

# Estill County Schools Energy Management Package

October 2016



## Energy Management Avoided Costs Summary

Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$4,801	\$4,801
Rate Change Savings Current Year		\$1,600	\$1,600
Consumption Savings Prior Years		\$53,490	\$53,490
Consumption Savings Current Year		(\$14,038)	(\$14,038)
Energy Projects Prior Years	\$9,453		\$9,453
Energy Projects Current Year	0		
<b>Total</b>	<b>\$9,453</b>	<b>\$45,853</b>	<b>\$55,306</b>





# Estill County Schools Energy Management Report October 2016

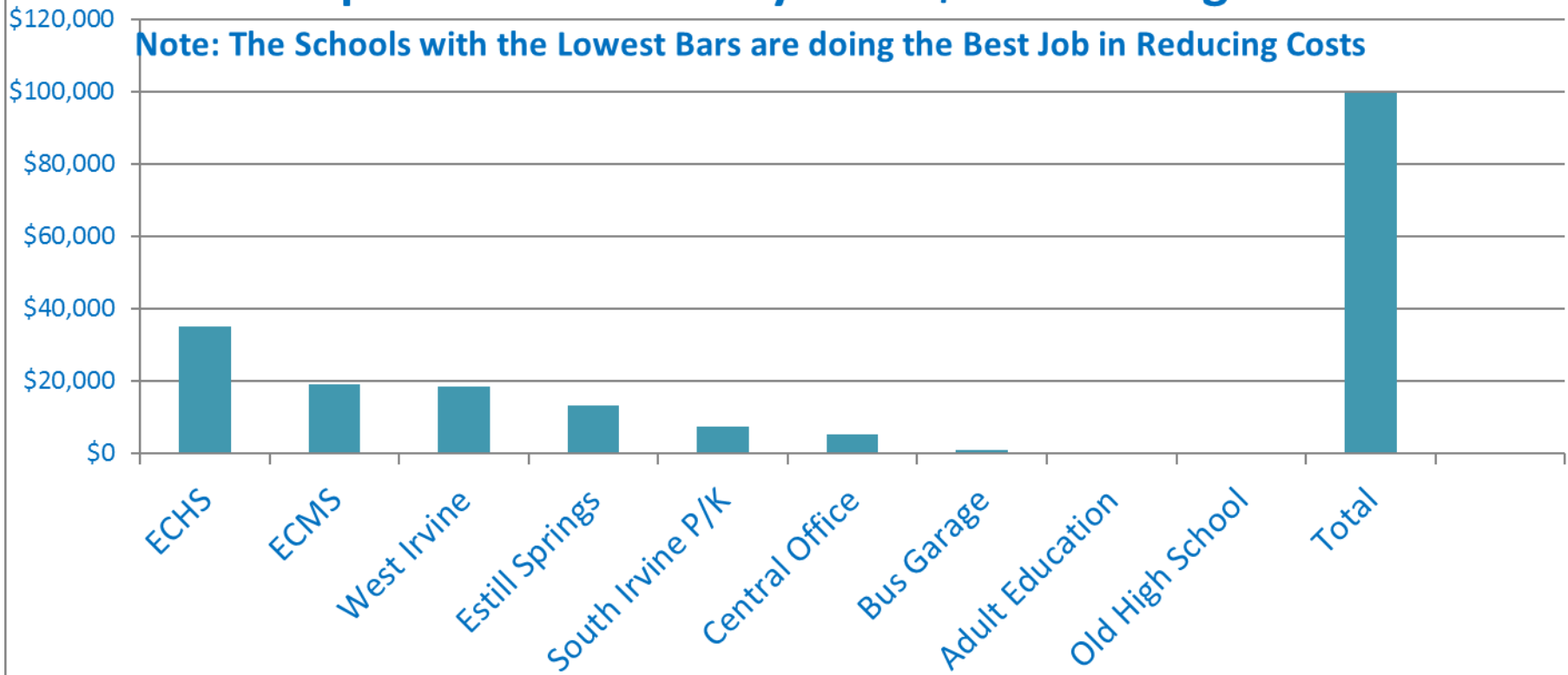
School Facility	October					2016 - 2017 YTD Results				
	2015 Actual Kwh	2016 Actual Kwh	% Reduction	Position	\$ Cost Change	2015-16 Actual Kwh	2016-17 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	130,908	111,017	15.2%	4	-\$1,967	246,207	600,974	-144.1%	8	\$35,130
ECMS	93,719	75,285	19.7%	3	-\$1,823	197,585	390,703	-97.7%	4	\$19,123
West Irvine	68,480	74,080	-8.2%	8	\$554	131,200	316,960	-141.6%	7	\$18,395
Estill Springs	42,786	48,062	-12.3%	9	\$522	100,505	233,171	-132.0%	6	\$13,137
South Irvine P/K	28,759	28,783	-0.1%	7	\$2	78,199	153,140	-95.8%	3	\$7,421
Central Office	20,103	17,885	11.0%	5	-\$219	49,129	101,435	-106.5%	5	\$5,179
Bus Garage	3,238	2,475	23.6%	2	-\$75	11,592	19,956	-72.2%	1	\$828
Adult Education	777	731	5.9%	6	-\$5	2,453	4,359	-77.7%	2	\$189
Old High School	680	200	70.6%	1	-\$47	400	1,240	-210.0%	9	\$83



