

# Estill County Schools Energy Management Package



August 2018



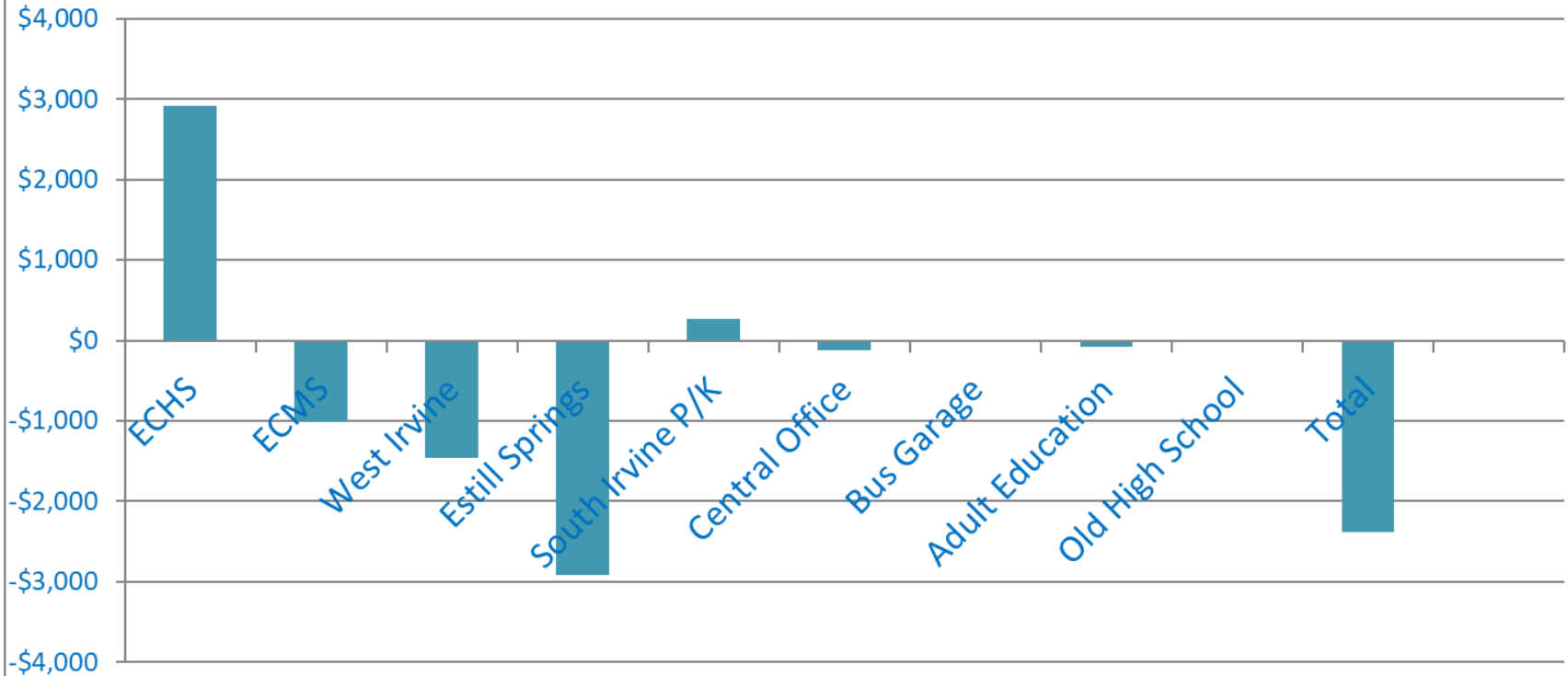
# Estill County Schools Energy Management Report August 2018

School Facility	August					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
ECHS	139,742	174,485	-24.86%	9	\$3,374	286,532	317,060	-10.7%	9	\$2,923
ECMS	110,451	105,715	4.29%	7	-\$460	195,668	185,116	5.4%	5	-\$1,010
West Irvine	78,080	55,040	29.51%	3	-\$2,238	160,080	144,800	9.5%	4	-\$1,463
Estill Springs	51,908	43,617	15.97%	4	-\$805	93,498	63,106	32.5%	2	-\$2,910
South Irvine P/K	29,169	28,217	3.26%	8	-\$92	57,416	60,243	-4.9%	8	\$271
Central Office	26,469	23,077	12.81%	5	-\$329	48,604	47,361	2.6%	6	-\$119
Bus Garage	5,246	4,845	7.64%	6	-\$39	10,415	10,540	-1.2%	7	\$12
Adult Education	1,276	744	41.69%	2	-\$52	2,381	1,617	32.1%	3	-\$73
Old High School	280	120	57.14%	1	-\$16	460	280	39.1%	1	-\$17
Total	442,621	435,860	1.53%		-\$657	855,054	830,123	2.9%		-\$2,387



