

Estill County Schools Energy Management Package



January 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		\$3,517	\$3,517
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$60,537	\$60,537
Energy Projects Prior Years	\$9,453		\$9,453
Energy Projects Current Year	0		\$0
Total	\$9,453	\$408,051	\$417,504





Estill County Schools

Energy Management Report

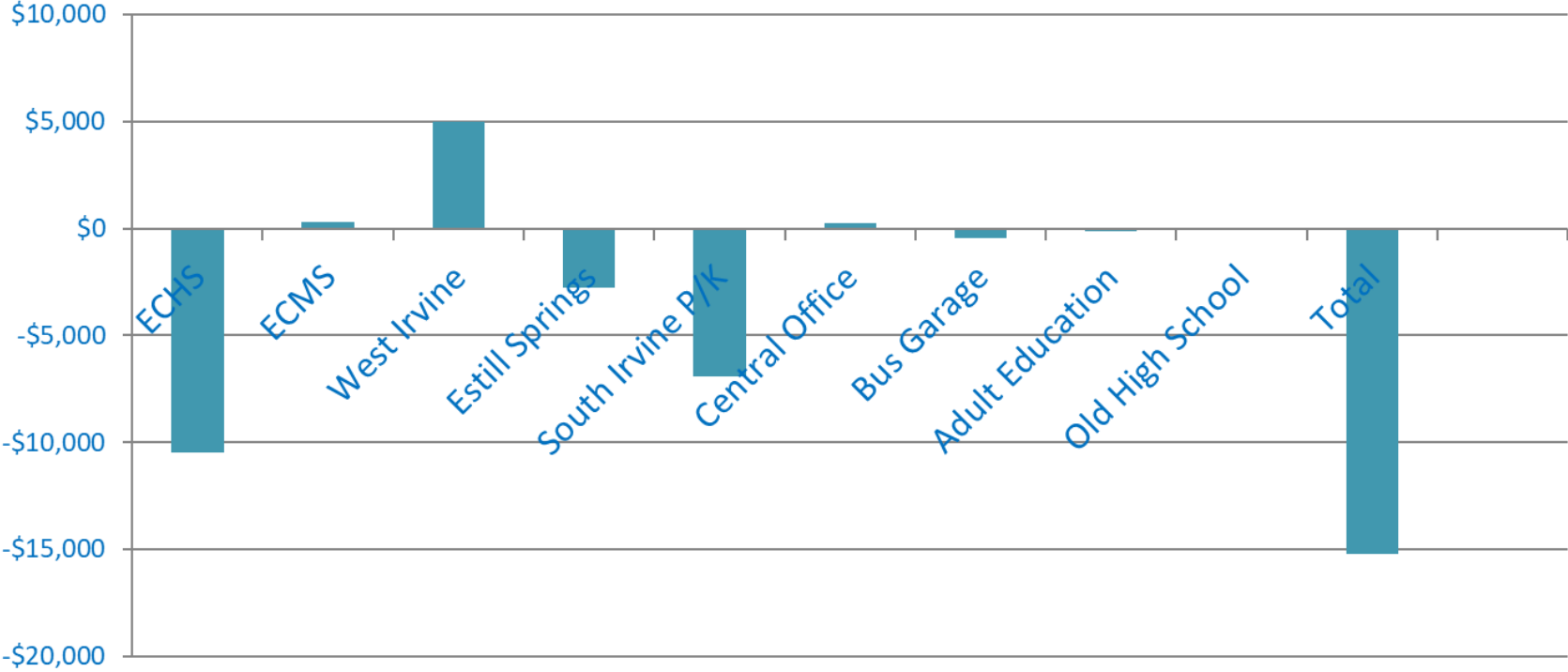
January 2018

School Facility	January					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	128,879	142,064	-10.23%	7	\$1,268	973,892	865,976	11.1%	5	-\$10,460
ECMS	95,383	95,144	0.25%	5	-\$23	643,187	646,254	-0.5%	7	\$297
West Irvine	78,880	98,080	-24.34%	9	\$1,847	561,440	613,040	-9.2%	9	\$5,001
Estill Springs	32,080	29,921	6.73%	4	-\$208	346,011	317,321	8.3%	6	-\$2,781
South Irvine P/K	40,000	31,632	20.92%	3	-\$805	255,412	184,011	28.0%	1	-\$6,921
Central Office	75,754	87,674	-15.74%	8	\$1,147	245,030	247,663	-1.1%	8	\$255
Bus Garage	4,223	4,294	-1.68%	6	\$7	31,354	26,633	15.1%	4	-\$458
Adult Education	687	481	29.99%	2	-\$20	6,394	5,361	16.2%	3	-\$100
Old High School	600	200	66.67%	1	-\$38	2,800	2,220	20.7%	2	-\$56
Total	456,486	489,490	-7.23%		\$3,175	3,065,520	2,908,479	5.1%		-\$15,221



