

Estill County Schools Energy Management Package



March 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		\$4,522	\$4,522
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$90,322	\$90,322
Energy Projects Prior Years	\$13,638		\$13,638
Energy Projects Current Year	4184.59		\$4,185
Total	\$17,822	\$438,840	\$456,663





Estill County Schools

Energy Management Report

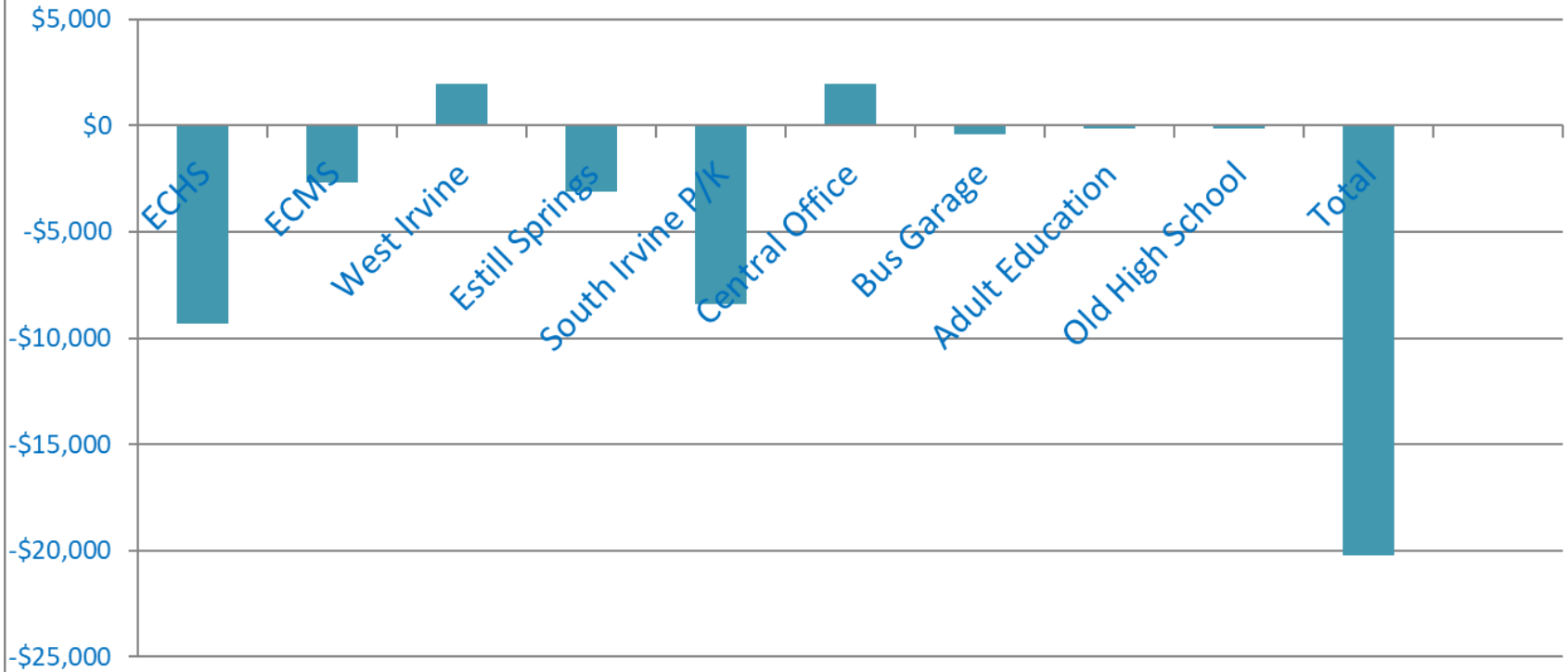
March 2018

School Facility	March					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	107,929	118,796	-10.07%	8	\$1,062	1,197,029	1,101,261	8.0%	5	-\$9,301
ECMS	95,791	82,988	13.37%	5	-\$1,251	829,819	802,216	3.3%	7	-\$2,681
West Irvine	87,200	64,800	25.69%	2	-\$2,189	740,160	760,560	-2.8%	8	\$1,981
Estill Springs	30,704	34,069	-10.96%	9	\$329	407,922	376,120	7.8%	6	-\$3,089
South Irvine P/K	27,012	21,148	21.71%	3	-\$573	315,002	228,736	27.4%	2	-\$8,378
Central Office	47,305	42,626	9.89%	7	-\$457	344,486	364,421	-5.8%	9	\$1,936
Bus Garage	2,920	2,593	11.20%	6	-\$32	37,101	32,799	11.6%	4	-\$418
Adult Education	652	518	20.55%	4	-\$13	7,786	6,341	18.6%	3	-\$140
Old High School	560	160	71.43%	1	-\$39	3,840	2,540	33.9%	1	-\$126
Total	400,073	367,698	8.09%		-\$3,164	3,883,145	3,674,994	5.4%		-\$20,215



