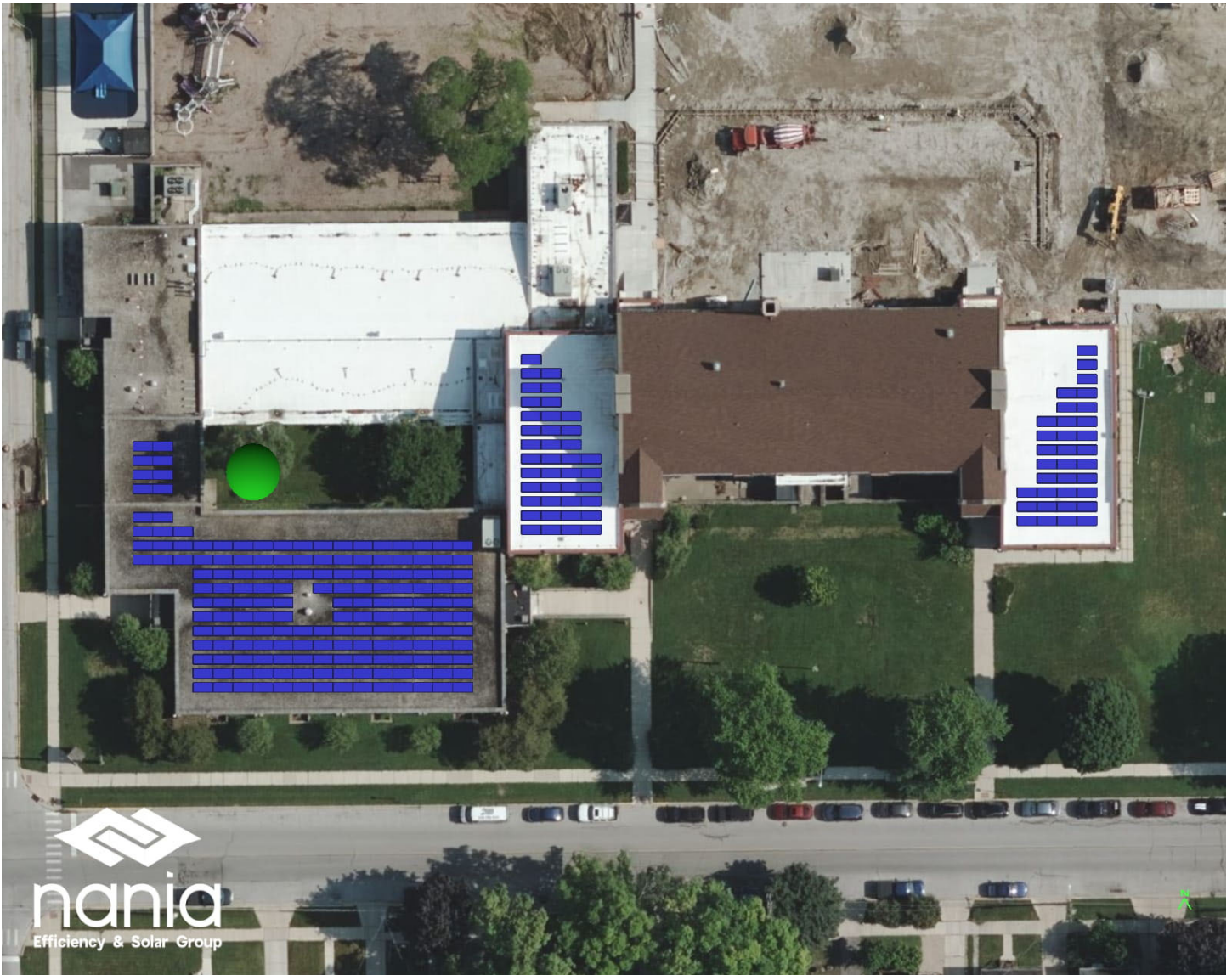


Technical Feasibility Report



nania
Efficiency & Solar Group



Prepared By:

Nania Energy Advisors
Aaron Raftery
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847-975-6437

