

Cash Flow Analysis Assumptions

Project Costs:

2025 – Initial deposits made for both projects

Second payment made for Euclid project

Estimated \$20,000 for tree removal

2026 – Remaining payments made for both solar projects

2027 – Payment to submit Inflation Reduction Act paperwork

Electric Bill Savings:

2025 – Half of Euclid's average electricity costs

2026 – Half of IG and Euclid's average electricity costs

Renew America Reimbursement:

Department of Energy grant that was awarded to the District in spring 2024. As of March 2, 2025, DOE has verified that funds remain obligated and they have given the group a task list to complete before reimbursement can take place.

Inflation Reduction Act:

Acting as a tax incentive, this reimbursement will come after we complete the fiscal year the projects are completed in. Therefore, the tax return required will not be able to be completed until FY2027.

Smart Inverter Rebate:

ComEd rebate that is still in place.

IL ABP Incentive:

State of Illinois incentive that is still in place. A majority of the rebate is paid over 7 years with the final payment coming after 15 years in service.

Annual Cash Flow:

Net income for each fiscal year.

Cumulative Cash Flow:

Cumulative net income over the life expectancy of the solar panels.

Cash Flow - Worst Case Scenario (No Federal Funding)

Years	Project Costs	Electric Bill Savings	Renew America Reimbursement	Inflation Reduction Act	SMART Inverter Rebate	IL ABP Incentive	Annual Cash Flow	Cumulative Cash Flow
2025	(\$622,400)						(\$622,400)	(\$622,400)
2026	(\$761,600)	\$15,041			\$161,563	\$14,056	(\$570,941)	(\$1,193,341)
2027		\$32,959				\$99,570	\$132,528	(\$1,060,812)
2028		\$32,959				\$99,570	\$132,528	(\$928,284)
2029		\$32,959				\$99,570	\$132,528	(\$795,756)
2030		\$32,959				\$99,570	\$132,528	(\$663,228)
2031		\$32,959				\$99,570	\$132,528	(\$530,699)
2032		\$32,959				\$99,570	\$132,528	(\$398,171)
2033		\$32,959					\$32,959	(\$365,212)
2034		\$32,959					\$32,959	(\$332,254)
2035		\$32,959					\$32,959	(\$299,295)
2036		\$32,959					\$32,959	(\$266,336)
2037		\$32,959					\$32,959	(\$233,378)
2038		\$32,959					\$32,959	(\$200,419)
2039		\$32,959					\$32,959	(\$167,460)
2040		\$32,959				\$35,143	\$68,101	(\$99,359)
2041		\$32,959					\$32,959	(\$66,400)
2042		\$32,959					\$32,959	(\$33,442)
2043		\$32,959					\$32,959	(\$483)
2044		\$32,959					\$32,959	\$32,476
2045		\$32,959					\$32,959	\$65,434
2046		\$32,959					\$32,959	\$98,393
2047		\$32,959					\$32,959	\$131,352
2048		\$32,959					\$32,959	\$164,310
2049		\$32,959					\$32,959	\$197,269
2050		\$32,959					\$32,959	\$230,228
2051		\$32,959					\$32,959	\$263,186
2052		\$32,959					\$32,959	\$296,145
2053		\$32,959					\$32,959	\$329,103
2054		\$32,959					\$32,959	\$362,062
2055		\$32,959					\$32,959	\$395,021
	(\$1,384,000)	\$970,842	\$0	\$0	\$161,563	\$646,616	\$395,021	(\$5,691,752)

Cash Flow - Possible Scenario (Only Inflation Reduction Act Received)

