

Estill County Schools Energy Management Package



March 2020

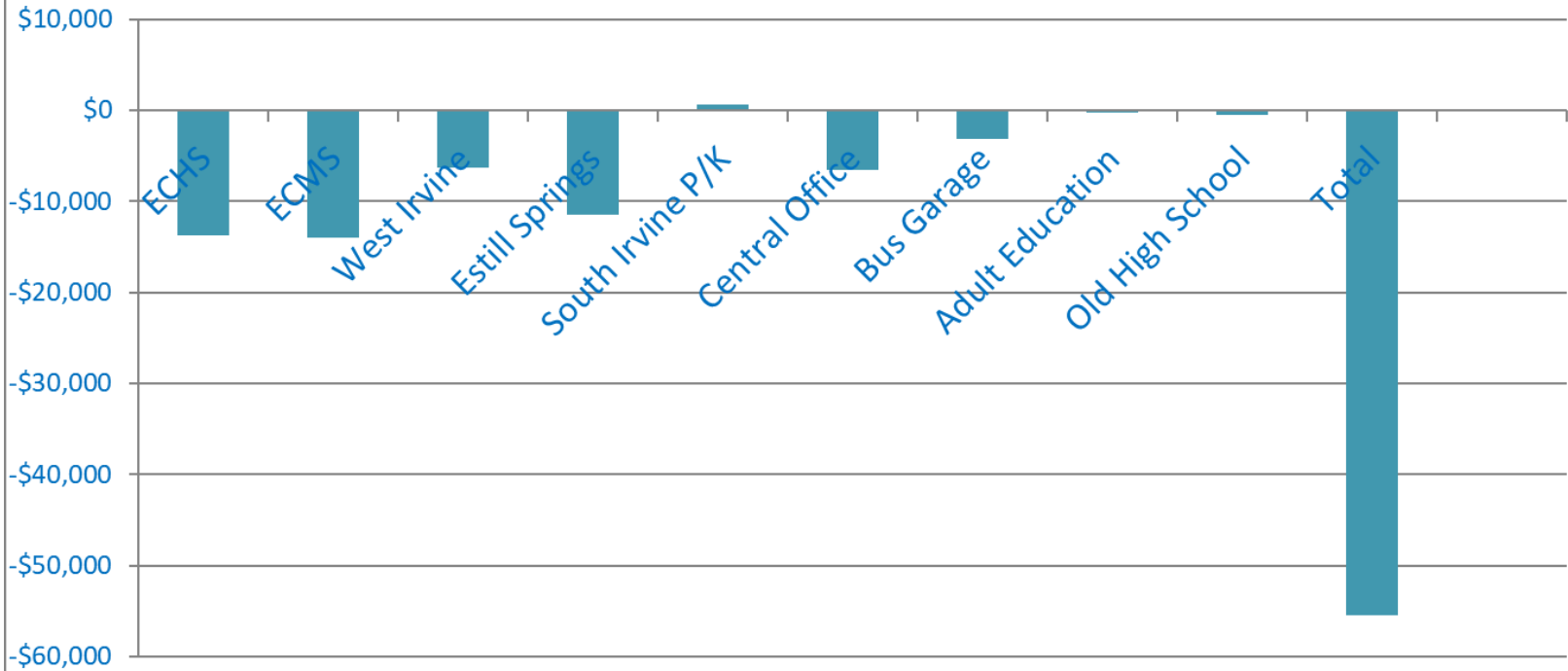


Estill County Schools Energy Management Report March 2020

School Facility	March					2019 - 2020 YTD Results				
	2019 Actual Kwh	2020 Actual Kwh	% Reduction	Position	\$ Cost Change	2018-19 Actual Kwh	2019-20 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	107,033	79,659	25.58%	5	-\$2,685	1,140,755	1,007,377	11.7%	7	-\$13,702
ECMS	92,209	62,960	31.72%	3	-\$2,869	811,057	674,800	16.8%	6	-\$13,997
West Irvine	58,080	55,200	4.96%	8	-\$283	615,200	553,760	10.0%	8	-\$6,312
Estill Springs	31,569	25,548	19.07%	6	-\$591	341,375	229,477	32.8%	3	-\$11,495
South Irvine P/K	22,164	24,248	-9.40%	9	\$204	231,543	237,243	-2.5%	9	\$586
Central Office	49,523	41,140	16.93%	7	-\$822	328,770	264,479	19.6%	5	-\$6,604
Bus Garage	2,426		100.00%	1	-\$238	31,218		100.0%	1	-\$3,207
Adult Education	786	540	31.30%	4	-\$24	7,146	5,106	28.5%	4	-\$210
Old High School	40		100.00%	1	-\$4	4,680		100.0%	1	-\$481
Total	363,830	289,295	20.49%		-\$7,312	3,511,744	2,972,242	15.4%		-\$55,422