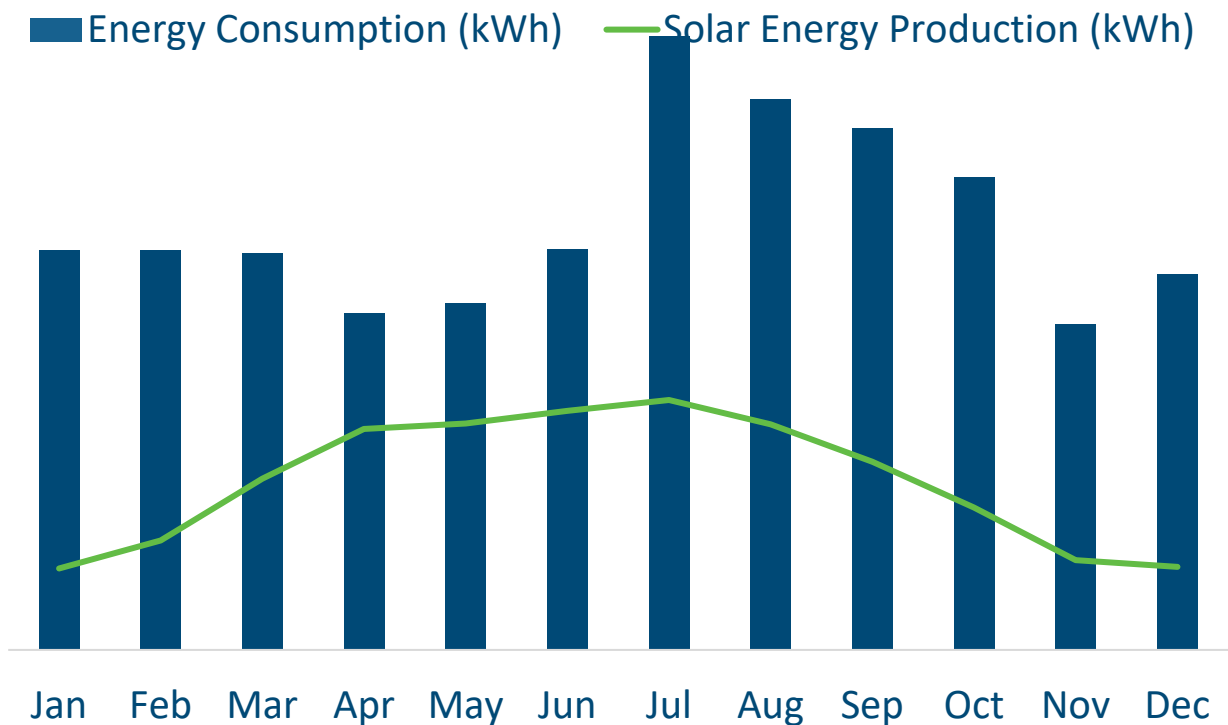
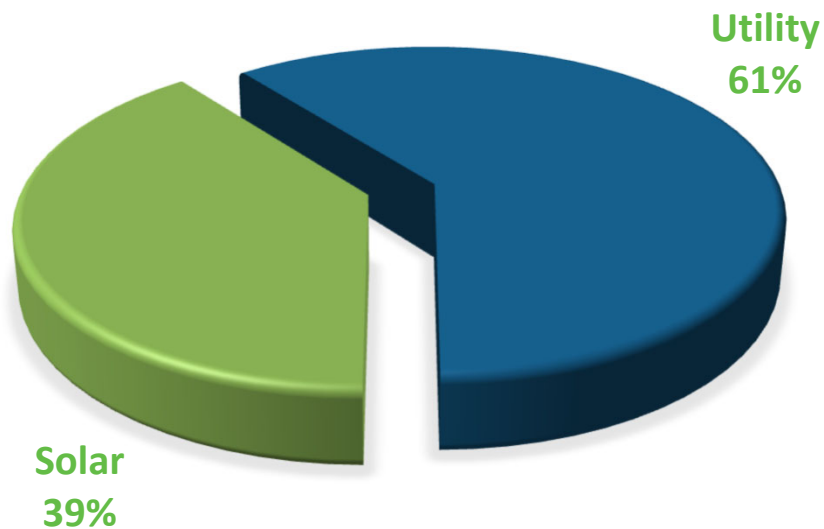
Site Location:

Oak Park Elementary School
East Aurora SD 131
1200 Front St
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