Years	Project Costs	Electric Bill Savings	Renew America Reimbursement	Inflation Reduction Act	SMART Inverter Rebate	IL ABP Incentive	Annual Cash Flow	Cumulative Cash Flow
2025	(\$622,400)						(\$622,400)	(\$622,400)
2026	(\$761,600)	\$15,041			\$161,563	\$14,056	(\$570,941)	(\$1,193,341)
2027	(\$35,000)	\$32,959		\$545,600		\$99,570	\$643,128	(\$550,212)
2028		\$32,959				\$99,570	\$132,528	(\$417,684)
2029		\$32,959				\$99,570	\$132,528	(\$285,156)
2030		\$32,959				\$99,570	\$132,528	(\$152,628)
2031		\$32,959				\$99,570	\$132,528	(\$20,099)
2032		\$32,959				\$99,570	\$132,528	\$112,429
2033		\$32,959					\$32,959	\$145,388
2034		\$32,959					\$32,959	\$178,346
2035		\$32,959					\$32,959	\$211,305
2036		\$32,959					\$32,959	\$244,264
2037		\$32,959					\$32,959	\$277,222
2038		\$32,959					\$32,959	\$310,181
2039		\$32,959					\$32,959	\$343,140
2040		\$32,959				\$35,143	\$68,101	\$411,241
2041		\$32,959					\$32,959	\$444,200
2042		\$32,959					\$32,959	\$477,158
2043		\$32,959					\$32,959	\$510,117
2044		\$32,959					\$32,959	\$543,076
2045		\$32,959					\$32,959	\$576,034
2046		\$32,959					\$32,959	\$608,993
2047		\$32,959					\$32,959	\$641,952
2048		\$32,959					\$32,959	\$674,910
2049		\$32,959					\$32,959	\$707,869
2050		\$32,959					\$32,959	\$740,828
2051		\$32,959					\$32,959	\$773,786
2052		\$32,959					\$32,959	\$806,745
2053		\$32,959					\$32,959	\$839,703
2054		\$32,959					\$32,959	\$872,662
2055		\$32,959					\$32,959	\$905,621
	(\$1,419,000)	\$970,842	\$0	\$545,600	\$161,563	\$646,616	\$905,621	\$9,115,648

Cash Flow - Best Case Scenario (All Funding Received)

Years	Project Costs	Electric Bill Savings	Renew America Reimbursement	Inflation Reduction Act	SMART Inverter Rebate	IL ABP Incentive	Annual Cash Flow	Cumulative Cash Flow
2025	(\$622,400)						(\$622,400)	(\$622,400)
2026	(\$761,600)	\$15,041	\$500,000		\$161,563	\$14,056	(\$70,941)	(\$693,341)
2027	(\$35,000)	\$32,959		\$825,600		\$99,570	\$923,128	\$229,788
2028		\$32,959				\$99,570	\$132,528	\$362,316
2029		\$32,959				\$99,570	\$132,528	\$494,844
2030		\$32,959				\$99,570	\$132,528	\$627,372
2031		\$32,959				\$99,570	\$132,528	\$759,901
2032		\$32,959				\$99,570	\$132,528	\$892,429
2033		\$32,959					\$32,959	\$925,388
2034		\$32,959					\$32,959	\$958,346
2035		\$32,959					\$32,959	\$991,305
2036		\$32,959					\$32,959	\$1,024,264
2037		\$32,959					\$32,959	\$1,057,222
2038		\$32,959					\$32,959	\$1,090,181
2039		\$32,959					\$32,959	\$1,123,140
2040		\$32,959				\$35,143	\$68,101	\$1,191,241
2041		\$32,959					\$32,959	\$1,224,200
2042		\$32,959					\$32,959	\$1,257,158
2043		\$32,959					\$32,959	\$1,290,117
2044		\$32,959					\$32,959	\$1,323,076
2045		\$32,959					\$32,959	\$1,356,034
2046		\$32,959					\$32,959	\$1,388,993
2047		\$32,959					\$32,959	\$1,421,952
2048		\$32,959					\$32,959	\$1,454,910
2049		\$32,959					\$32,959	\$1,487,869
2050		\$32,959					\$32,959	\$1,520,828
2051		\$32,959					\$32,959	\$1,553,786
2052		\$32,959					\$32,959	\$1,586,745
2053		\$32,959					\$32,959	\$1,619,703
2054		\$32,959					\$32,959	\$1,652,662
2055		\$32,959					\$32,959	\$1,685,621
	(\$1,419,000)	\$970,842	\$500,000	\$825,600	\$161,563	\$646,616	\$1,685,621	\$32,235,648