

Estill County Schools Energy Management Package



July 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		\$502	\$502
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$2,353	\$2,353
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	9184.59		\$9,185
Total	\$27,822	\$454,063	\$481,885





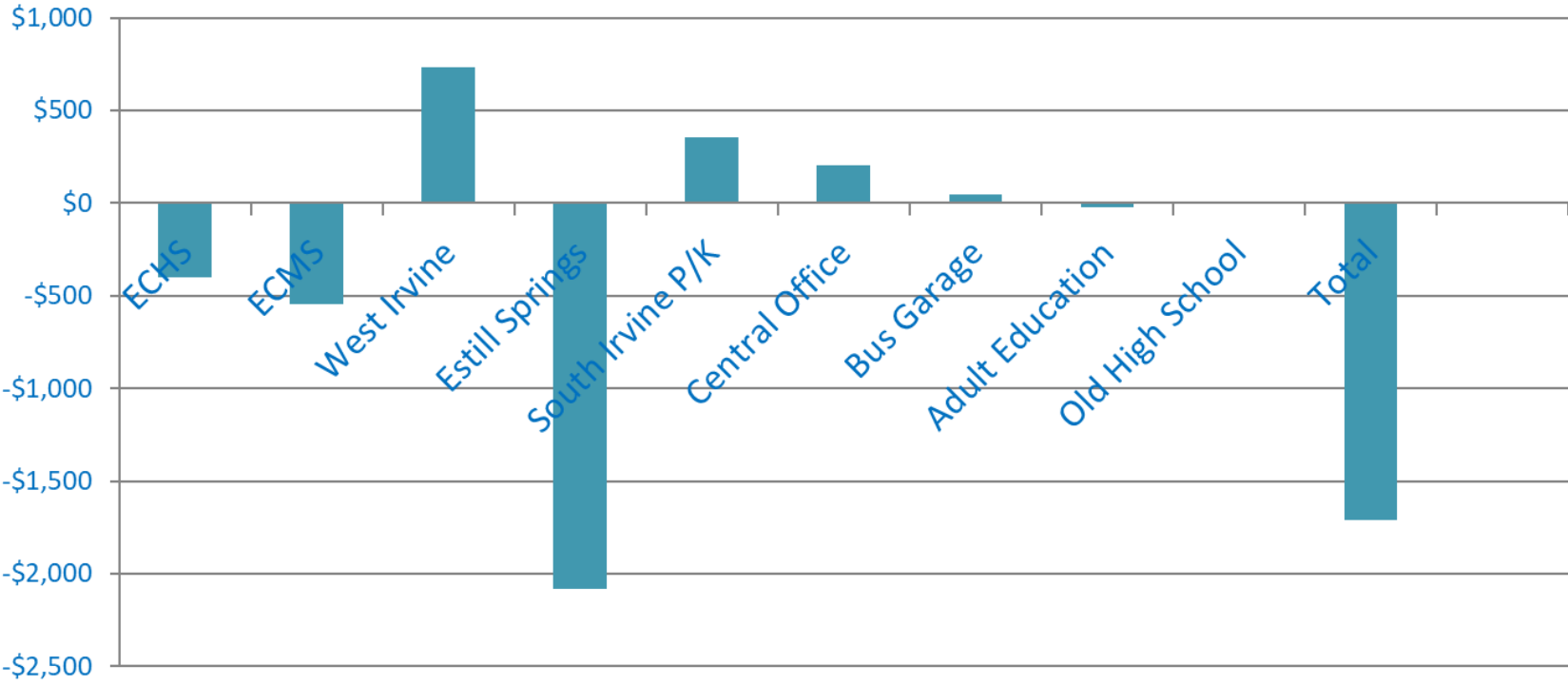
Estill County Schools Energy Management Report July 2018

School Facility	July					2016 - 2018 YTD Results				
	2017 Actual Kwh	2018 Actual Kwh	% Reduction	Position	\$ Cost Change	2017-18 Actual Kwh	2018-19 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECBS	146,790	142,575	2.87%	5	-\$397	146,790	142,575	2.9%	5	-\$397
ECMS	85,217	79,401	6.82%	4	-\$548	85,217	79,401	6.8%	4	-\$548
West Irvine	82,000	89,760	-9.46%	6	\$731	82,000	89,760	-9.5%	6	\$731
Estill Springs	41,590	19,489	53.14%	1	-\$2,083	41,590	19,489	53.1%	1	-\$2,083
South Irvine P/K	28,247	32,026	-13.38%	9	\$356	28,247	32,026	-13.4%	9	\$356
Central Office	22,135	24,284	-9.71%	7	\$203	22,135	24,284	-9.7%	7	\$203
Bus Garage	5,169	5,695	-10.18%	8	\$50	5,169	5,695	-10.2%	8	\$50
Adult Education	1,105	873	21.00%	2	-\$22	1,105	873	21.0%	2	-\$22
Old High School	180	160	11.11%	3	-\$2	180	160	11.1%	3	-\$2
Total	412,433	394,263	4.41%		-\$1,712	412,433	394,263	4.4%		-\$1,712