143 kW
System Size

242
Solar Panels

186,322 kWh
Year 1 Production

Offset 39%
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: \$375,000

System Life: 25 years

Payback Period: 4.4 years

Lifetime Savings: \$560,000

Yr	Project Budget	Total Rebates	State Grants	Federal Tax Credit	Depreciation	Energy Savings	O&M Expense	Annual Cash Flow	Total Cash Flow
1	(\$375,000)	\$36,000	\$26,000	\$136,000		\$21,000	(\$1,000)	(\$157,000)	(\$157,000)
2			\$25,000			\$21,000	(\$1,000)	\$45,000	(\$112,000)
3			\$25,000			\$22,000	(\$1,000)	\$46,000	(\$66,000)
4			\$25,000			\$22,000	(\$1,000)	\$46,000	(\$20,000)
5			\$25,000			\$22,000	(\$1,000)	\$46,000	\$26,000
6			\$25,000			\$23,000	(\$1,000)	\$47,000	\$73,000
7			\$25,000			\$23,000	(\$1,000)	\$47,000	\$120,000
8						\$23,000	(\$1,000)	\$22,000	\$142,000
9						\$24,000	(\$1,000)	\$23,000	\$165,000
10						\$24,000	(\$1,000)	\$23,000	\$188,000
11						\$24,000	(\$5,000)	\$19,000	\$207,000
12						\$25,000	(\$5,000)	\$20,000	\$227,000
13						\$25,000	(\$5,000)	\$20,000	\$247,000
14						\$26,000	(\$5,000)	\$21,000	\$268,000
15						\$26,000	(\$5,000)	\$21,000	\$289,000
16						\$26,000	(\$1,000)	\$25,000	\$314,000
17						\$27,000	(\$1,000)	\$26,000	\$340,000
18						\$27,000	(\$1,000)	\$26,000	\$366,000
19						\$27,000	(\$1,000)	\$26,000	\$392,000
20						\$28,000	(\$1,000)	\$27,000	\$419,000
21						\$28,000	(\$1,000)	\$27,000	\$446,000
22						\$29,000	(\$1,000)	\$28,000	\$474,000
23						\$29,000	(\$1,000)	\$28,000	\$502,000
24						\$30,000	(\$1,000)	\$29,000	\$531,000
25						\$30,000	(\$1,000)	\$29,000	\$560,000
Total			\$176,000		\$0	\$632,000	(\$45,000)		\$560,000

