

Estill County Schools Energy Management Package

October 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		\$2,010	\$2,010
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$28,309	\$28,309
Energy Projects Prior Years	\$9,453		\$9,453
Energy Projects Current Year	0		\$0
Total	\$9,453	\$374,315	\$383,768





Estill County Schools

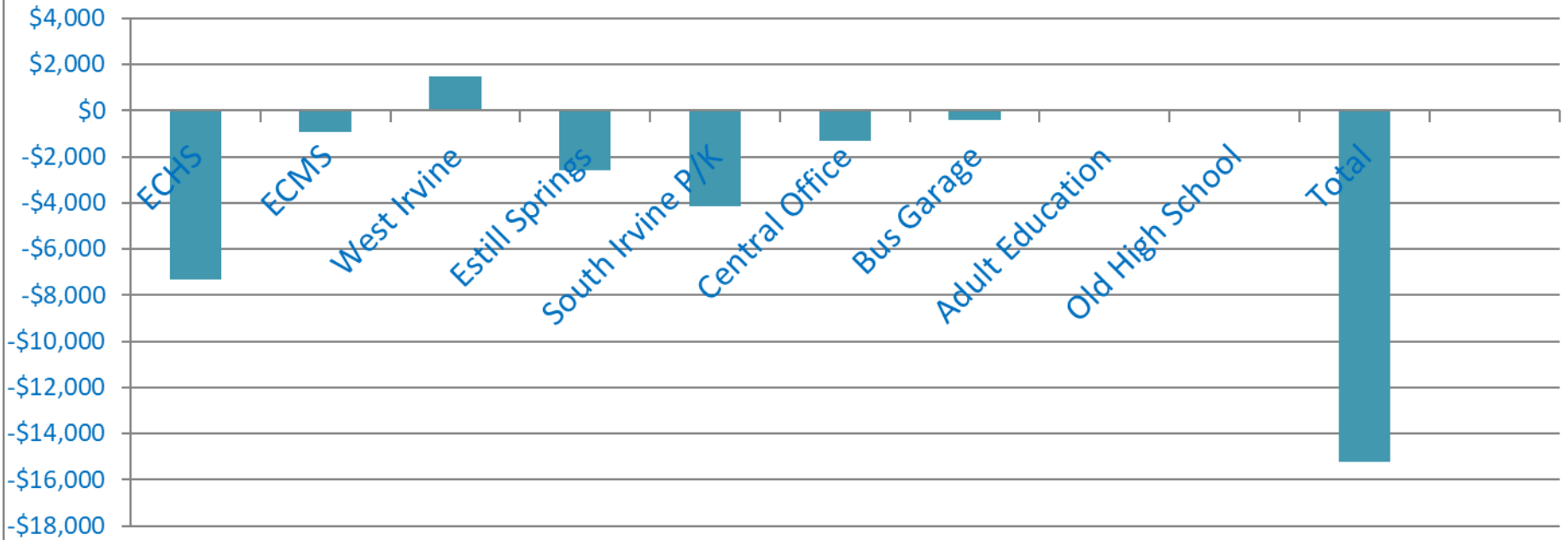
Energy Management Report

October 2017

School Facility	October					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	111,017	103,823	6.48%	5	-\$677	585,374	510,747	12.7%	4	-\$7,311
ECMS	75,285	85,025	-12.94%	9	\$916	390,773	381,085	2.5%	7	-\$949
West Irvine	74,080	82,240	-11.02%	7	\$768	321,920	336,880	-4.6%	8	\$1,466
Estill Springs	48,062	54,104	-12.57%	8	\$568	233,171	206,692	11.4%	6	-\$2,594
South Irvine P/K	28,783	25,467	11.52%	3	-\$312	153,140	110,674	27.7%	1	-\$4,160
Central Office	17,885	19,215	-7.44%	6	\$125	101,435	88,241	13.0%	3	-\$1,293
Bus Garage	2,475	2,193	11.39%	4	-\$27	19,956	15,948	20.1%	2	-\$393
Adult Education	731	475	35.02%	1	-\$24	4,359	3,846	11.8%	5	-\$50
Old High School	200	160	20.00%	2	-\$4	1,240	1,660	-33.9%	9	\$41
Total	358,518	372,702	-3.96%		\$1,334	1,811,368	1,655,773	8.6%		-\$15,243