Electrical Energy Cost Comparison to Last Year

July 2017 - January 2018 \$ Cost Change



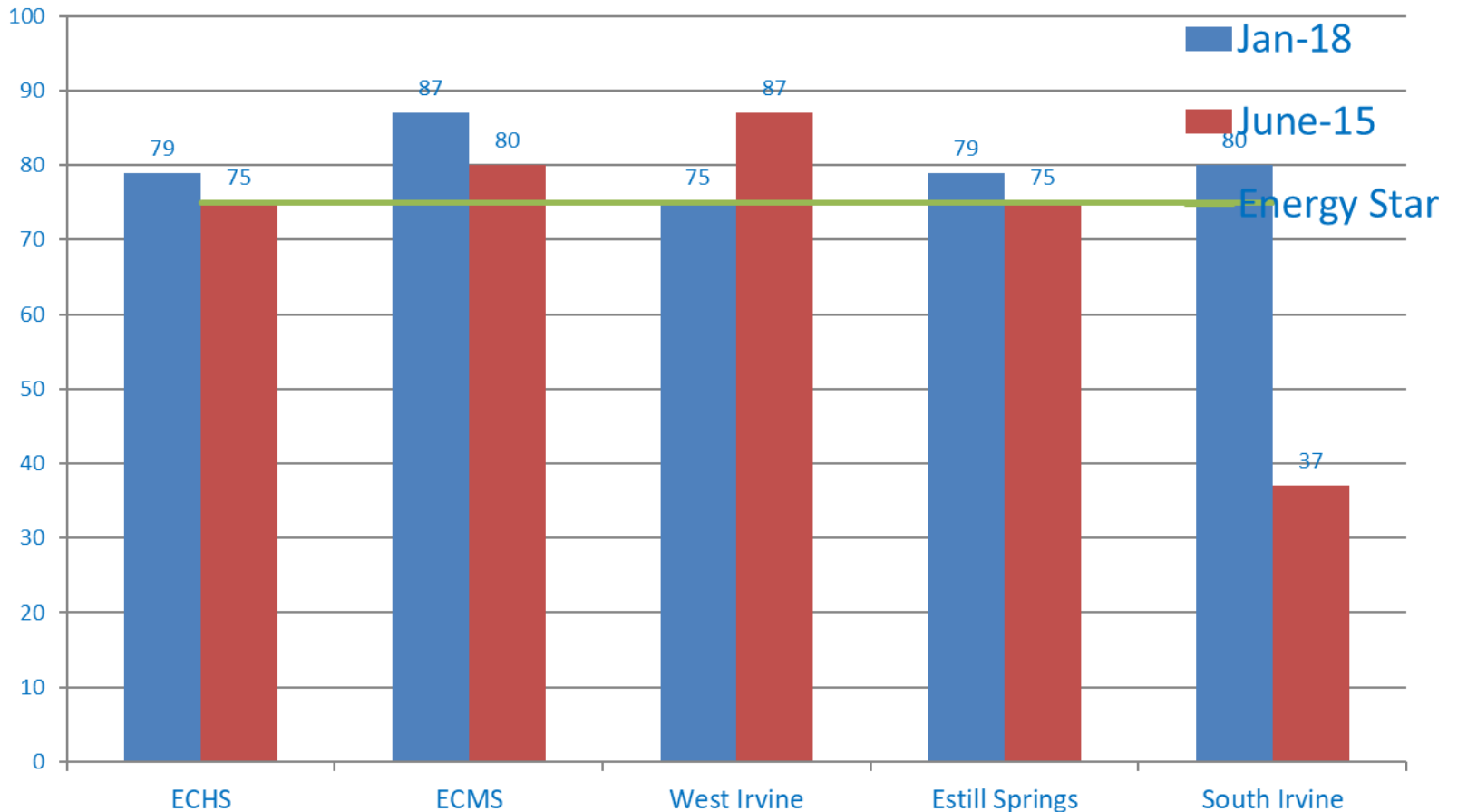
Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs



Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Jan-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Jan-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	79	75	43.5	47.5	-8.4%
Estill County Middle School	87	80	34.9	39.0	-10.5%
West Irvine Elementary	75	87	45.9	39.5	16.2%
Estill Springs Elementary	79	75	56.4	56.9	-0.9%
South Irvine P/K Center	80	37	51.8	83.5	-38.0%
Total	80	76	44.1	47.7	-7.5%

Energy Star Portfolio Manager Ratings



Energy Star Portfolio Manager Ratings