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

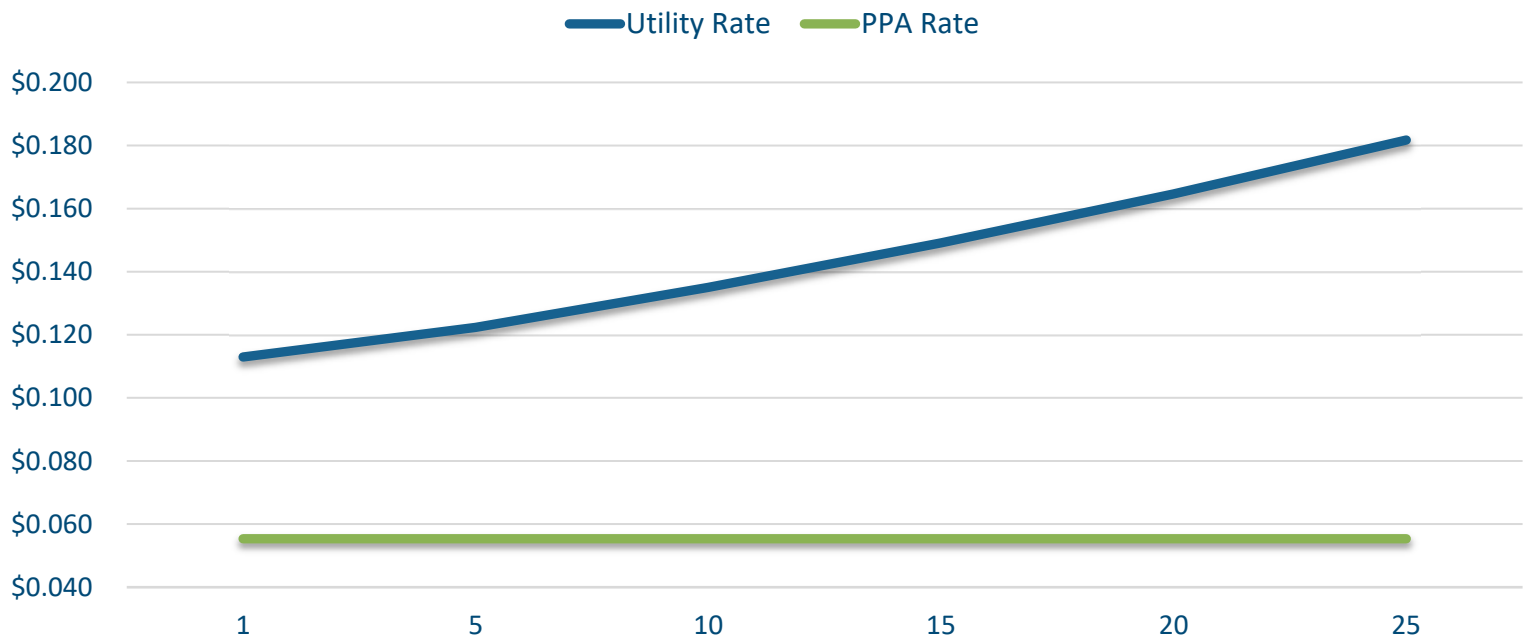
Indicative Pricing

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

Baseline Utility Pricing

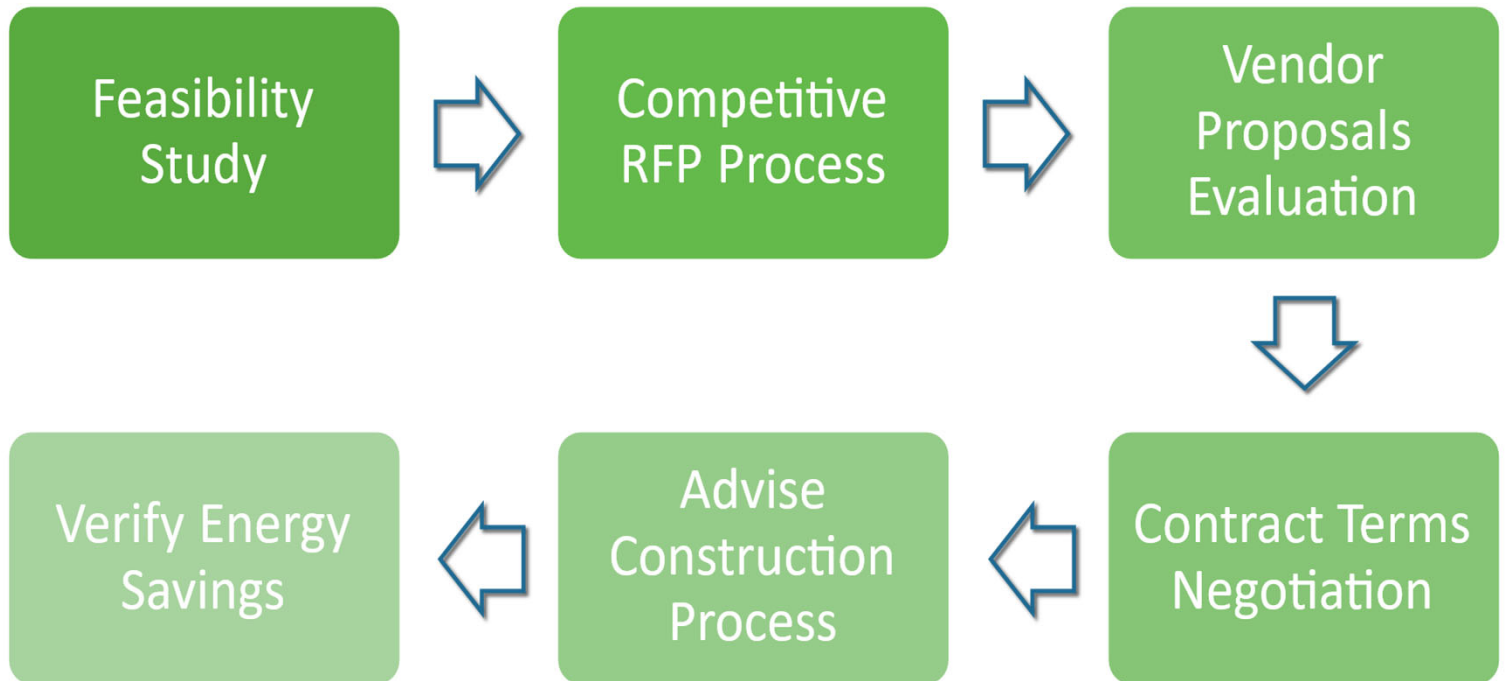
Utility Rate (\$/kWh): \$0.113
Annual Utility Rate Increase: 2.0%

Total Program Savings: \$389,000



242 solar panels installed at no upfront cost

Solar Procurement Process



We Are Your Unbiased Advisors

Contact for more information:

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