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

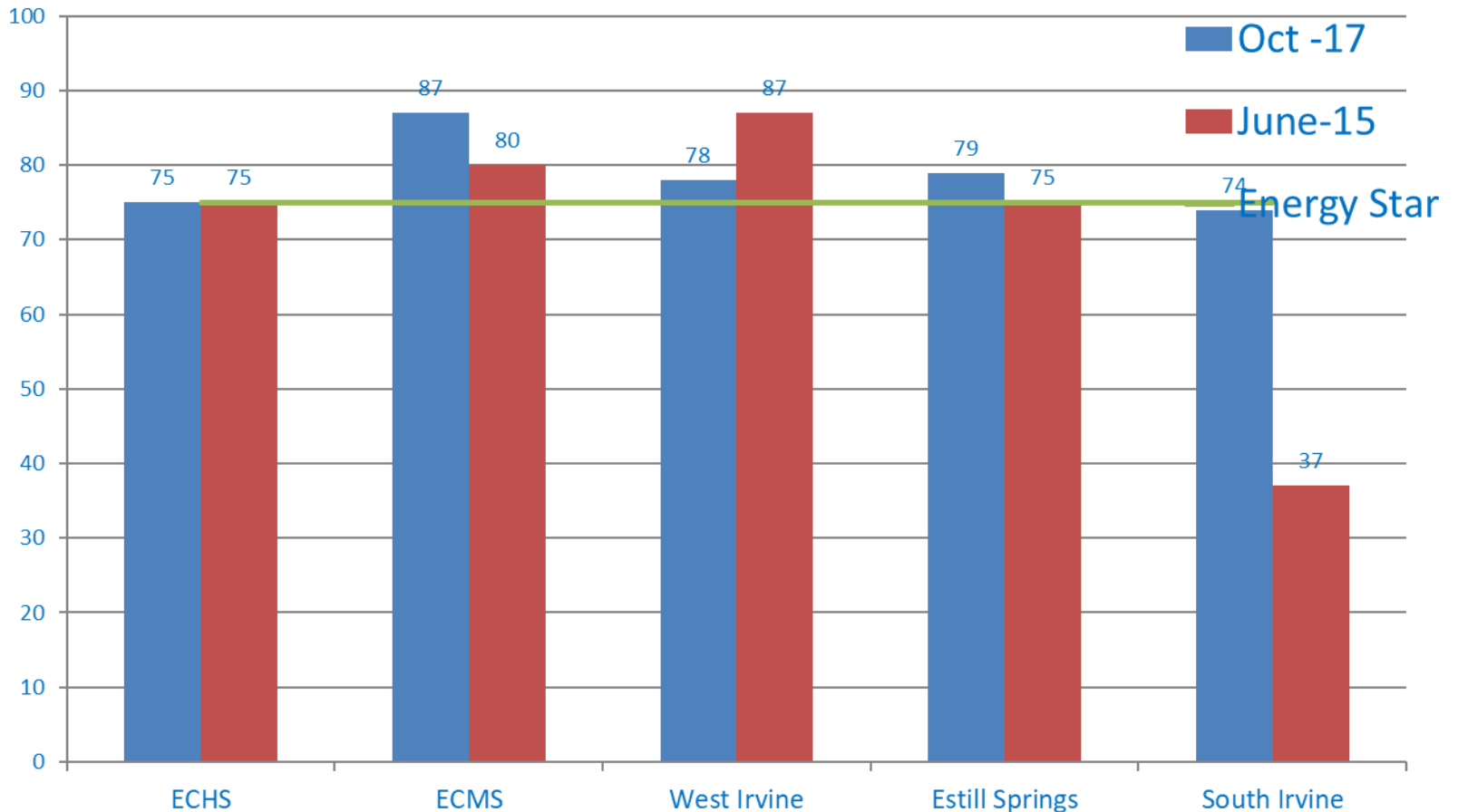


Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Oct -17	Rating (1-100) June-15	Energy Use kbtu/sq ft Oct -17	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	75	75	44.4	47.5	-6.5%
Estill County Middle School	87	80	34.3	39.0	-12.1%
West Irvine Elementary	78	87	44.1	39.5	11.6%
Estill Springs Elementary	79	75	55.3	56.9	-2.8%
South Irvine P/K Center	74	37	53.7	83.5	-35.7%
Total	79	76	43.9	47.7	-8.0%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