# Electrical Energy Cost Comparison to Last Year

## June 2017 - August 2018 \$ Cost Change



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

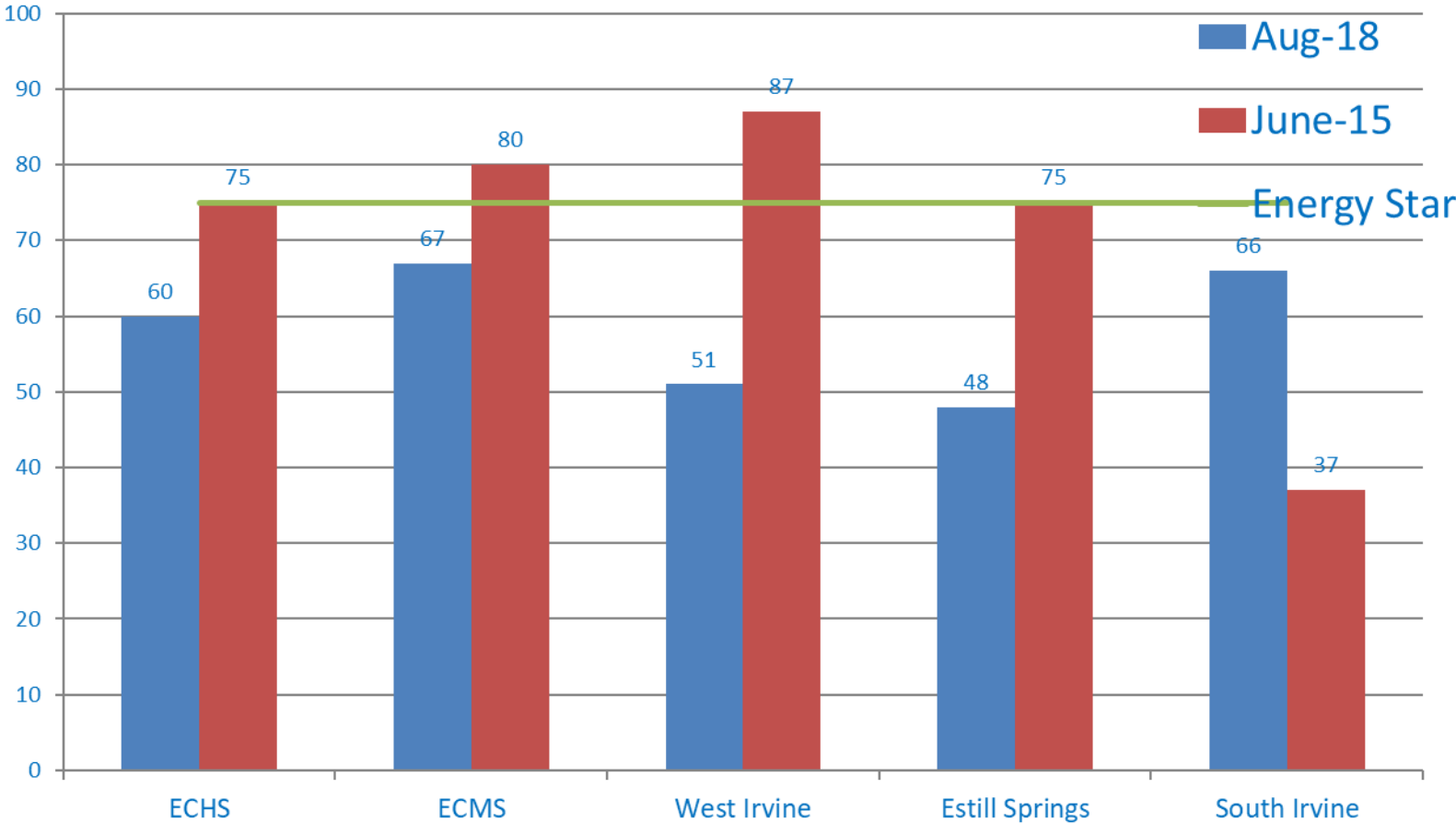
# Energy Management Avoided Costs Summary

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		\$441,607	\$441,607
Consumption Savings Current Year		\$9,794	\$9,794
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	9184.59		\$9,185
<b>Total</b>	<b>\$27,822</b>	<b>\$462,006</b>	<b>\$489,828</b>

