

Henderson County Schools
Guaranteed Energy Savings Contract
BG #18-133
February 19, 2018

Fiscal Year	Bond Payment (Total P+I)	Support Services	Total Cost	Energy Savings	Operational Savings	Total Savings	Capital Cost Avoidance	Excess Revenue
2019	\$ 58,038	\$ 4,280	\$ 62,318	\$ 129,161	\$ 15,475	\$ 144,636	\$ -	\$ 82,318
2020	62,738	4,408	67,146	134,973	15,785	150,758	0	\$ 83,612
2021	67,338	4,541	71,878	141,047	16,100	157,147	0	\$ 85,269
2022	66,838	4,677	71,514	147,394	16,422	163,816	0	\$ 92,302
2023	71,338	4,817	76,155	154,027	16,751	170,777	0	\$ 94,623
2024	75,588	4,962	80,549	160,958	17,086	178,044	0	\$ 97,494
2025	79,713	5,111	84,823	168,201	17,428	185,628	0	\$ 100,805
2026	83,613	5,264	88,876	175,770	17,776	193,546	0	\$ 104,670
2027	87,263	5,422	92,684	183,680	18,132	201,811	0	\$ 109,127
2028	90,638	5,584	96,222	191,945	18,494	210,439	0	\$ 114,218
2029	93,850	5,752	99,602	200,583	18,864	219,447	0	\$ 119,845
2030	96,900	5,925	102,825	209,609	19,242	228,850	0	\$ 126,026
2031	99,788	6,102	105,890	219,041	19,626	238,668	0	\$ 132,778
2032	107,338	6,285	113,623	228,898	20,019	248,917	0	\$ 135,294
2033	109,538	6,474	116,011	239,199	20,419	259,618	0	\$ 143,606
2034	116,563	6,668	123,231	249,962	20,828	270,790	0	\$ 147,560
2035	123,000	6,868	129,868	261,211	21,244	282,455	0	\$ 152,587
2036	129,063	7,074	136,137	272,965	21,669	294,634	0	\$ 158,498
2037	134,750	7,286	142,036	285,249	22,102	307,351	0	\$ 165,315
2038	140,063	7,505	147,568	298,085	22,545	320,629	0	\$ 173,062
Total	\$ 1,893,950	\$ 115,005	\$ 2,008,955	\$ 4,051,955	\$ 376,008	\$ 4,427,963	\$ -	\$ 2,419,008

Total Project Costs	\$ 3,920,000
Bond Issuance Costs	\$ 55,000
Cash Down Payment	\$ 2,700,000
Financing Amount	\$ 1,275,000
First Year Support Services Cost	
Support Service Escalation Rate	3%
First Year Projected Energy Savings	\$ 129,161

Energy Escalation Rate	4.50%
First Year Operational Savings	\$ 15,475
Operational Savings Escalation Rate	2%
Average Capital Cost Avoidance	\$ -
Contract Term in Years	20
Net Interest Cost	3.55%
Estimated Bonding Potential Impact	\$ -