Electrical Energy Cost Comparison to Last Year July 2019 - March 2020 \$ Cost Change



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

Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$9,600	\$9,600
Rate Change Savings Current Year		\$4,522	\$4,522
Consumption Savings Prior Years		\$441,607	\$441,607
Consumption Savings Current Year		\$197,569	\$197,569
Energy Projects Prior Years	\$18,638		\$18,638
Energy Projects Current Year	\$6,514		\$6,514
Total	\$25,152	\$653,298	\$678,450
Total Cost Avoided This Month		\$22,520	
Total Cumulative Savings		\$435,232	

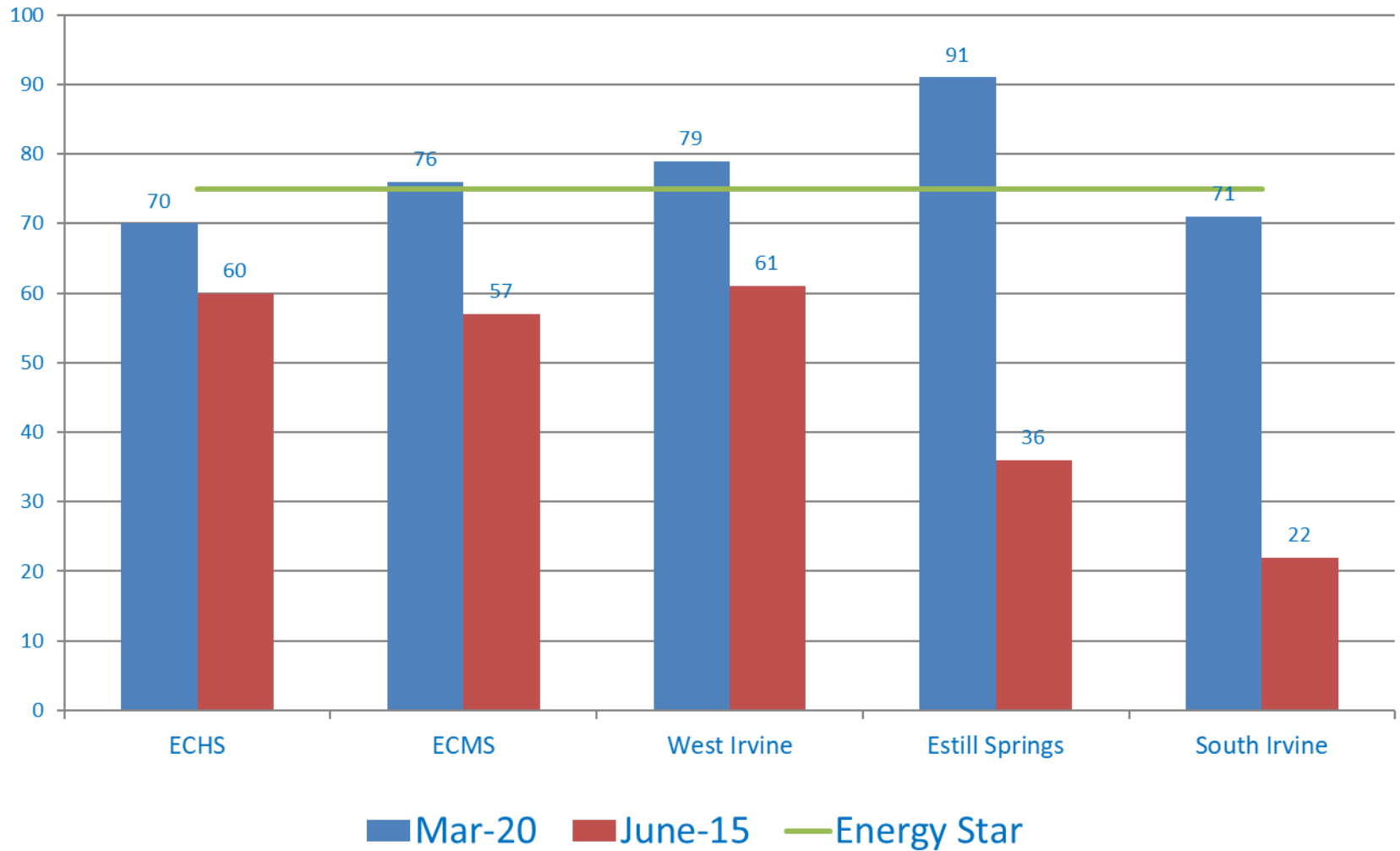


Energy Star Portfolio Manager Ratings

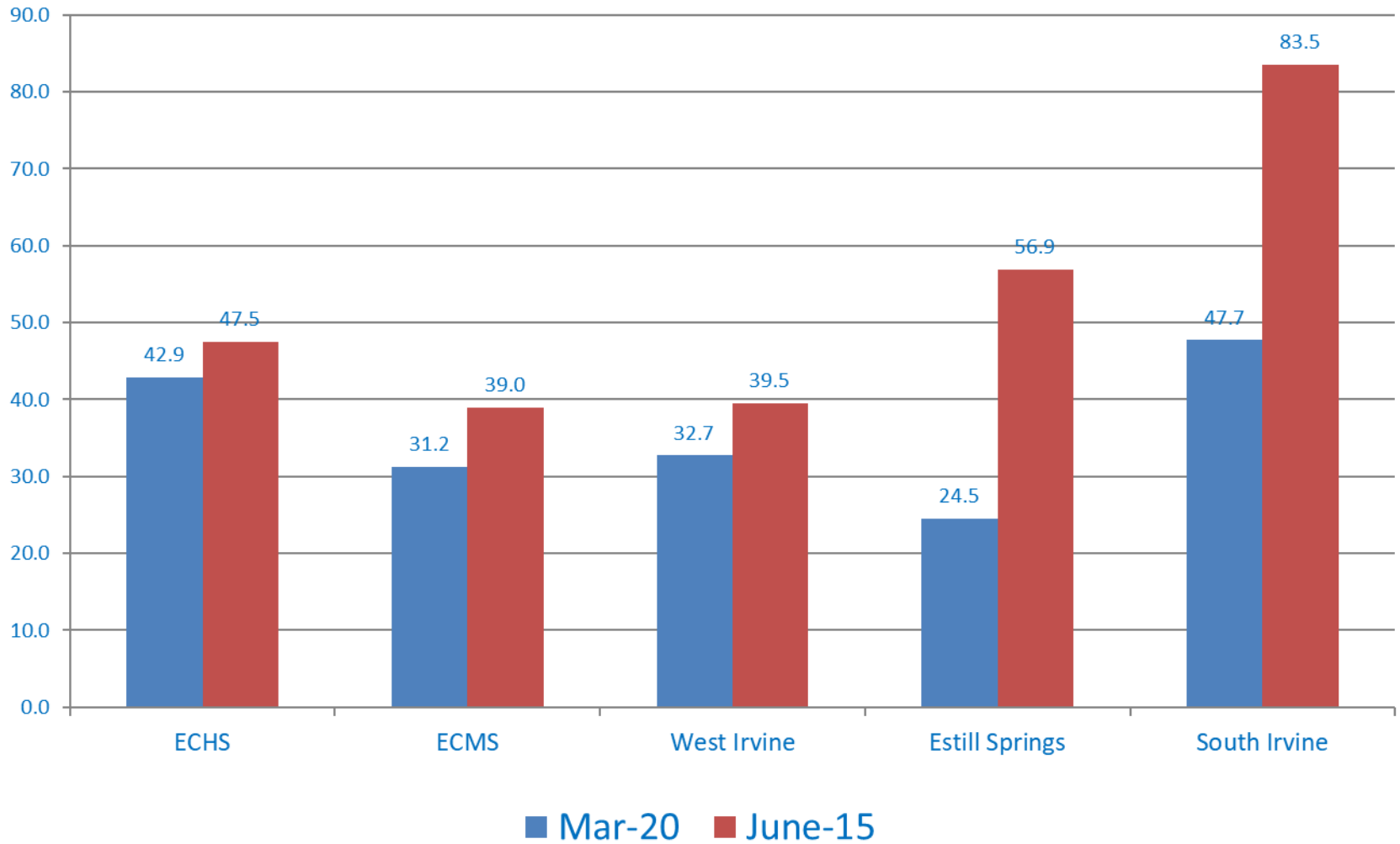
Facility Name	Rating (1-100) Mar-20	Rating (1-100) June-15	Energy Use kbtu/sq ft Mar-20	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	70	60	42.9	47.5	-9.7%
Estill County Middle School	76	57	31.2	39.0	-20.0%
West Irvine Elementary	79	61	32.7	39.5	-17.2%
Estill Springs Elementary	91	36	24.5	56.9	-56.9%
South Irvine P/K Center	71	22	47.7	83.5	-42.9%
Total	76	53	35.7	47.7	-25.2%



Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)



Energy Star Portfolio Manager Rating