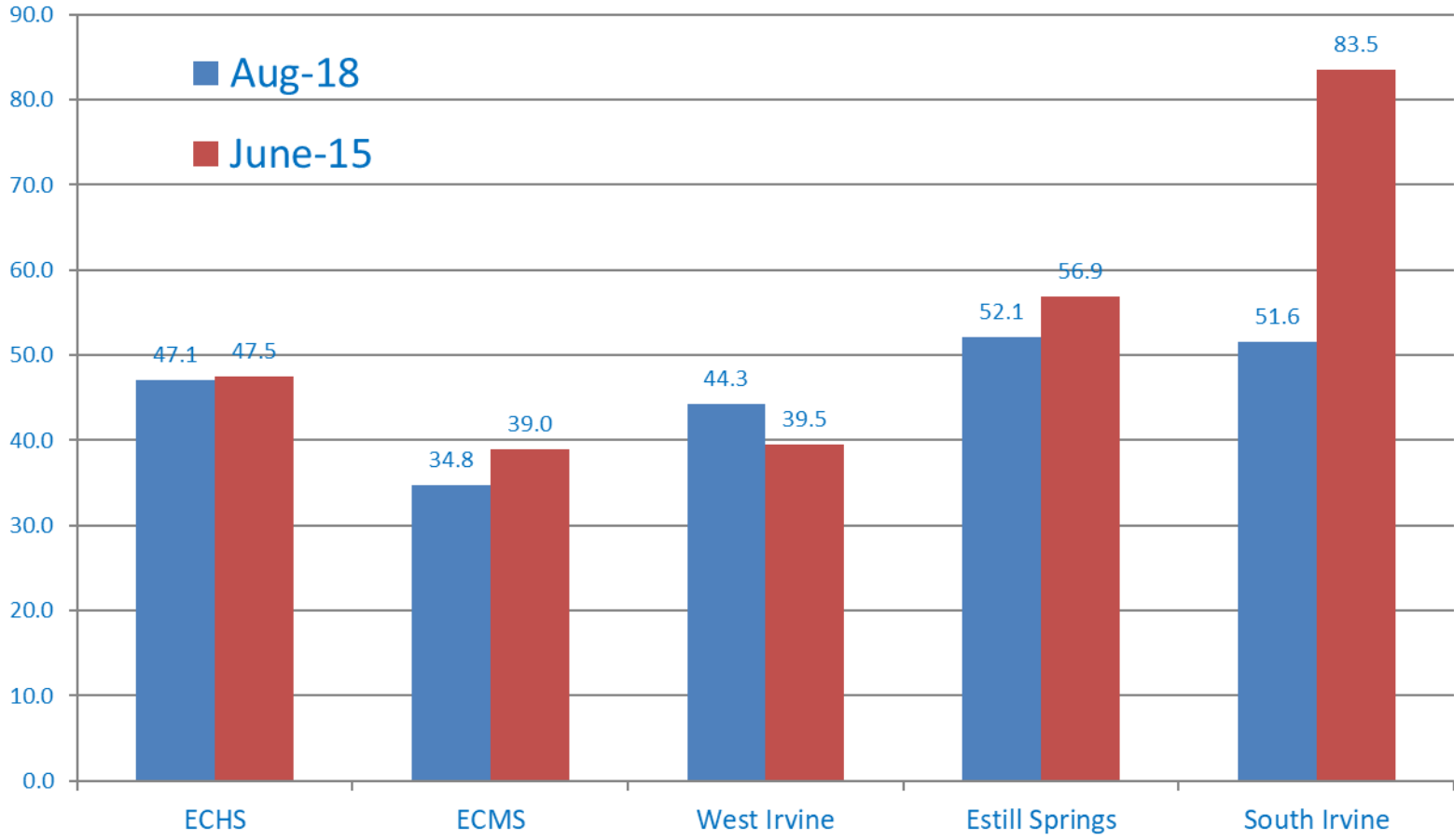
# Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Aug-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Aug-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	60	75	47.1	47.5	-0.8%
Estill County Middle School	67	80	34.8	39.0	-10.8%
West Irvine Elementary	51	87	44.3	39.5	12.2%
Estill Springs Elementary	48	75	52.1	56.9	-8.4%
South Irvine P/K Center	66	37	51.6	83.5	-38.2%
<b>Total</b>	<b>59</b>	<b>53</b>	<b>44.3</b>	<b>47.7</b>	<b>-7.1%</b>

# Energy Star Portfolio Manager Ratings



# EUI (kbtu/sq.ft/)



# Energy Star Portfolio Manager Rating

