

# Estill County Schools Energy Management Package

August 2017



# 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		\$1,005	\$1,005
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$6,741	\$6,741
Energy Projects Prior Years	\$9,453		\$9,453
Energy Projects Current Year	0		\$0
<b>Total</b>	<b>\$9,453</b>	<b>\$351,742</b>	<b>\$361,195</b>





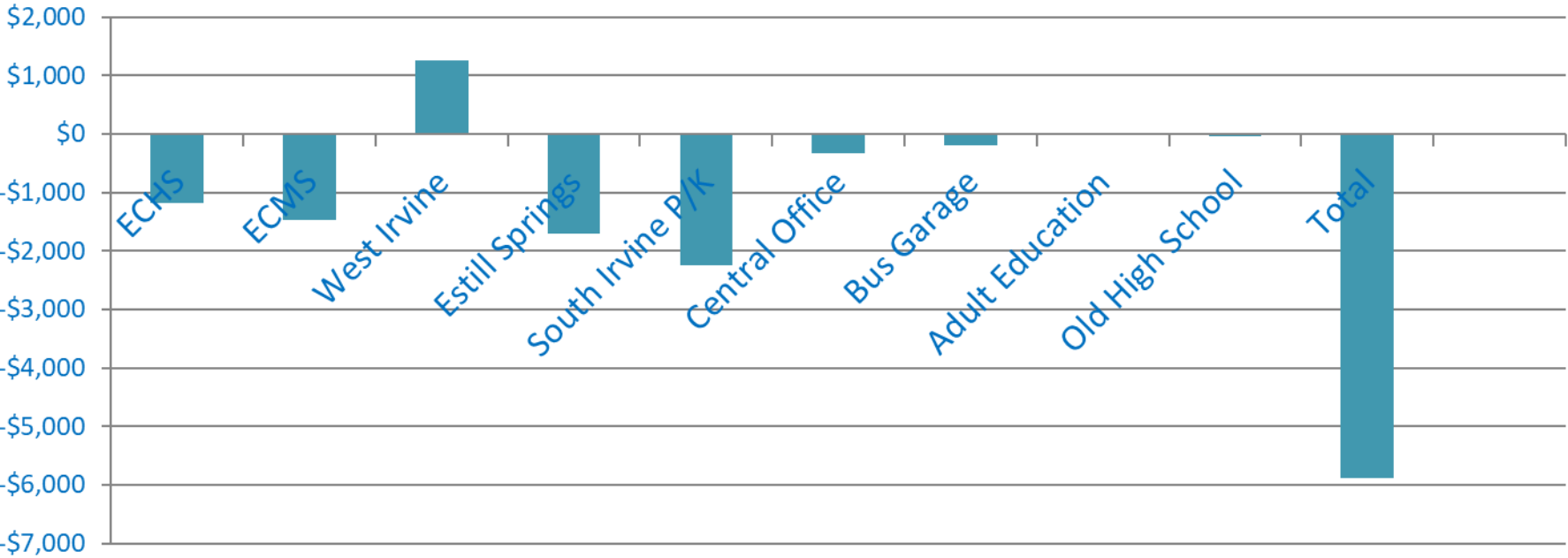
# Estill County Schools Energy Management Report August 2017

School Facility	August					2016 - 2017 YTD Results				
	2016 Actual Kwh	2017 Actual Kwh	% Reduction	Position	\$ Cost Change	2016-17 Actual Kwh	2017-18 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	183,458	139,742	23.83%	2	-\$4,538	298,180	286,532	3.9%	7	-\$1,175
ECMS	122,882	110,451	10.12%	5	-\$1,290	210,340	195,668	7.0%	5	-\$1,480
West Irvine	80,960	78,080	3.56%	6	-\$299	147,520	160,080	-8.5%	9	\$1,267
Estill Springs	61,988	51,908	16.26%	4	-\$1,046	110,378	93,498	15.3%	4	-\$1,702
South Irvine P/K	45,410	29,169	35.77%	1	-\$1,686	79,699	57,416	28.0%	2	-\$2,247
Central Office	25,609	26,469	-3.36%	7	\$89	51,858	48,604	6.3%	6	-\$328
Bus Garage	6,532	5,246	19.69%	3	-\$133	12,348	10,415	15.7%	3	-\$195
Adult Education	1,087	1,276	-17.39%	8	\$20	2,297	2,381	-3.7%	8	\$8
Old High School	160	280	-75.00%	9	\$12	880	460	47.7%	1	-\$42
<b>Total</b>	<b>528,086</b>	<b>442,621</b>	<b>16.18%</b>		<b>-\$8,871</b>	<b>913,500</b>	<b>855,054</b>	<b>6.4%</b>		<b>-\$5,894</b>



