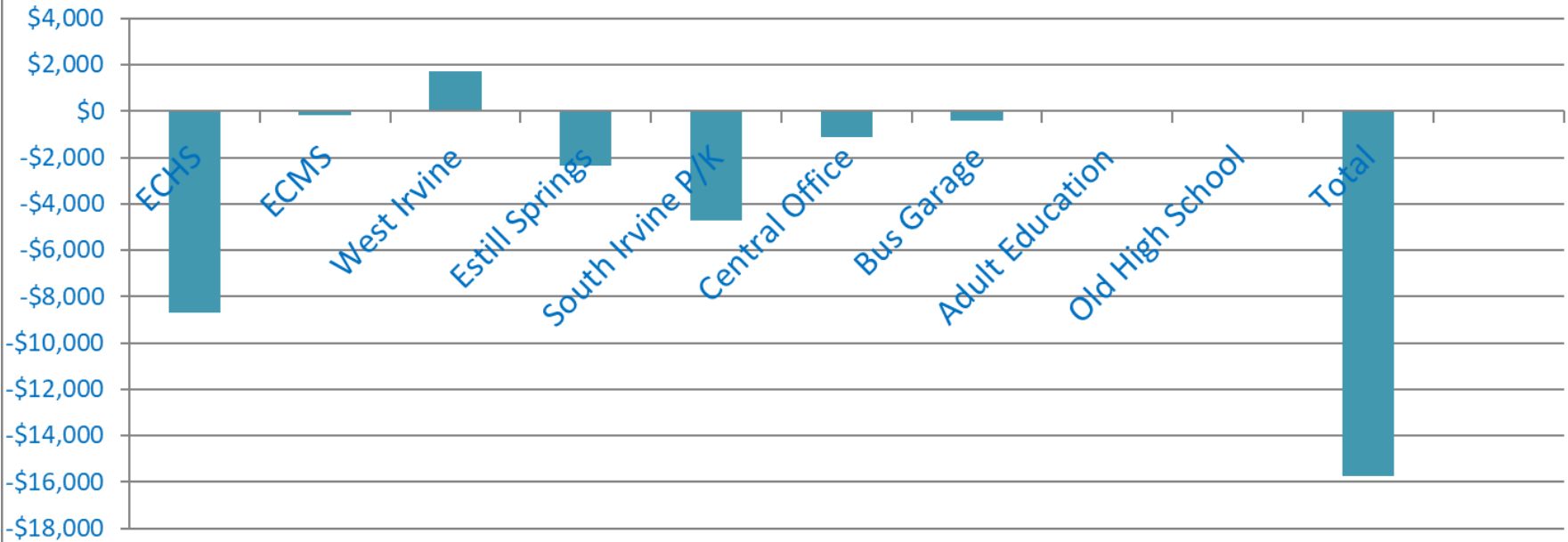


Estill County Schools Energy Management Report November 2017

School Facility	November					2016 - 2017 YTD Results				
	2016 Actual Kwh	2017 Actual Kwh	% Reduction	Position	\$ Cost Change	2016-17 Actual Kwh	2017-18 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	114,549	99,944	12.75%	3	-\$1,381	699,923	610,691	12.7%	3	-\$8,688
ECMS	72,438	80,427	-11.03%	9	\$755	463,211	461,512	0.4%	7	-\$165
West Irvine	77,760	80,320	-3.29%	6	\$242	399,680	417,200	-4.4%	8	\$1,706
Estill Springs	43,806	46,206	-5.48%	7	\$227	276,977	252,898	8.7%	6	-\$2,344
South Irvine P/K	24,524	18,692	23.78%	2	-\$551	177,664	129,366	27.2%	1	-\$4,703
Central Office	21,741	23,561	-8.37%	8	\$172	123,176	111,802	9.2%	5	-\$1,107
Bus Garage	2,632	2,331	11.44%	4	-\$28	22,588	18,279	19.1%	2	-\$420
Adult Education	570	511	10.35%	5	-\$6	4,929	4,357	11.6%	4	-\$56
Old High School	280	160	42.86%	1	-\$11	1,520	1,820	-19.7%	9	\$29
Total	358,300	352,152	1.72%		-\$581	2,169,668	2,007,925	7.5%		-\$15,748



