

# Estill County Schools Energy Management Package



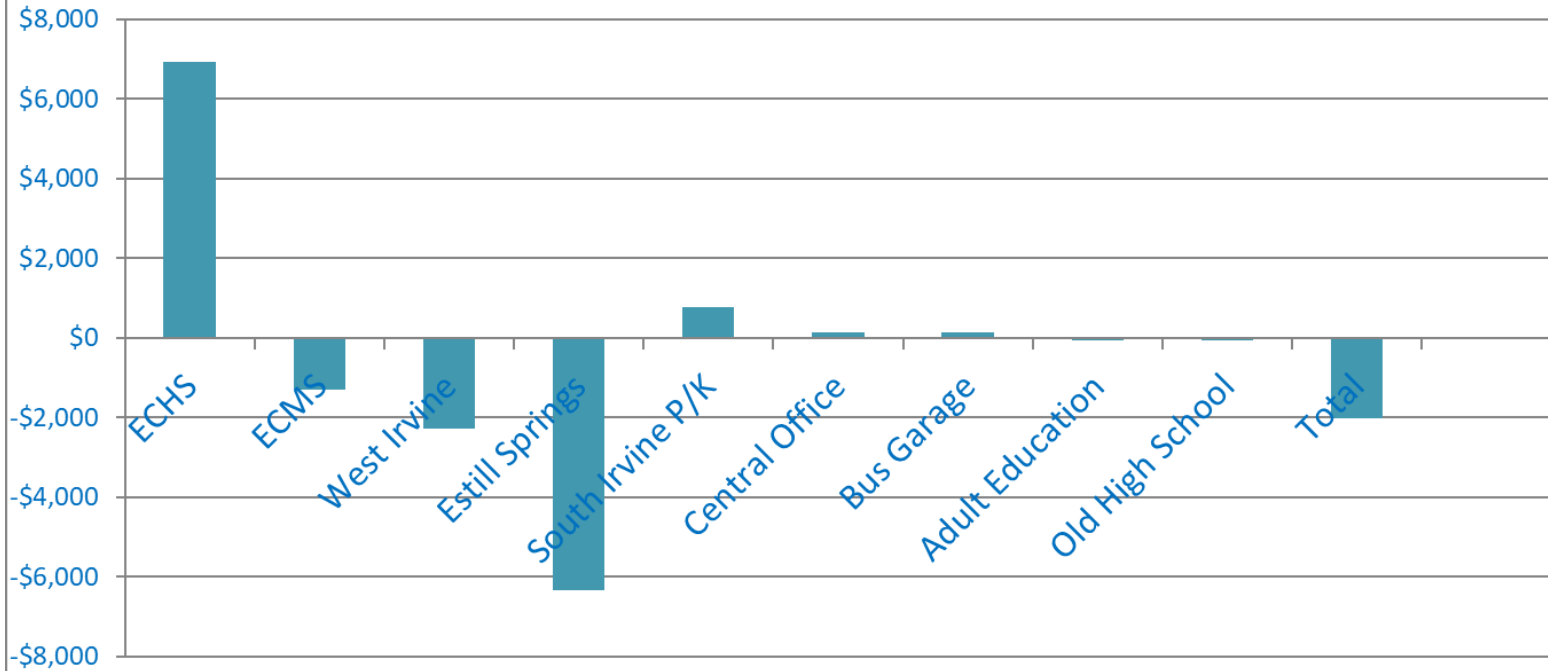
October 2018



# Estill County Schools Energy Management Report October 2018

School Facility	October					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	103,823	113,635	-9.45%	6	\$908	510,747	584,434	-14.4%	9	\$6,934
ECMS	85,025	81,038	4.69%	2	-\$369	381,085	367,285	3.6%	5	-\$1,299
West Irvine	82,240	84,320	-2.53%	4	\$192	336,880	312,640	7.2%	4	-\$2,281
Estill Springs	54,104	28,424	47.46%	1	-\$2,376	206,692	139,264	32.6%	2	-\$6,345
South Irvine P/K	25,467	27,715	-8.83%	5	\$208	110,674	118,993	-7.5%	7	\$783
Central Office	19,215	19,375	-0.83%	3	\$15	88,241	89,818	-1.8%	6	\$148
Bus Garage	2,193	2,701	-23.16%	7	\$47	15,948	17,493	-9.7%	8	\$145
Adult Education	475	706	-48.63%	8	\$21	3,846	3,237	15.8%	3	-\$57
Old High School	160	320	-100.00%	9	\$15	1,660	1,080	34.9%	1	-\$55
Total	372,702	358,234	3.88%		-\$1,339	1,655,773	1,634,244	1.3%		-\$2,026

