

Estill County Schools Energy Management Package



June 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		\$6,029	\$6,029
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$101,082	\$101,082
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	9184.59		\$9,185
Total	\$27,822	\$451,108	\$478,930





Estill County Schools

Energy Management Report

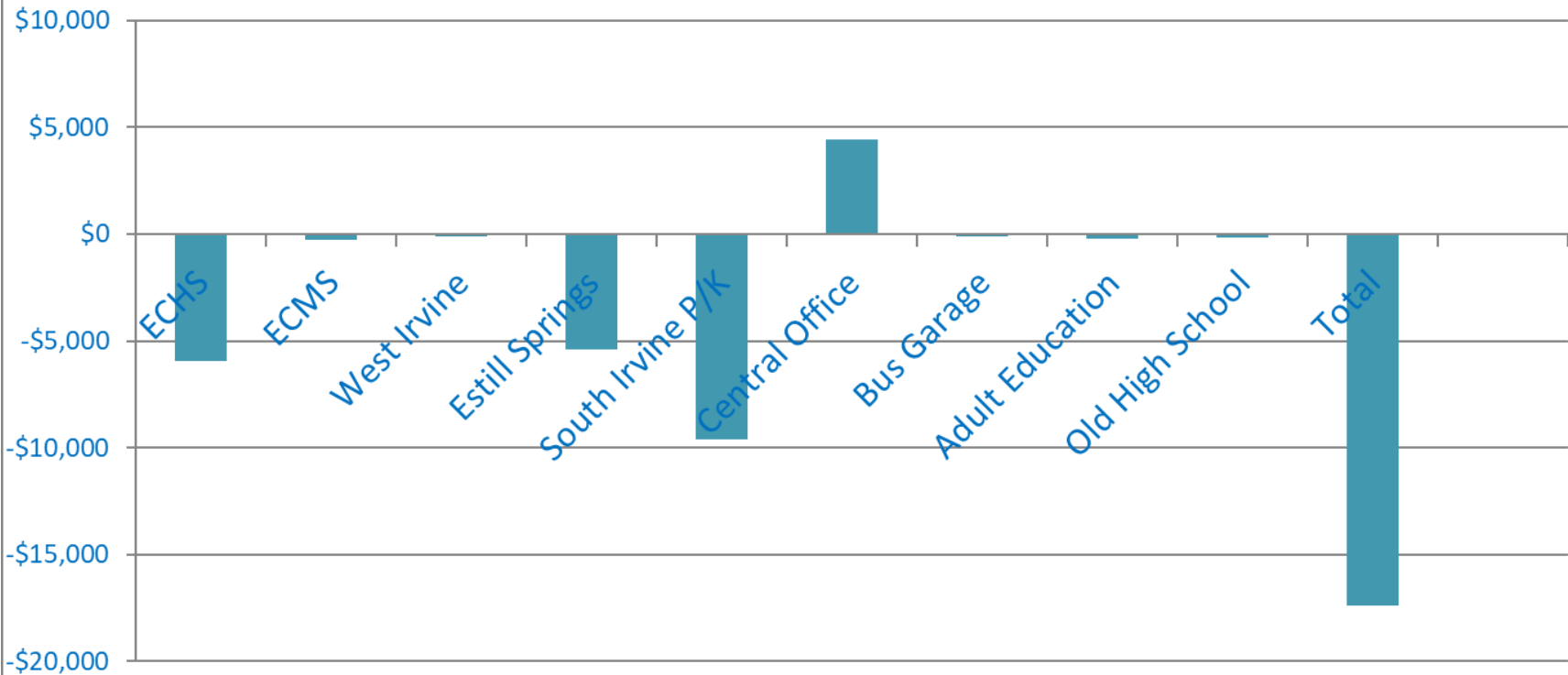
June 2018

School Facility	June					2016 - 2018 YTD Results				
	2017 Actual Kwh	2018 Actual Kwh	% Reduction	Position	\$ Cost Change	2016-18 Actual Kwh	2017-18 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	144,726	156,202	-7.93%	7	\$1,112	1,561,905	1,500,726	3.9%	5	-\$5,953
ECMS	70,874	72,617	-2.46%	3	\$169	1,056,549	1,053,657	0.3%	7	-\$281
West Irvine	82,000	86,240	-5.17%	4	\$411	992,240	991,120	0.1%	8	-\$109
Estill Springs	41,717	44,064	-5.63%	6	\$227	545,339	489,599	10.2%	4	-\$5,424
South Irvine P/K	28,248	29,808	-5.52%	5	\$151	398,910	300,216	24.7%	2	-\$9,604
Central Office	21,166	24,328	-14.94%	8	\$306	422,683	468,051	-10.7%	9	\$4,415
Bus Garage	4,429	5,330	-20.34%	9	\$87	47,540	46,508	2.2%	6	-\$100
Adult Education	1,105	863	21.90%	2	-\$23	10,226	8,228	19.5%	3	-\$194
Old High School	180	120	33.33%	1	-\$6	4,620	3,020	34.6%	1	-\$156
Total	394,445	419,572	-6.37%		\$2,435	5,040,012	4,861,125	3.5%		-\$17,407