Electrical Energy Cost Comparison to Last Year

July 2017 - March 2018 \$ Cost Change

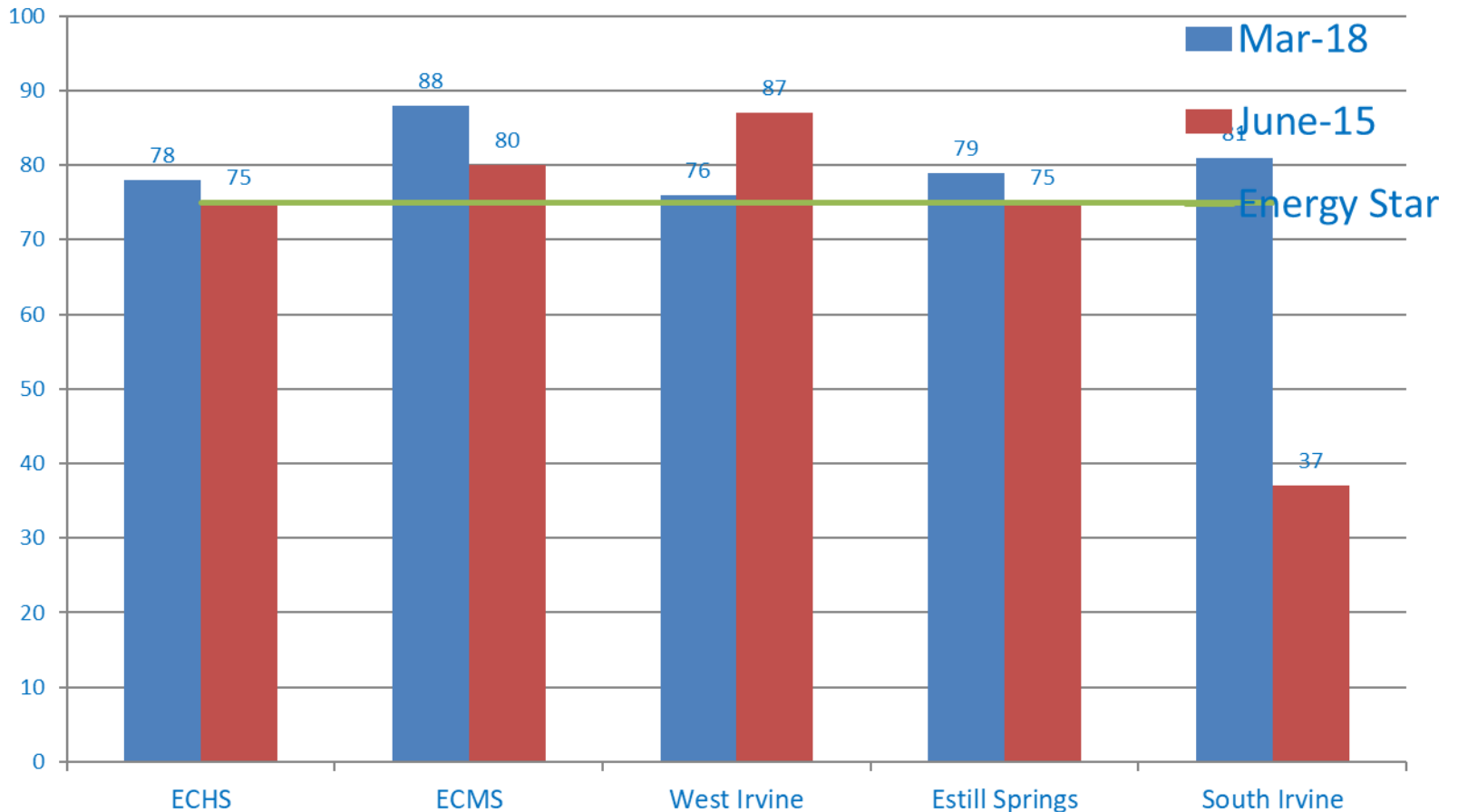


Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Mar-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Mar-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	78	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	44.1	47.7	-7.5%

Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

