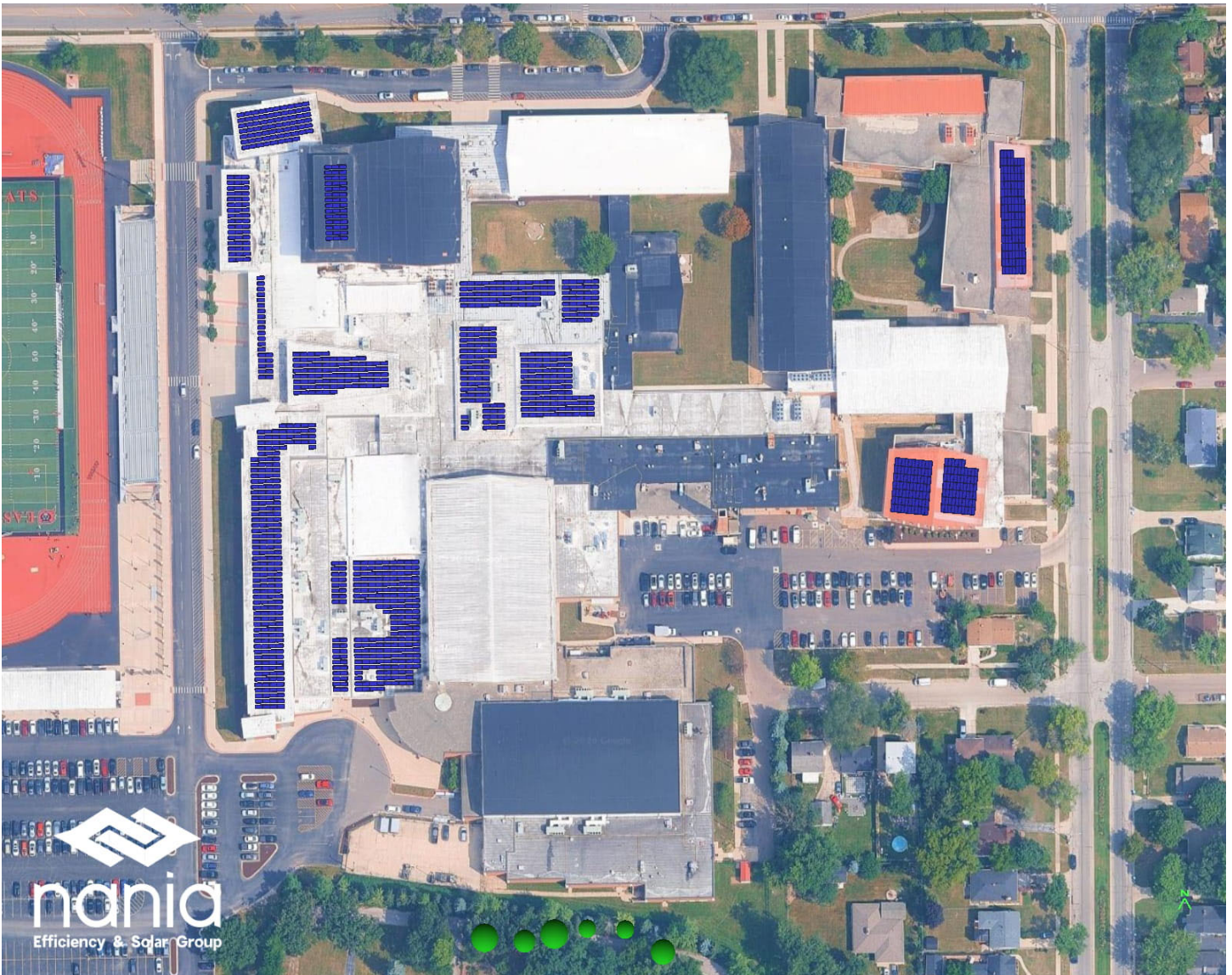


Technical Feasibility Report



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Efficiency & Solar Group



Prepared By:

Nania Energy Advisors
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847-975-6437

