

The Energy Conservation Program, frequently called the House Bill 264 Program (after the 1985 law that created this financing mechanism), allows school districts to make energy efficiency improvements to their buildings and use the cost savings to pay for those improvements.

Additionally, the program gives districts the ability to borrow funds without having to pass a ballot issue for the authority to borrow. This limited borrowing authority allows a school district to save millions in utility bills and operating costs with no additional taxpayer expense.

Since the inception of the program, more than 500 Ohio school districts have taken advantage of this opportunity.

Participating in the Energy Conservation Program improves energy efficiency so much that the savings associated with the energy improvements is more than enough to offset the cost of the improvements. These savings are projected and guaranteed for 15 years. The state has reviewed our proposal and estimated savings and has certified that the amount of money we will save will be sufficient to make the payments on the dollars borrowed to implement the changes.

PROJECT CASH FLOW ANALYSIS Canal Winchester Local Schools

Capital Investment	\$2,183,611
Interest Payments	\$972,000
Total Program Cost	\$3,155,611
Total Annual Savings	\$297,186
Annual Energy Savings	\$226,473
Annual Operations and Maintenance Savings	\$70,713
Simple Payback	7.35 years

Assumed Interest Rate: 5.00%

Year	Savings					Costs			Annual Cashflow
	Gas Energy	Electric Energy	Water	Operations/Maint	Total Savings	Resource Mgt	Capital Prgm	Total	
1	\$66,480	\$159,993	\$0	\$70,713	\$297,186	(\$26,900)	(\$210,374)	(\$237,274)	\$59,912
2	\$66,480	\$159,993	\$0	\$70,713	\$297,186	(\$26,900)	(\$210,374)	(\$237,274)	\$59,912
3	\$66,480	\$159,993	\$0	\$70,713	\$297,186	(\$26,900)	(\$210,374)	(\$237,274)	\$59,912
4	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
5	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
6	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
7	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
8	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
9	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
10	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
11	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
12	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
13	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
14	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812
15	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$210,374)	(\$210,374)	\$86,812

15-Year Sums:	\$4,457,790		(\$3,236,311)	\$1,221,479
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PROJECT CASH FLOW ANALYSIS Canal Winchester Local Schools

Capital Investment	\$2,183,611
Interest Payments	\$625,998
Total Program Cost	\$2,809,609
Total Annual Savings	\$297,186
Annual Energy Savings	\$226,473
Annual Operations and Maintenance Savings	\$70,713
Simple Payback	7.35 years

Assumed Interest Rate: 3.33%

Year	Savings					Costs			Annual Cashflow
	Gas Energy	Electric Energy	Water	Operations/Maint	Total Savings	Resource Mgt	Capital Prgm	Total	
1	\$66,480	\$159,993	\$0	\$70,713	\$297,186	(\$26,900)	(\$187,307)	(\$214,207)	\$82,979
2	\$66,480	\$159,993	\$0	\$70,713	\$297,186	(\$26,900)	(\$187,307)	(\$214,207)	\$82,979
3	\$66,480	\$159,993	\$0	\$70,713	\$297,186	(\$26,900)	(\$187,307)	(\$214,207)	\$82,979
4	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
5	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
6	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
7	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
8	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
9	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
10	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
11	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
12	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
13	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
14	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
15	\$66,480	\$159,993	\$0	\$70,713	\$297,186	\$0	(\$187,307)	(\$187,307)	\$109,879
15-Year Sums:					\$4,457,790			(\$2,890,309)	\$1,567,481