## Electrical Energy Cost Comparison to Last Year June 2017 - October 2018 \$ Cost Change



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

# Energy Management Avoided Costs Summary

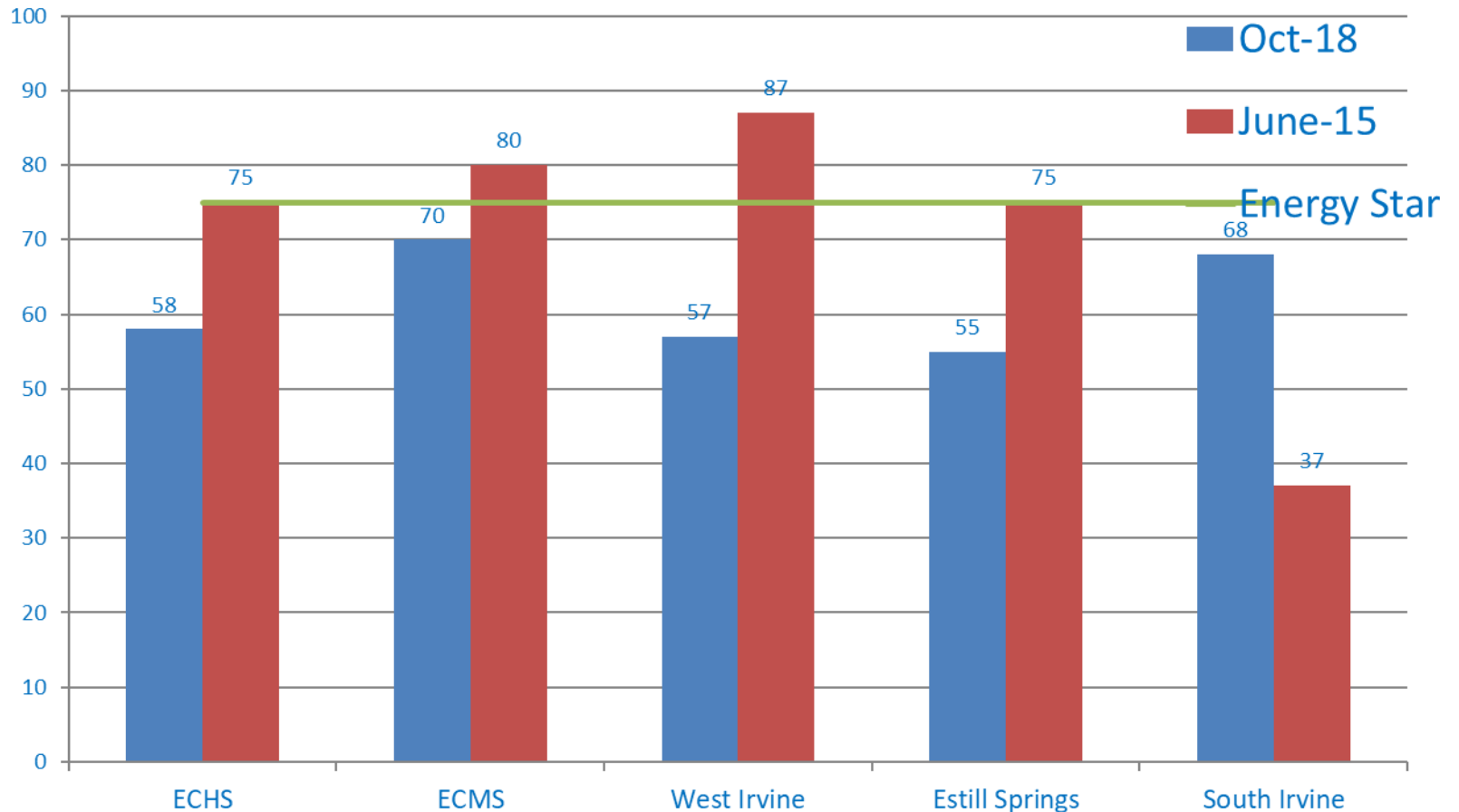
Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$2,010	\$2,010
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$29,395	\$29,395
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	9184.59		\$9,185
<b>Total</b>	<b>\$27,822</b>	<b>\$482,612</b>	<b>\$510,434</b>



