Estill County Schools
Energy Management Package

MAY 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		$5,527	$5,527
Consumption Savings Prior Years		$334,397	$334,397
Consumption Savings Current Year		$96,282	$96,282
Energy Projects Prior Years	$18,638		$18,638
Energy Projects Current Year	9184.59		$9,185
Total	$27,822	$445,805	$473,628

Estill County Schools
Energy Management Report
May 2018

School Facility	May					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	134,783	138,740	-2.94%	6	$384	1,417,179	1,344,524	5.1%	5	-$7,073
ECMS	79,652	97,362	-22.23%	7	$1,718	985,675	981,040	0.5%	8	-$451
West Irvine	92,160	72,000	21.88%	3	-$1,956	910,240	904,880	0.6%	7	-$522
Estill Springs	48,408	40,560	16.21%	4	-$761	503,622	445,535	11.5%	4	-$5,655
South Irvine P/K	27,060	20,646	23.70%	2	-$622	370,662	270,408	27.0%	2	-$9,759
Central Office	22,395	29,515	-31.79%	8	$691	401,517	443,723	-10.5%	9	$4,109
Bus Garage	3,916	6,241	-59.37%	9	$226	43,111	41,178	4.5%	6	-$188
Adult Education	792	557	29.67%	1	-$23	9,121	7,365	19.3%	3	-$171
Old High School	200	200	0.00%	5	$0	4,440	2,900	34.7%	1	-$150
Total	409,366	405,821	0.87%		-$344	4,645,567	4,441,553	4.4%		-$19,860

Electrical Energy Cost Comparison to Last Year
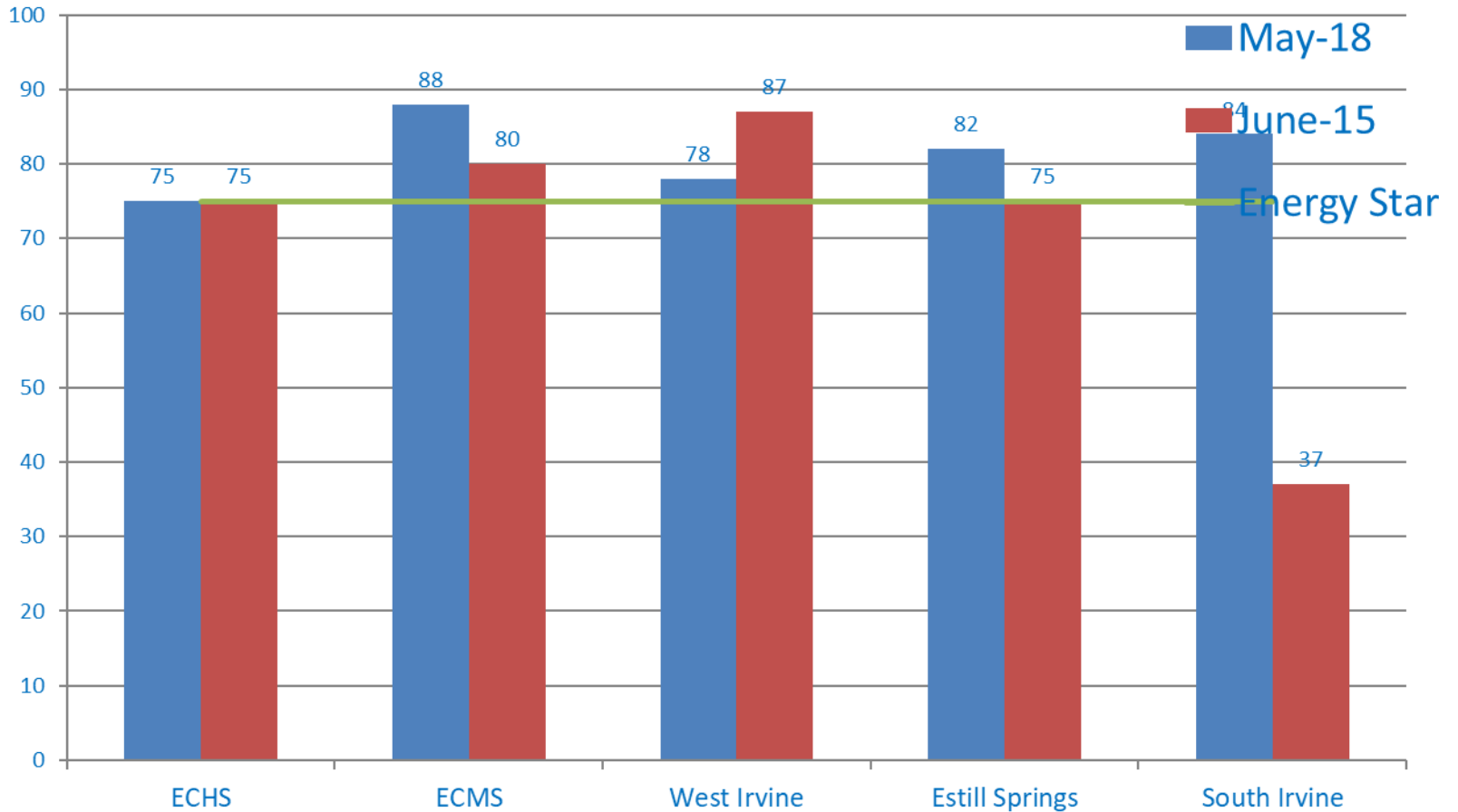## July 2017 - May 2018 $ Cost Change