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

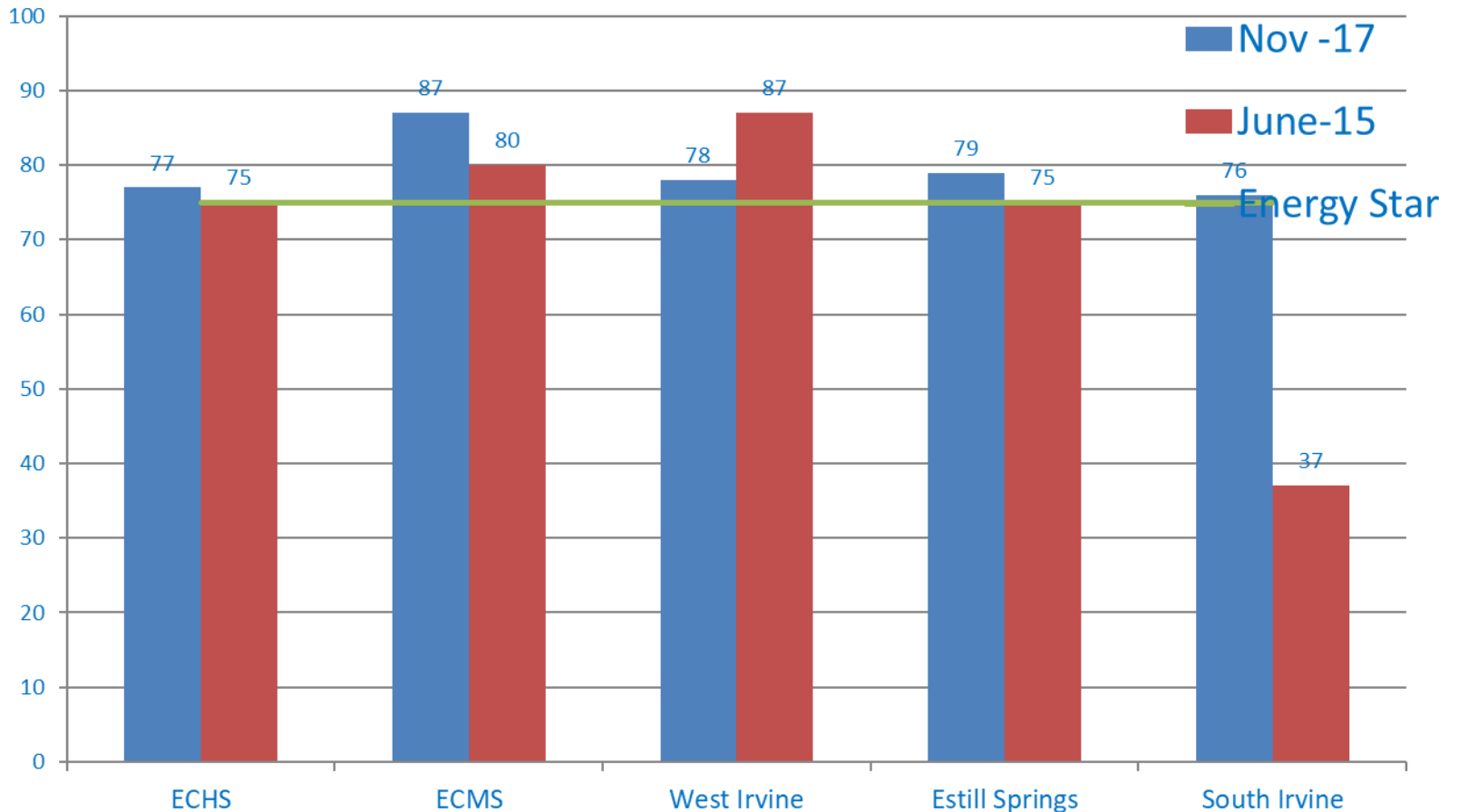


Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Nov -17	Rating (1-100) June-15	Energy Use kbtu/sq ft Nov -17	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	77	75	43.6	47.5	-8.2%
Estill County Middle School	87	80	34.8	39.0	-10.8%
West Irvine Elementary	78	87	44.5	39.5	12.7%
Estill Springs Elementary	79	75	54.8	56.9	-3.7%
South Irvine P/K Center	76	37	52.6	83.5	-37.0%
Total	80	76	43.7	47.7	-8.4%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