Electrical Energy Cost Comparison to Last Year

July 2017 - June 2018 \$ Cost Change

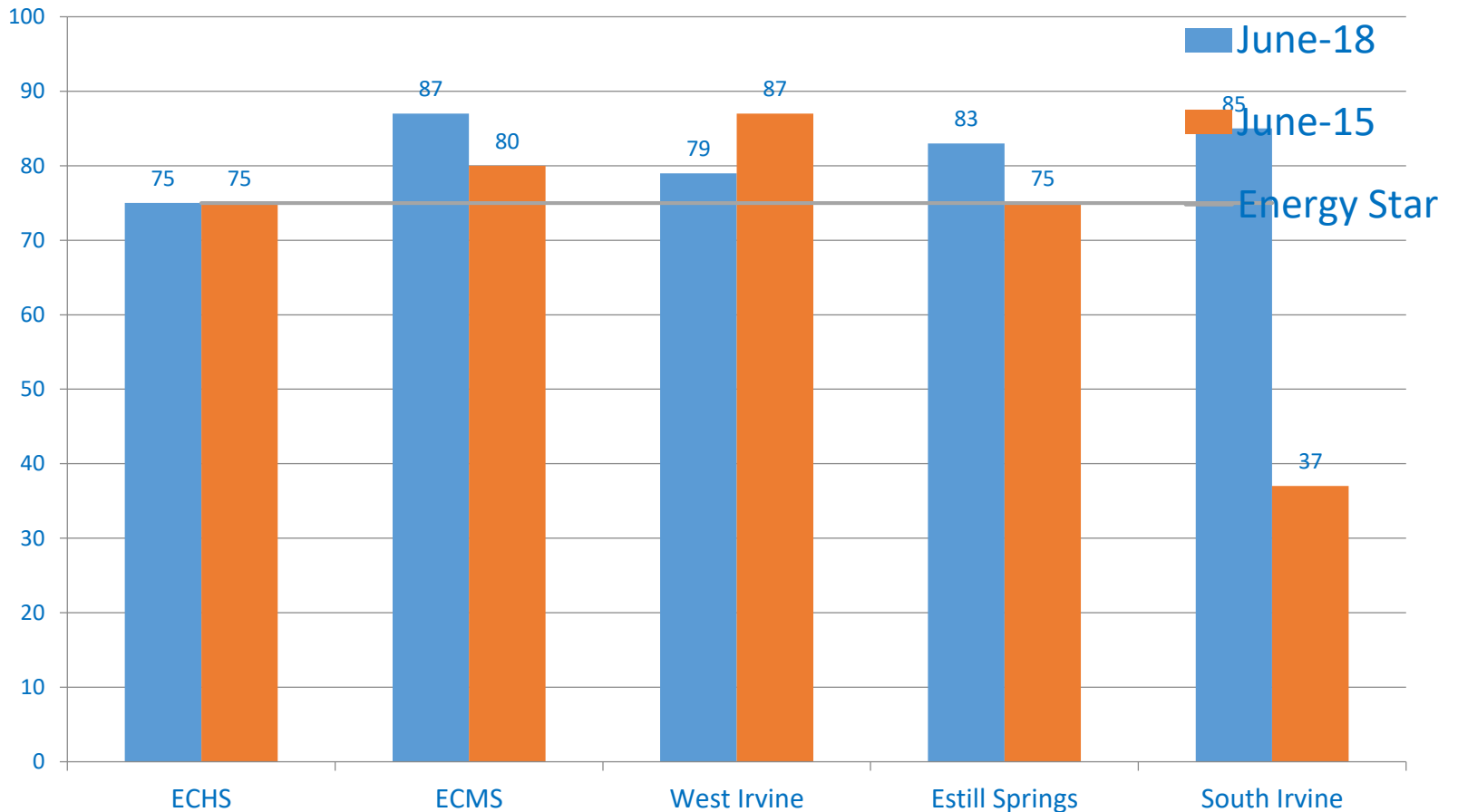


Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) June-18	Rating (1-100) June-15	Energy Use kbtu/sq ft June-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	75	75	46.9	47.5	-1.3%
Estill County Middle School	87	80	34.8	39.0	-10.8%
West Irvine Elementary	79	87	43.9	39.5	11.1%
Estill Springs Elementary	83	75	53.6	56.9	-5.8%
South Irvine P/K Center	85	37	51.0	83.5	-38.9%
Total	81	76	44.3	47.7	-7.1%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

