

# Lindenhurst Public Schools Ph 3 EPC

6/21/2019



Yr	A1	A2	A3	A=A2-A3	B	C	D=A1+A+B	E	F	D+E	Cumulative Cash Flow
	NYSED Building Aid	Annual Energy Cost With Out Savings	Annual Energy Cost with Improvements	Annual Energy Savings	Annual O&M savings	Rebate Program	Total Annual Savings	Annual Lease Payment	M&V Costs	Annual Cash Flow	
1	\$416,546	\$1,130,135	\$599,427	\$530,708	\$53,281	\$168,000	\$1,168,535	(\$895,127)	\$0	\$273,409	\$273,409
2	\$416,546	\$1,152,738	\$611,415	\$541,322	\$53,281	\$0	\$1,011,149	(\$895,127)	\$0	\$116,023	\$389,431
3	\$416,546	\$1,175,792	\$623,644	\$552,149	\$53,281	\$0	\$1,021,976	(\$895,127)	\$0	\$126,849	\$516,281
4	\$416,546	\$1,199,308	\$636,117	\$563,192	\$53,281	\$0	\$1,033,019	(\$895,127)	\$0	\$137,892	\$654,173
5	\$416,546	\$1,223,294	\$648,839	\$574,456	\$53,281	\$0	\$1,044,283	(\$895,127)	\$0	\$149,156	\$803,329
6	\$416,546	\$1,247,760	\$661,816	\$585,945	\$53,281	\$0	\$1,055,772	(\$895,127)	\$0	\$160,645	\$963,974
7	\$416,546	\$1,272,716	\$675,052	\$597,664	\$53,281	\$0	\$1,067,491	(\$895,127)	\$0	\$172,364	\$1,136,338
8	\$416,546	\$1,298,170	\$688,553	\$609,617	\$53,281	\$0	\$1,079,444	(\$895,127)	\$0	\$184,317	\$1,320,655
9	\$416,546	\$1,324,133	\$702,324	\$621,809	\$53,281	\$0	\$1,091,636	(\$895,127)	\$0	\$196,510	\$1,517,165
10	\$416,546	\$1,350,616	\$716,371	\$634,245	\$53,281	\$0	\$1,104,072	(\$895,127)	\$0	\$208,946	\$1,726,111
11	\$416,546	\$1,377,628	\$730,698	\$646,930	\$53,281	\$0	\$1,116,757	(\$895,127)	\$0	\$221,631	\$1,947,741
12	\$416,546	\$1,405,181	\$745,312	\$659,869	\$53,281	\$0	\$1,129,696	(\$895,127)	\$0	\$234,569	\$2,182,311
13	\$416,546	\$1,433,284	\$760,218	\$673,066	\$53,281	\$0	\$1,142,893	(\$895,127)	\$0	\$247,767	\$2,430,078
14	\$416,546	\$1,461,950	\$775,423	\$686,528	\$53,281	\$0	\$1,156,355	(\$895,127)	\$0	\$261,228	\$2,691,306
15	\$416,546	\$1,491,189	\$790,931	\$700,258	\$53,281	\$0	\$1,170,085	(\$895,127)	\$0	\$274,959	\$2,966,264
16	\$0	\$1,521,013	\$806,750	\$714,263	\$53,281	\$0	\$767,544	\$0	\$0	\$767,544	\$3,733,808
17	\$0	\$1,551,433	\$822,885	\$728,549	\$53,281	\$0	\$781,830	\$0	\$0	\$781,830	\$4,515,638
18	\$0	\$1,582,462	\$839,342	\$743,119	\$53,281	\$0	\$796,400	\$0	\$0	\$796,400	\$5,312,038
<b>Total</b>	<b>\$6,248,190</b>	<b>\$24,198,803</b>	<b>\$12,835,115</b>	<b>\$11,363,688</b>	<b>\$959,058</b>	<b>\$168,000</b>	<b>\$18,738,936</b>	<b>(\$13,426,898)</b>	<b>\$0</b>	<b>\$5,312,038</b>	<b>\$5,312,038</b>

<b>Total Project Net Cost Less Rebate:</b>	<b>\$10,615,795</b>	<b>NYSED Capital Building Aid Rate:</b>	<b>69.3%</b>
<b>Gross Project Costs:</b>		<b>NYSED Capital Building Aid Nominal Interest Rate:</b>	<b>2.125%</b>
<b>Other Costs (Construction Interest):</b>		<b>NYSED Amortized Amount:</b>	<b>\$10,615,795</b>
<b>Loan Interest Rate:</b>	<b>3.25%</b>	<b>Service Inflation Rate:</b>	<b>0%</b>
<b>Loan Term in Years:</b>	<b>15</b>	<b>Energy Inflation Rate:</b>	<b>2%</b>
<b>Loan Payments Per Year:</b>	<b>1</b>	<b>Operational Savings Inflation Rate:</b>	<b>0%</b>
<b>Total No. of Loan Payments in Arrears:</b>	<b>15</b>	<b>Total Program Cumulative Cash Flow:</b>	<b>\$5,312,038</b>
<b>Sum of Annual Loan Payments:</b>	<b>\$895,127</b>	<b>Net Present Value (at 5%):</b>	<b>\$3,007,031</b>
<b>Johnson Controls' Guarantee Period:</b>	<b>18</b>		