# Electrical Energy Cost Comparison to Last Year

## July 2017 - August 2017 \$ Cost Change



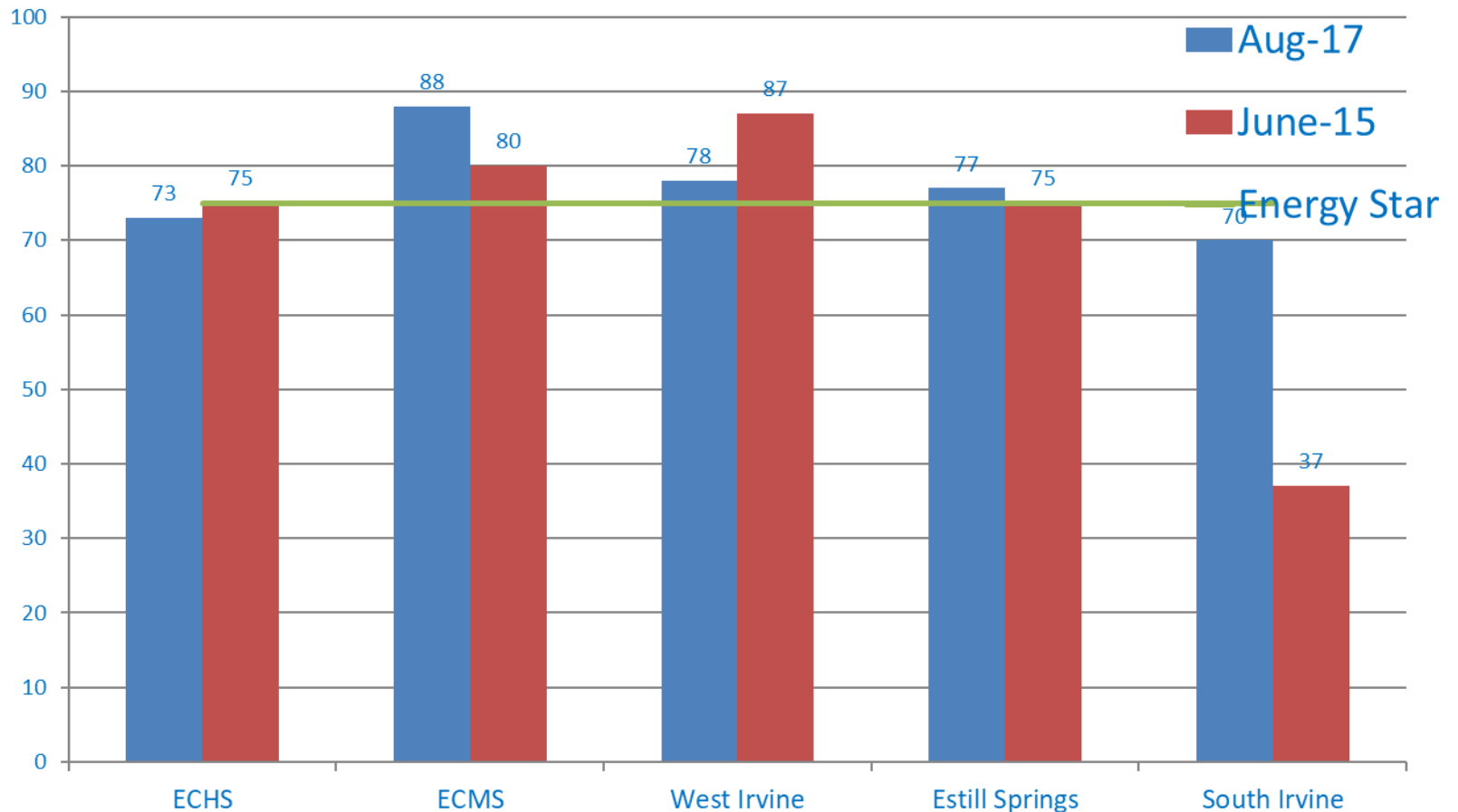
**Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs**



# Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Aug-17	Rating (1-100) June-15	Energy Use kbtu/sq ft Aug-17	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	73	75	45.7	47.5	-3.8%
Estill County Middle School	88	80	34.3	39.0	-12.1%
West Irvine Elementary	78	87	44.2	39.5	11.9%
Estill Springs Elementary	77	75	56.7	56.9	-0.4%
South Irvine P/K Center	70	37	55.4	83.5	-33.7%
<b>Total</b>	<b>80</b>	<b>76</b>	<b>44.6</b>	<b>47.7</b>	<b>-6.5%</b>

# Energy Star Portfolio Manager Ratings



# EUI (kbtu/sq.ft/)