# Electrical Energy Cost Comparison to Last Year

## September 2016 - July 2016 \$ Cost Change

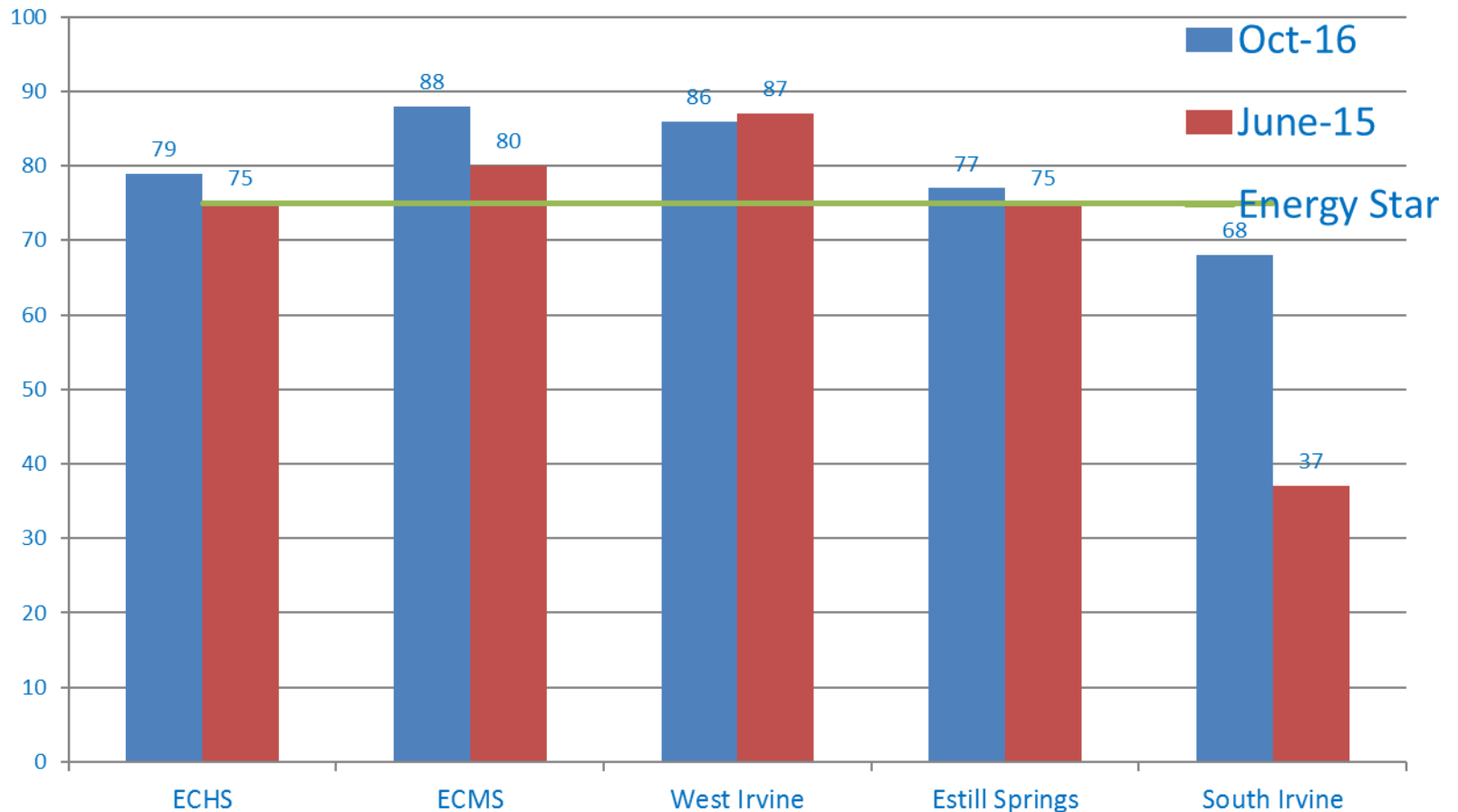
Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs



# Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Oct-16	Rating (1-100) June-15	Energy Use kbtu/sq ft Oct-16	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	79	75	44.3	47.5	-6.7%
Estill County Middle School	88	80	34.5	39.0	-11.5%
West Irvine Elementary	86	87	39.7	39.5	0.5%
Estill Springs Elementary	77	75	58.0	56.9	1.9%
South Irvine P/K Center	68	37	57.4	83.5	-31.3%
<b>Total</b>	<b>84</b>	<b>76</b>	<b>43.0</b>	<b>47.8</b>	<b>-10.0%</b>

# Energy Star Portfolio Manager Ratings



# EUI (kbtu/sq.ft/)