Electrical Energy Cost Comparison to Last Year

June 2017 - July 2018 \$ Cost Change



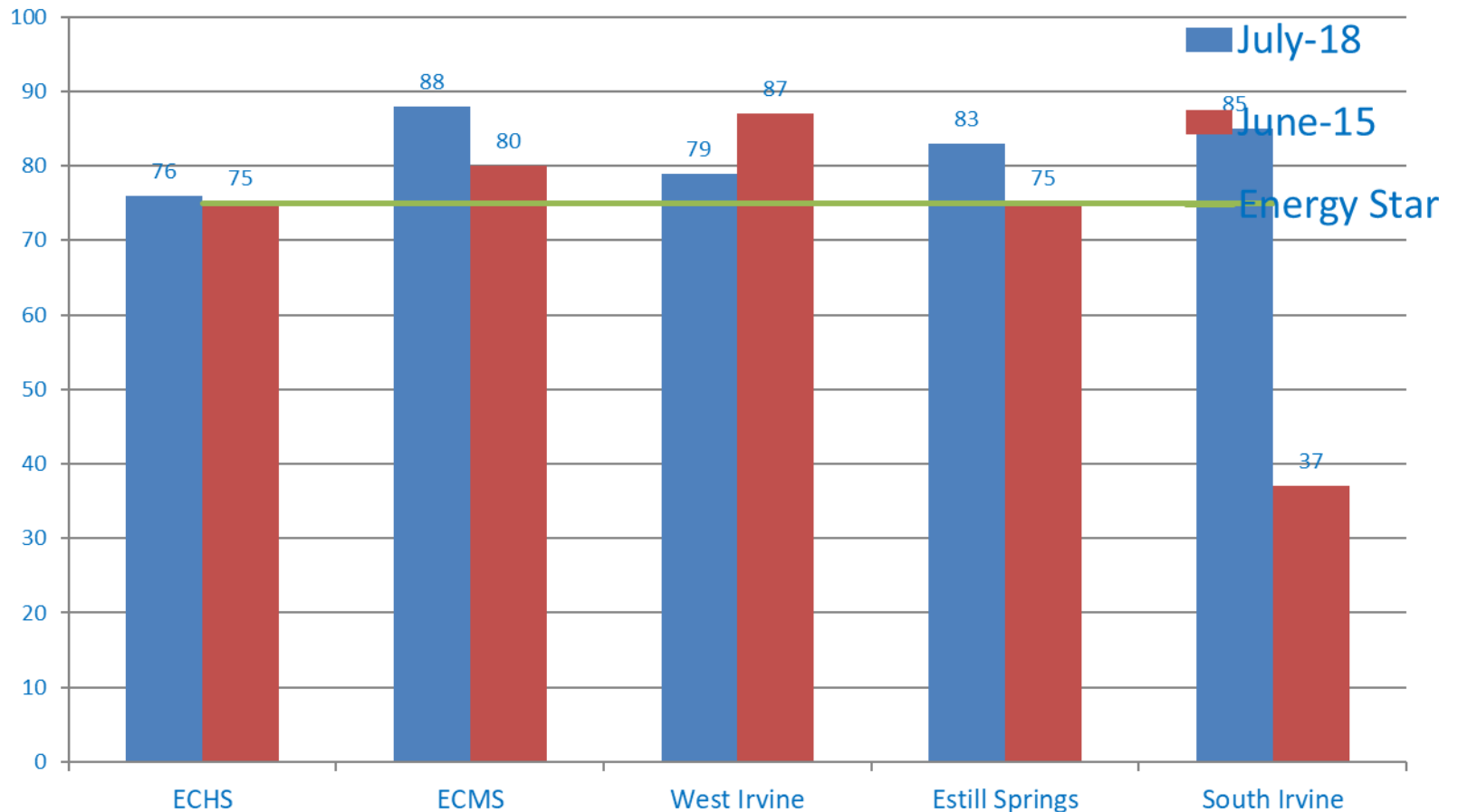
Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs



Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) July-18	Rating (1-100) June-15	Energy Use kbtu/sq ft July-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	76	75	47.1	47.5	-0.8%
Estill County Middle School	88	80	34.8	39.0	-10.8%
West Irvine Elementary	79	87	44.0	39.5	11.4%
Estill Springs Elementary	83	75	53.5	56.9	-6.0%
South Irvine P/K Center	85	37	51.1	83.5	-38.8%
Total	81	76	44.4	47.7	-6.9%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

