

Estill County Schools Energy Management Package



April 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		\$5,024	\$5,024
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$90,181	\$90,181
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	9184.59		\$9,185
Total	\$27,822	\$439,202	\$467,024





Estill County Schools

Energy Management Report

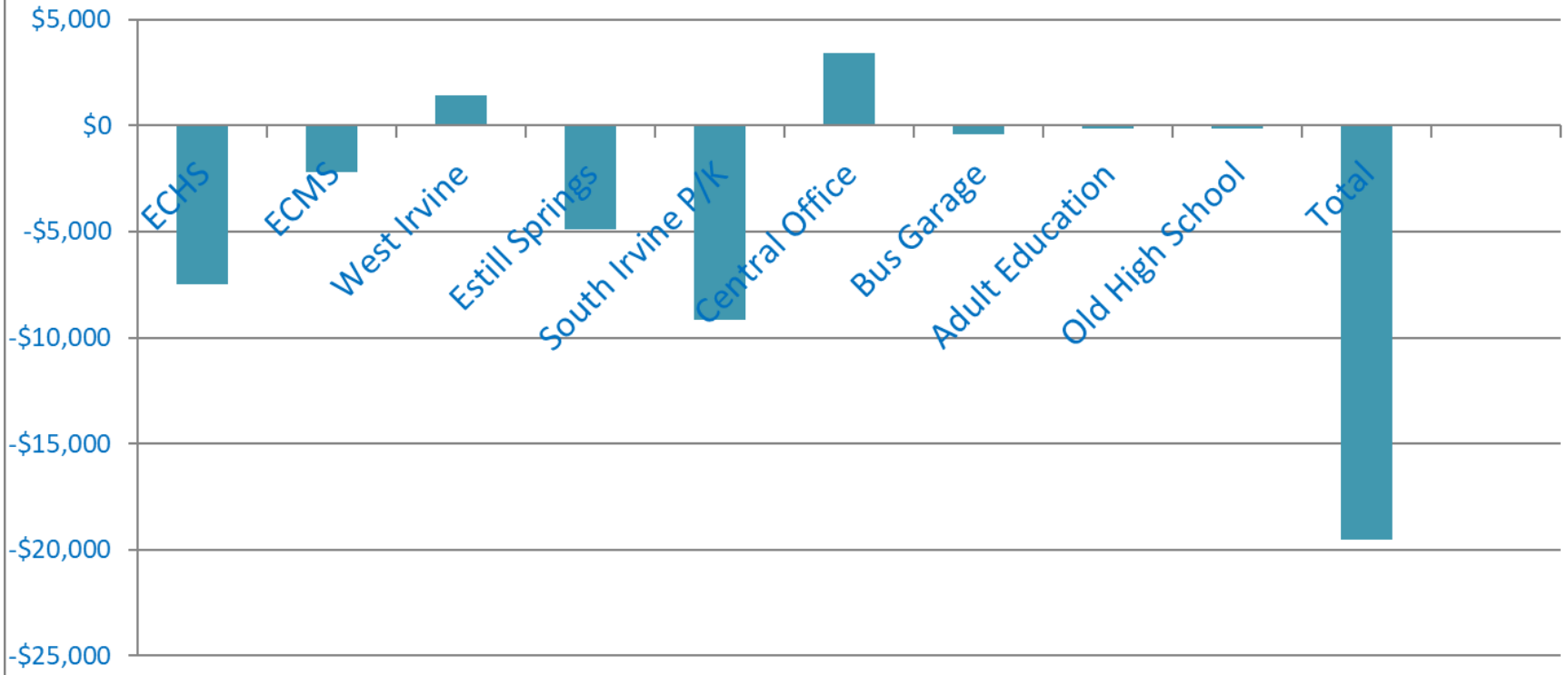
April 2018

School Facility	April					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	85,367	104,523	-22.44%	8	\$1,917	1,282,396	1,205,784	6.0%	6	-\$7,461
ECMS	76,204	81,462	-6.90%	7	\$526	906,023	883,678	2.5%	7	-\$2,176
West Irvine	77,920	72,320	7.19%	5	-\$560	818,080	832,880	-1.8%	8	\$1,441
Estill Springs	47,292	28,855	38.99%	2	-\$1,845	455,214	404,975	11.0%	4	-\$4,892
South Irvine P/K	28,600	21,026	26.48%	3	-\$758	343,602	249,762	27.3%	2	-\$9,138
Central Office	34,636	49,787	-43.74%	9	\$1,516	379,122	414,208	-9.3%	9	\$3,417
Bus Garage	2,094	2,138	-2.10%	6	\$4	39,195	34,937	10.9%	5	-\$415
Adult Education	543	467	14.00%	4	-\$8	8,329	6,808	18.3%	3	-\$148
Old High School	400	160	60.00%	1	-\$24	4,240	2,700	36.3%	1	-\$150
Total	353,056	360,738	-2.18%		\$769	4,236,201	4,035,732	4.7%		-\$19,522



