

Connetquot Central School District

4-Feb-21



Yr	A1 NYSED Building Aid	A2 Annual Energy Cost With Out Savings	A3 Annual Energy Cost with Improvements	A=A2-A3 Annual Energy Savings	B Annual O&M savings	C Estimated Rebate Program	D=A1+A+B+C Total Annual Savings	E Annual Lease Payment	D+E Annual Cash Flow	Cumulative Cash Flow
1	\$911,592	\$1,937,378	\$903,189	\$1,034,190	\$128,548	\$368,523	\$2,442,852	(\$1,699,569)	\$743,283	\$743,283
2	\$911,592	\$1,976,126	\$921,253	\$1,054,873	\$128,548	\$0	\$2,095,013	(\$1,699,569)	\$395,445	\$1,138,728
3	\$911,592	\$2,015,648	\$939,678	\$1,075,971	\$128,548	\$0	\$2,116,111	(\$1,699,569)	\$416,542	\$1,555,270
4	\$911,592	\$2,055,961	\$958,471	\$1,097,490	\$128,548	\$0	\$2,137,630	(\$1,699,569)	\$438,062	\$1,993,332
5	\$911,592	\$2,097,081	\$977,641	\$1,119,440	\$128,548	\$0	\$2,159,580	(\$1,699,569)	\$460,011	\$2,453,343
6	\$911,592	\$2,139,022	\$997,193	\$1,141,829	\$128,548	\$0	\$2,181,969	(\$1,699,569)	\$482,400	\$2,935,744
7	\$911,592	\$2,181,803	\$1,017,137	\$1,164,666	\$128,548	\$0	\$2,204,805	(\$1,699,569)	\$505,237	\$3,440,981
8	\$911,592	\$2,225,439	\$1,037,480	\$1,187,959	\$128,548	\$0	\$2,228,099	(\$1,699,569)	\$528,530	\$3,969,511
9	\$911,592	\$2,269,948	\$1,058,230	\$1,211,718	\$128,548	\$0	\$2,251,858	(\$1,699,569)	\$552,289	\$4,521,800
10	\$911,592	\$2,315,347	\$1,079,394	\$1,235,952	\$128,548	\$0	\$2,276,092	(\$1,699,569)	\$576,524	\$5,098,324
11	\$911,592	\$2,361,653	\$1,100,982	\$1,260,671	\$128,548	\$0	\$2,300,811	(\$1,699,569)	\$601,243	\$5,699,566
12	\$911,592	\$2,408,887	\$1,123,002	\$1,285,885	\$128,548	\$0	\$2,326,025	(\$1,699,569)	\$626,456	\$6,326,022
13	\$911,592	\$2,457,064	\$1,145,462	\$1,311,603	\$128,548	\$0	\$2,351,742	(\$1,699,569)	\$652,174	\$6,978,196
14	\$911,592	\$2,506,206	\$1,168,371	\$1,337,835	\$128,548	\$0	\$2,377,974	(\$1,699,569)	\$678,406	\$7,656,602
15	\$911,592	\$2,556,330	\$1,191,738	\$1,364,591	\$128,548	\$0	\$2,404,731	(\$1,699,569)	\$705,163	\$8,361,765
16	\$0	\$2,607,456	\$1,215,573	\$1,391,883	\$128,548	\$0	\$1,520,431	\$0	\$1,520,431	\$9,882,196
17	\$0	\$2,659,605	\$1,239,885	\$1,419,721	\$128,548	\$0	\$1,548,269	\$0	\$1,548,269	\$11,430,465
18	\$0	\$2,712,797	\$1,264,682	\$1,448,115	\$128,548	\$0	\$1,576,663	\$0	\$1,576,663	\$13,007,128
Total	\$13,673,876	\$41,483,751	\$19,339,359	\$22,144,392	\$2,313,865	\$368,523	\$38,500,656	(\$25,493,528)	\$13,007,128	\$13,007,128

Total Project Net Cost:	\$21,240,702	NYSED Capital Building Aid Rate:	54.1%
Gross Project Costs:		NYSED Capital Building Aid Nominal Interest Rate:	3.500%
Other Costs (Construction Interest):		NYSED Amortized Amount:	\$21,240,702
Net Financed Investment:	\$21,240,702	NYSED Aid Payment Period (yrs):	15.0
Loan Interest Rate:	2.5%	NYSED Adjusted Payback (yrs):	17.90
Loan Term in Years:	15	Service Inflation Rate:	0%
Loan Payments Per Year:	1	Energy Inflation Rate:	2%
Total No. of Loan Payments in Arrears:	15	Operational Savings Inflation Rate:	0%
Sum of Annual Loan Payments:	\$1,699,569	Total Program Cumulative Cash Flow:	\$13,007,128
Johnson Controls' Guarantee Period:	18	Net Present Value (at 5%):	\$7,689,166