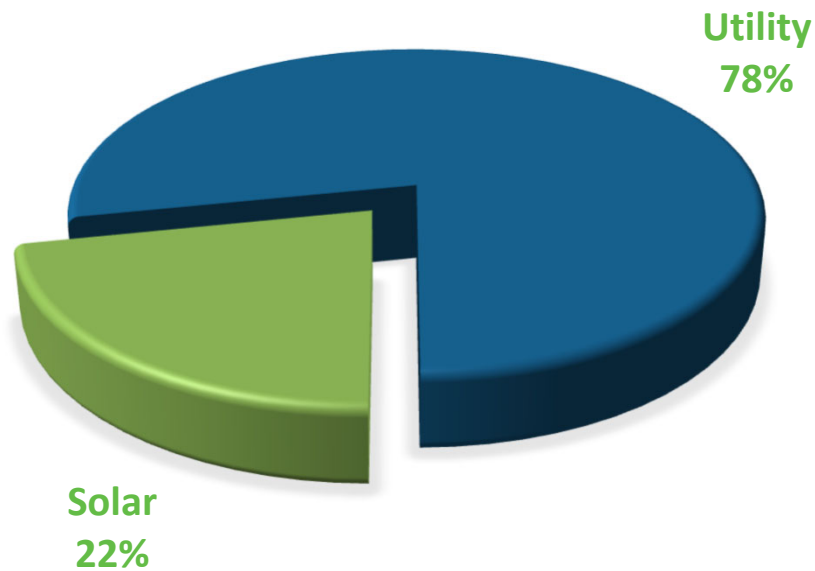
Site Location:

East Aurora High School
East Aurora SD 131
500 Tomcat Ln
Aurora, IL 60505

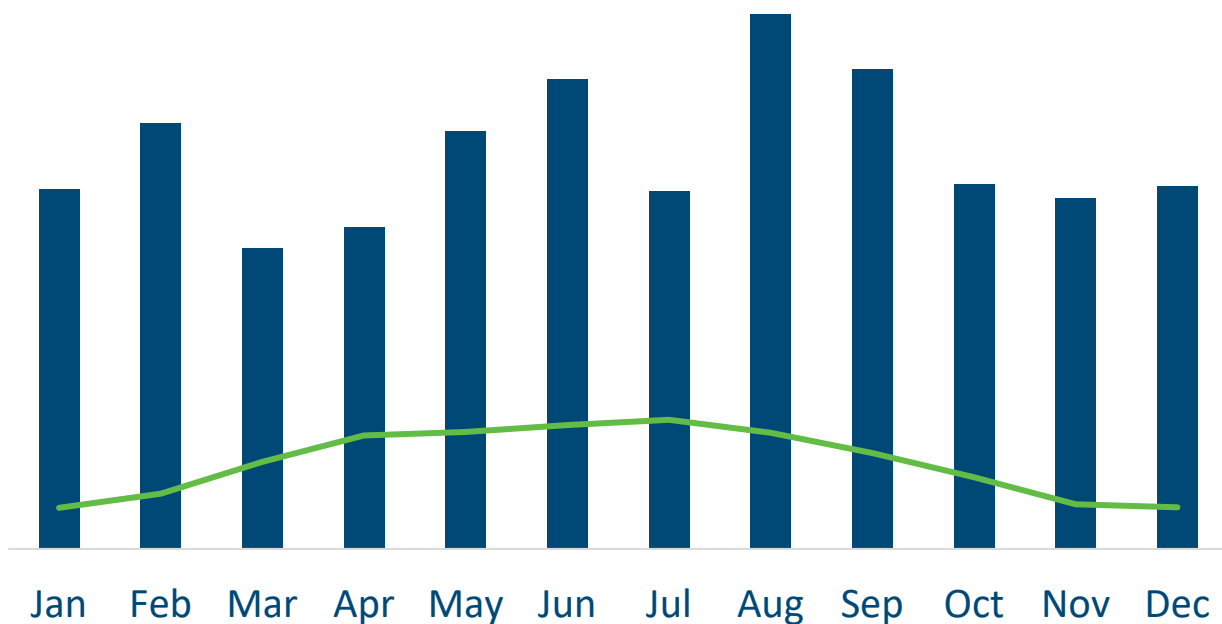
Nania Energy is not a certified financial planner and does not guarantee returns. Pricing is indicative and for informational purposes only.



ANNUAL ENERGY PROFILE



■ Energy Consumption (kWh) — Solar Energy Production (kWh)



726 kW
System Size

1,230
Solar Panels

952,040 kWh
Year 1 Production

Offset 22%
Annual Electricity Use

Capital Purchase Option



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Pay for the project the same way you would any other capital purchase