Electrical Energy Cost Comparison to Last Year

July 2017 - March 2018 \$ Cost Change



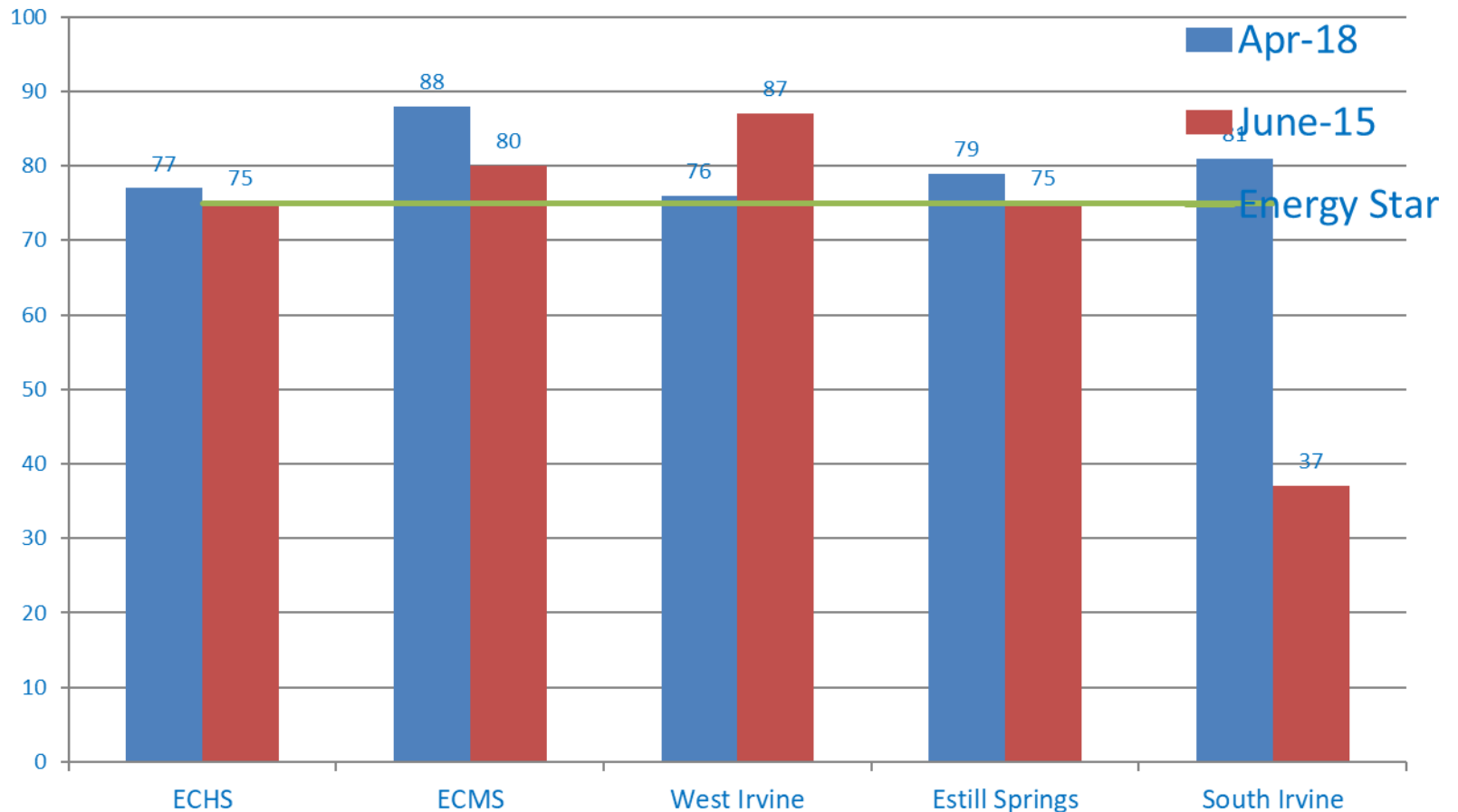
Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs



Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Apr-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Apr-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	77	75	44.2	47.5	-6.9%
Estill County Middle School	88	80	34.3	39.0	-12.1%
West Irvine Elementary	76	87	45.7	39.5	15.7%
Estill Springs Elementary	79	75	57.1	56.9	0.4%
South Irvine P/K Center	81	37	52.1	83.5	-37.6%
Total	81	76	44.3	47.7	-7.1%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

