Estill County Schools Energy Management Package December 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		\$3,015	\$3,015
Consumption Savings Prior Years		\$334,397	\$334,397
Consumption Savings Current Year		\$62,077	\$62,077
Energy Projects Prior Years	\$9,453		\$9,453
Energy Projects Current Year	0		\$0
Total	\$9,453	\$409,088	\$418,541
Hancer Excloser Marchard Revealed International States Description	ENERGY STAR AWARD 2016 PARTNER OF THE YEAR Sustained Excellence		SEMP



Estill County Schools Energy Management Report December 2017

	December				2016 - 2017 YTD Results					
School Facility	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	145,090	113,221	21.96%	4	-\$3,048	845,013	723,912	14.3%	4	-\$11,756
ECMS	84,593	89,598	-5.92%	8	\$479	547,804	551,110	-0.6%	8	\$321
West Irvine	82,880	97,760	-17.95%	9	\$1,423	482,560	514,960	-6.7%	9	\$3,145
Estill Springs	36,954	34,502	6.64%	6	-\$235	313,931	287,400	8.5%	5	-\$2,576
South Irvine P/K	37,748	23,013	39.04%	2	-\$1,409	215,412	152,379	29.3%	1	-\$6,119
Central Office	46,100	48,187	-4.53%	7	\$200	169,276	159,989	5.5%	7	-\$902
Bus Garage	4,543	4,060	10.63%	5	-\$46	27,131	22,339	17.7%	2	-\$465
Adult Education	778	523	32.78%	3	-\$24	5,707	4,880	14.5%	3	-\$80
Old High School	680	200	70.59%	1	-\$46	2,200	2,020	8.2%	6	-\$17
Total	439,366	411,064	6.44%		-\$2,707	2,609,034	2,418,989	7.3%		-\$18,449







Electrical Energy Cost Comparison to Last Year July 2017 - December 2017 \$ Cost Change \$5,000 \$0 ECMS wine wine primes of central office Bus Garage Catalon and High School 20 -\$5,000 -\$10,000 -\$15,000 -\$20,000

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







Energy Star Portfolio Manager Ratings

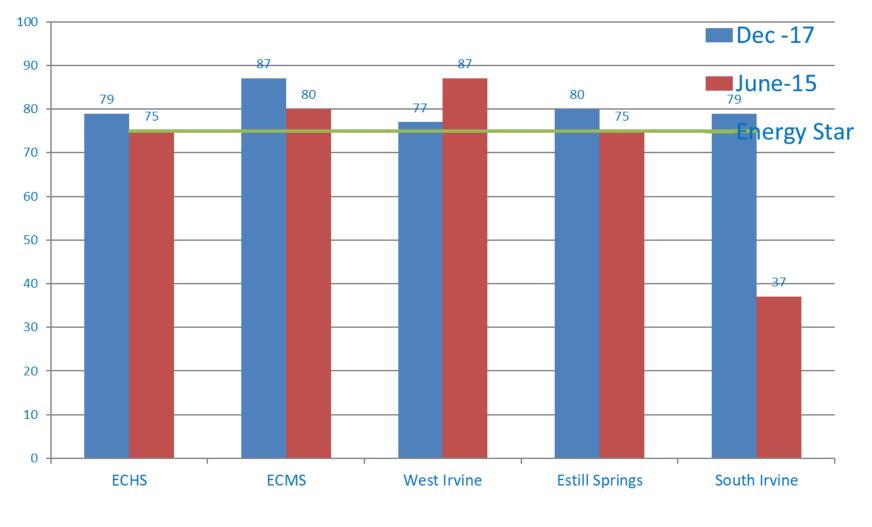
Facility Name	Rating	Rating	Energy Use	Energy Use	Change
racinty Name	(1-100)	(1-100)	kbtu/sq ft	kbtu/sq ft	From
	Dec -17	June-15	Dec -17	June-15	Baseline
Estill County High School	79	75	43.0	47.5	- 9.5 %
Estill County Middle School	87	80	34.9	39.0	-10.5%
West Irvine Elementary	77	87	45.1	39.5	14.2%
Estill Springs Elementary	80	75	54.8	56.9	-3.7%
South Irvine P/K Center	79	37	51.2	83.5	-38.7%
Total	81	76	43.7	47.7	-8.4%







Energy Star Portfolio Manager Ratings









EUI (kbtu/sq.ft/)