Project Budget: \$1,611,000

System Life: 25 years

Payback Period: 4.1 years

Lifetime Savings: \$2,886,000

Yr	Project Budget	Total Rebates	State Grants	Federal Tax Credit	Depreciation	Energy Savings	O&M Expense	Annual Cash Flow	Total Cash Flow
1	(\$1,611,000)	\$181,000	\$104,000	\$572,000		\$108,000	(\$4,000)	(\$650,000)	(\$650,000)
2			\$103,000			\$109,000	(\$4,000)	\$208,000	(\$442,000)
3			\$103,000			\$111,000	(\$4,000)	\$210,000	(\$232,000)
4			\$102,000			\$112,000	(\$4,000)	\$210,000	(\$22,000)
5			\$102,000			\$114,000	(\$4,000)	\$212,000	\$190,000
6			\$101,000			\$116,000	(\$4,000)	\$213,000	\$403,000
7			\$101,000			\$118,000	(\$4,000)	\$215,000	\$618,000
8						\$119,000	(\$4,000)	\$115,000	\$733,000
9						\$121,000	(\$4,000)	\$117,000	\$850,000
10						\$123,000	(\$4,000)	\$119,000	\$969,000
11						\$125,000	(\$24,000)	\$101,000	\$1,070,000
12						\$127,000	(\$24,000)	\$103,000	\$1,173,000
13						\$128,000	(\$24,000)	\$104,000	\$1,277,000
14						\$130,000	(\$24,000)	\$106,000	\$1,383,000
15						\$132,000	(\$24,000)	\$108,000	\$1,491,000
16						\$134,000	(\$4,000)	\$130,000	\$1,621,000
17						\$136,000	(\$4,000)	\$132,000	\$1,753,000
18						\$138,000	(\$4,000)	\$134,000	\$1,887,000
19						\$140,000	(\$4,000)	\$136,000	\$2,023,000
20						\$142,000	(\$4,000)	\$138,000	\$2,161,000
21						\$145,000	(\$4,000)	\$141,000	\$2,302,000
22						\$147,000	(\$4,000)	\$143,000	\$2,445,000
23						\$149,000	(\$4,000)	\$145,000	\$2,590,000
24						\$151,000	(\$4,000)	\$147,000	\$2,737,000
25						\$153,000	(\$4,000)	\$149,000	\$2,886,000
Total			\$716,000		\$0	\$3,228,000	(\$200,000)		\$2,886,000

Cash Flow Assumptions:

Utility Rate (\$/kWh): \$0.113

Federal Tax Rate: 0%

Annual Utility Rate Increase: 2.0%

Annual Solar Degradation: 0.5%

Power Purchase Option



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Partner with a 3rd party that installs the solar array at no upfront cost to you, provides all operations & maintenance, and sells you the solar power at a reduced energy rate