Chart values (approximate):
- ECHS: -$7,000
- ECMS: -$500
- West Irvine: -$500
- Estill Springs: -$5,500
- South Irvine P/K: -$10,000
- Central Office: +$4,000
- Bus Garage: -$200
- Adult Education: -$200
- Old High School: -$200
- Total: -$20,000

Y-axis: $10,000, $5,000, $0, -$5,000, -$10,000, -$15,000, -$20,000, -$25,000
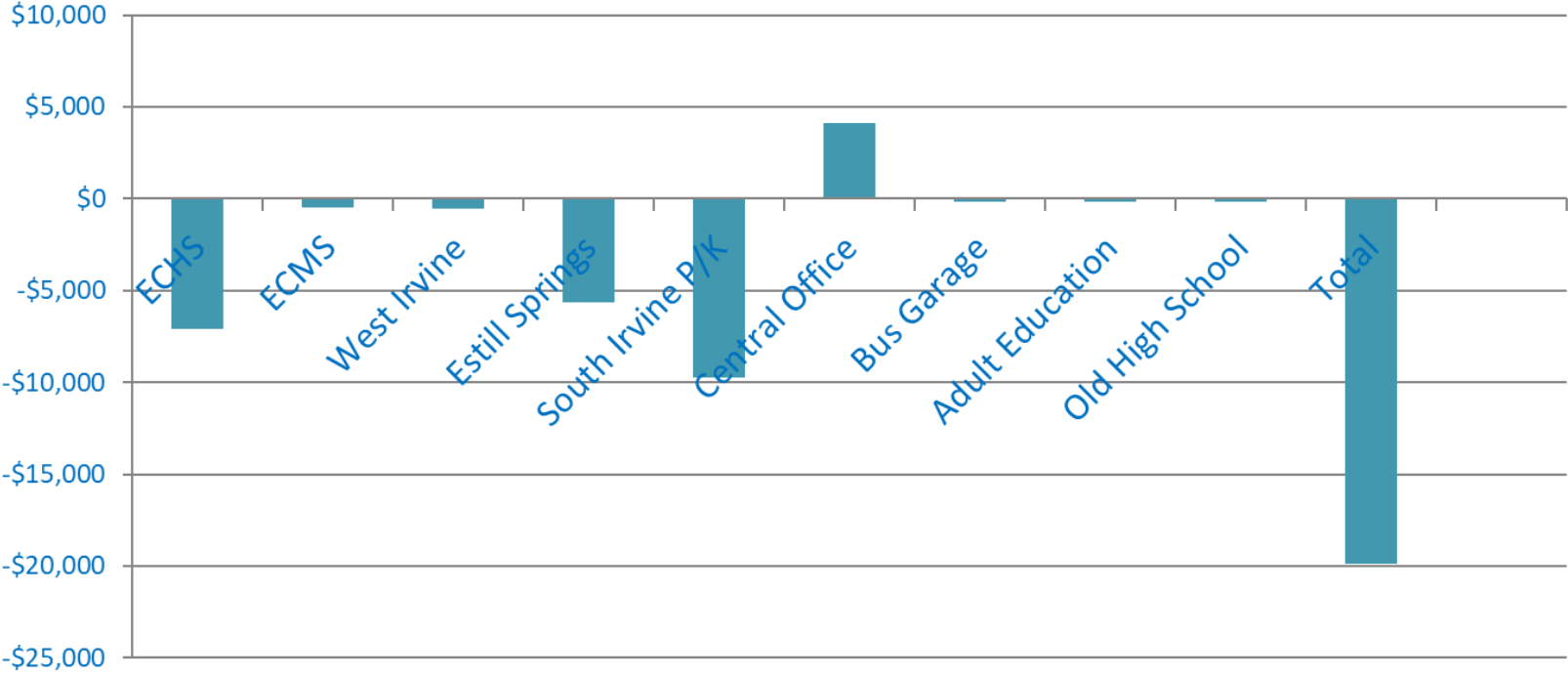
Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

ENERGY STAR AWARD 2016 PARTNER OF THE YEAR Sustained Excellence

Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) May-18	Rating (1-100) June-15	Energy Use kbtu/sq ft May-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	75	75	46.5	47.5	-2.1%
Estill County Middle School	88	80	34.2	39.0	-12.3%
West Irvine Elementary	78	87	44.6	39.5	12.9%
Estill Springs Elementary	82	75	53.5	56.9	-6.0%
South Irvine P/K Center	84	37	51.4	83.5	-38.4%
Total	81	76	44.2	47.7	-7.3%