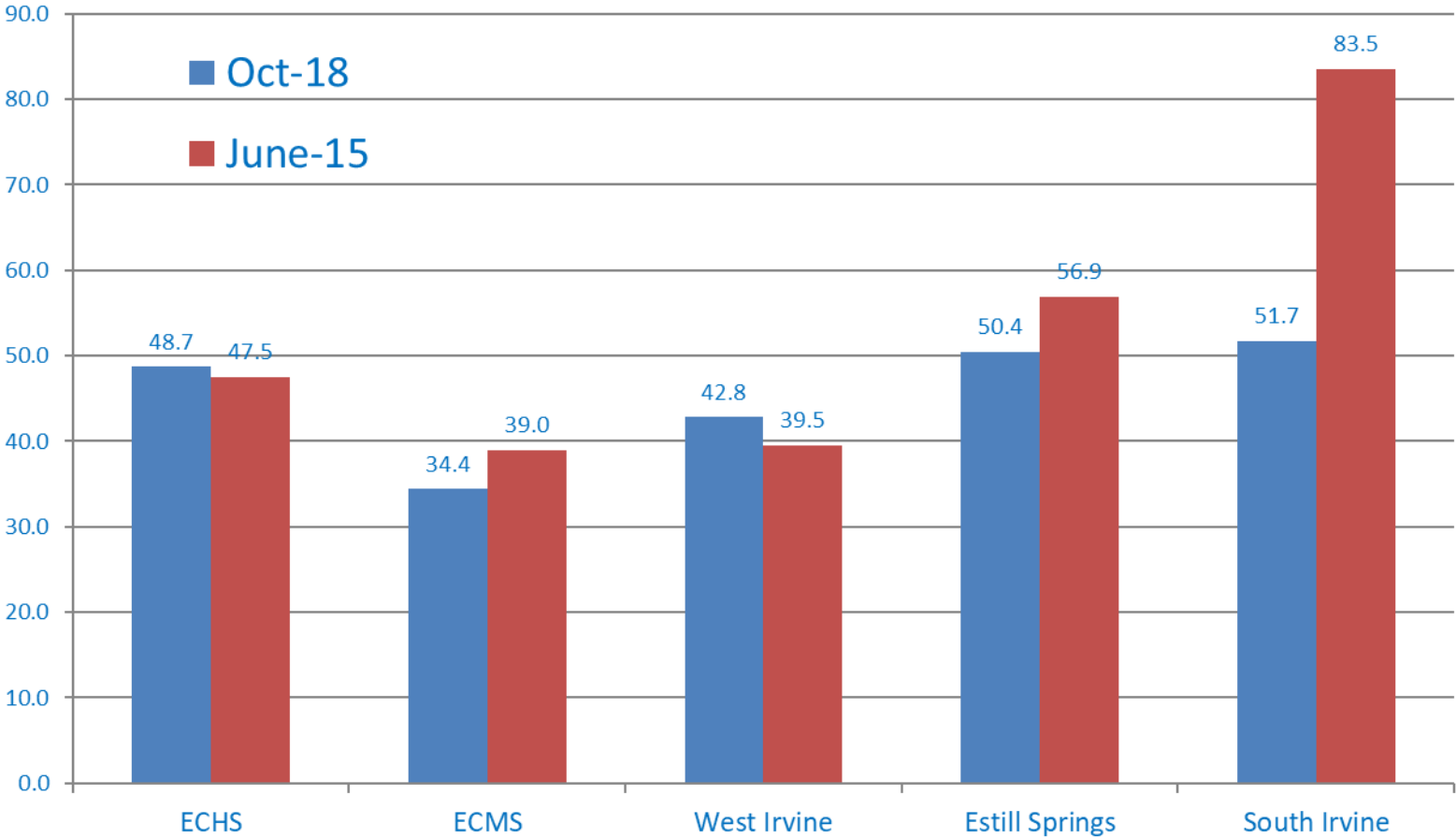
# Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Oct-18	Rating (1-100) June-15	Energy Use kbtu/sq ft Oct-18	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	58	75	48.7	47.5	2.5%
Estill County Middle School	70	80	34.4	39.0	-11.8%
West Irvine Elementary	57	87	42.8	39.5	8.4%
Estill Springs Elementary	55	75	50.4	56.9	-11.4%
South Irvine P/K Center	68	37	51.7	83.5	-38.1%
<b>Total</b>	<b>61</b>	<b>53</b>	<b>44.2</b>	<b>47.7</b>	<b>-7.3%</b>

# Energy Star Portfolio Manager Ratings



# EUI (kbtu/sq.ft/)



# Energy Star Portfolio Manager Rating