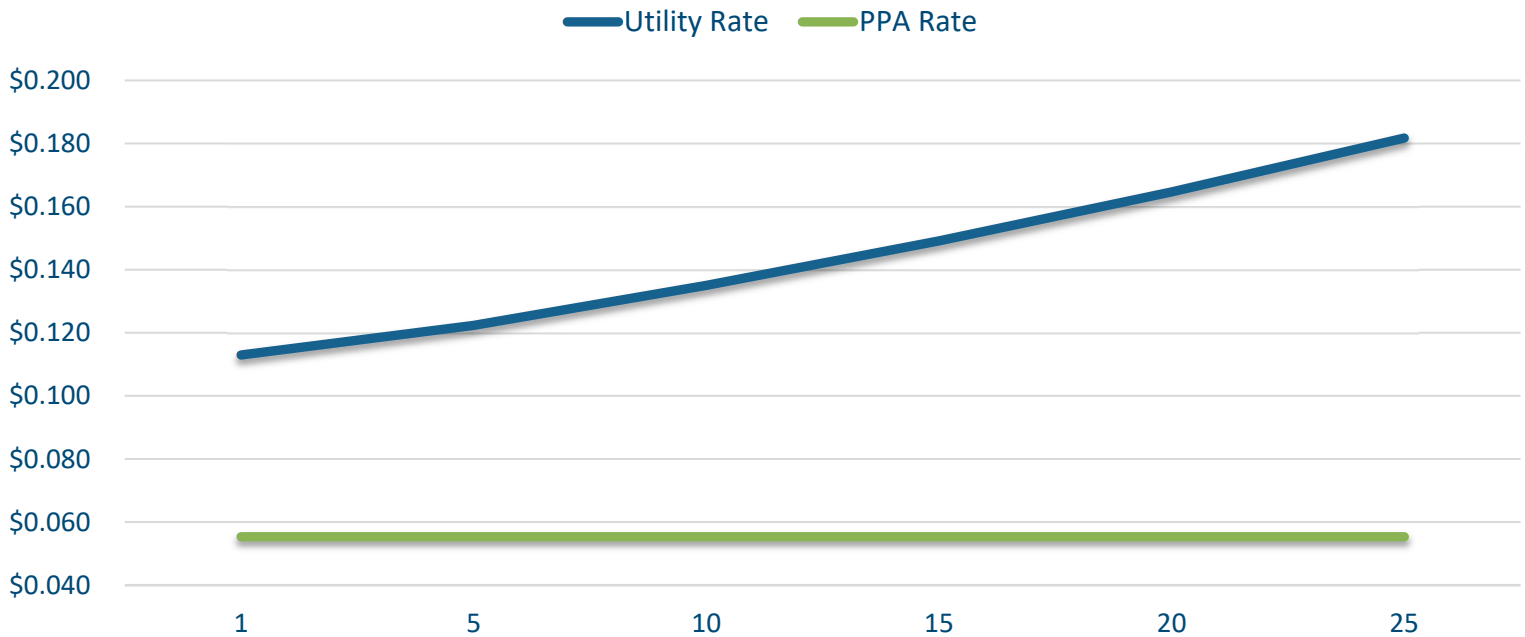
Indicative Pricing

Starting Rate (\$/kWh): \$0.055
Annual Rate Increase: 0.0%
Contract Term: 25 years

Baseline Utility Pricing

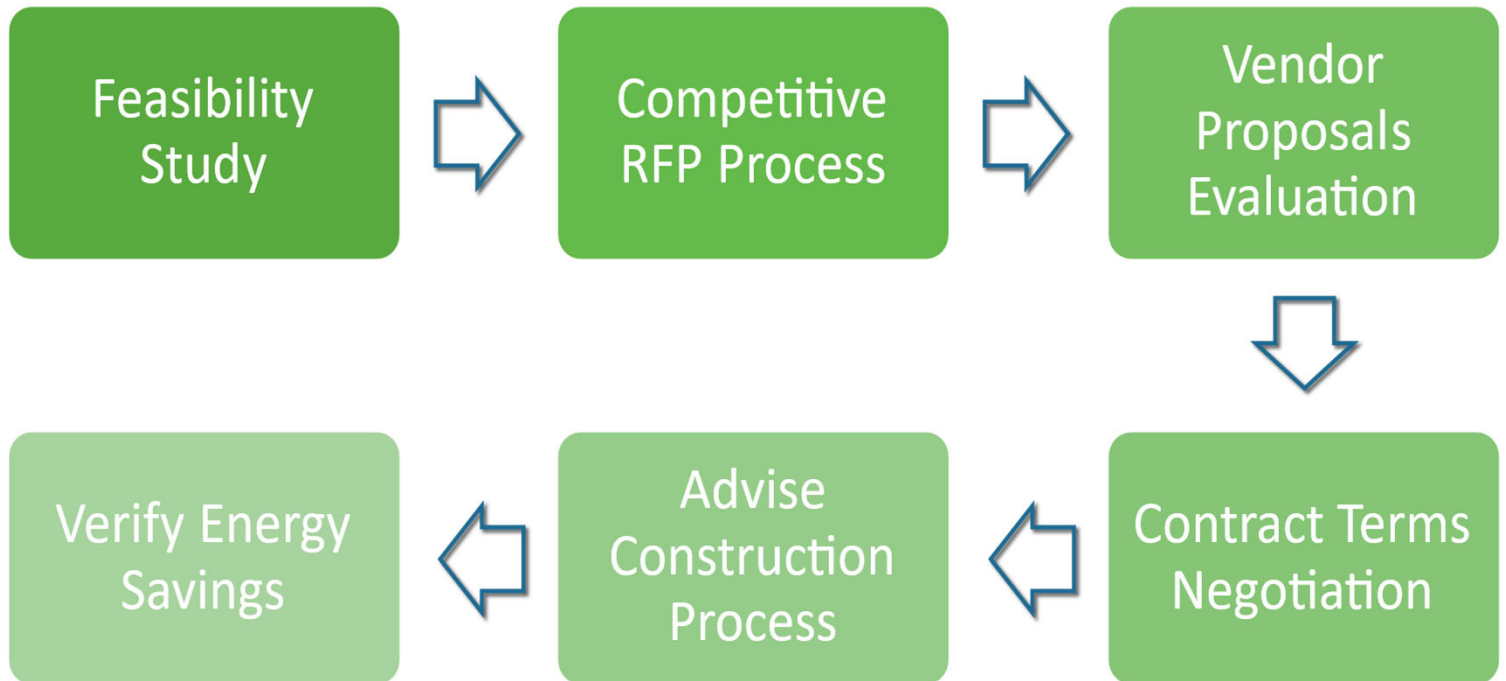
Utility Rate (\$/kWh): \$0.113
Annual Utility Rate Increase: 2.0%

Total Program Savings: \$1,988,000



1,230 solar panels installed at no upfront cost

Solar Procurement Process



We Are Your Unbiased Advisors

Contact for more information:

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