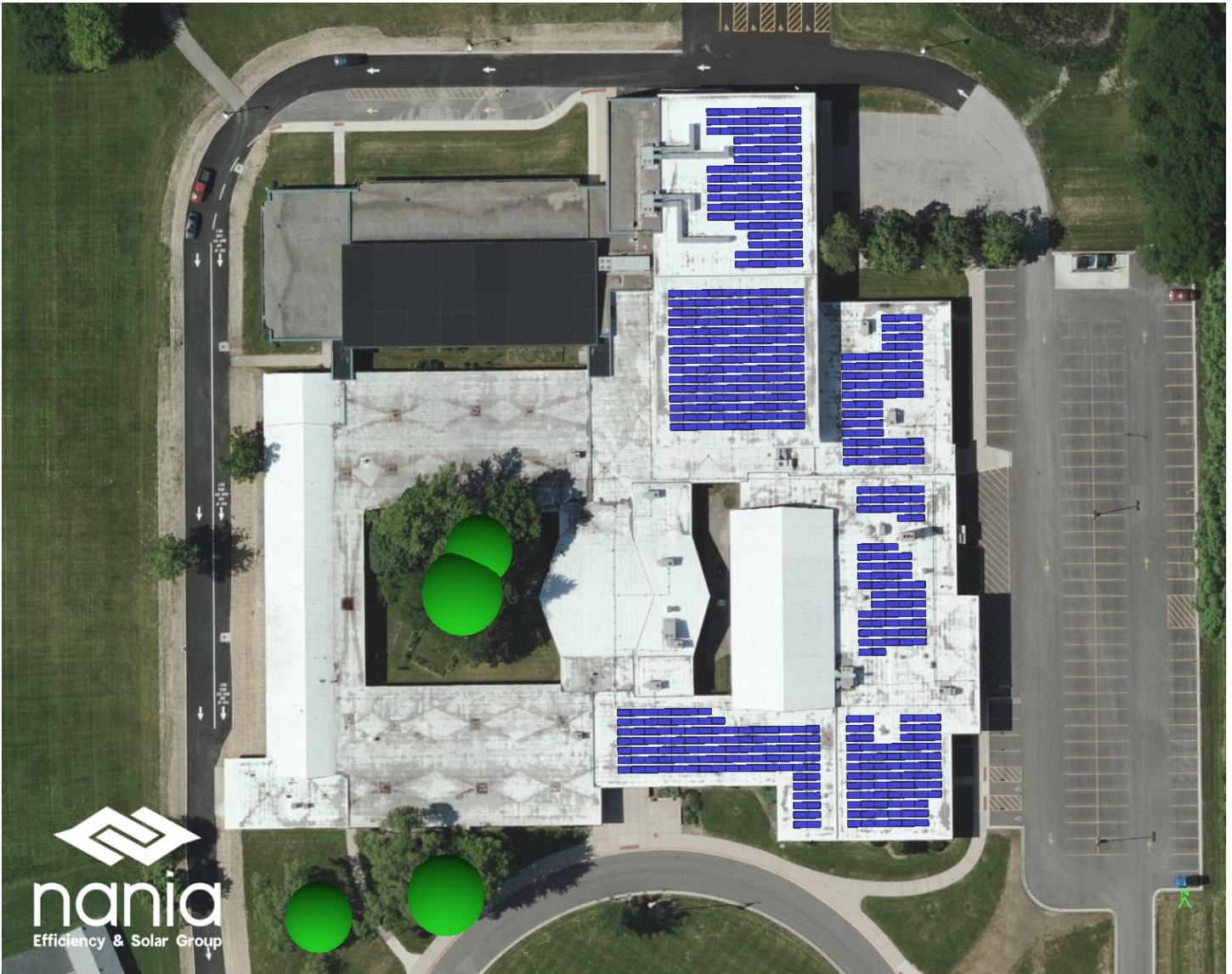


Technical Feasibility Report



nania
Efficiency & Solar Group



Prepared By:

Nania Energy Advisors
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847-975-6437

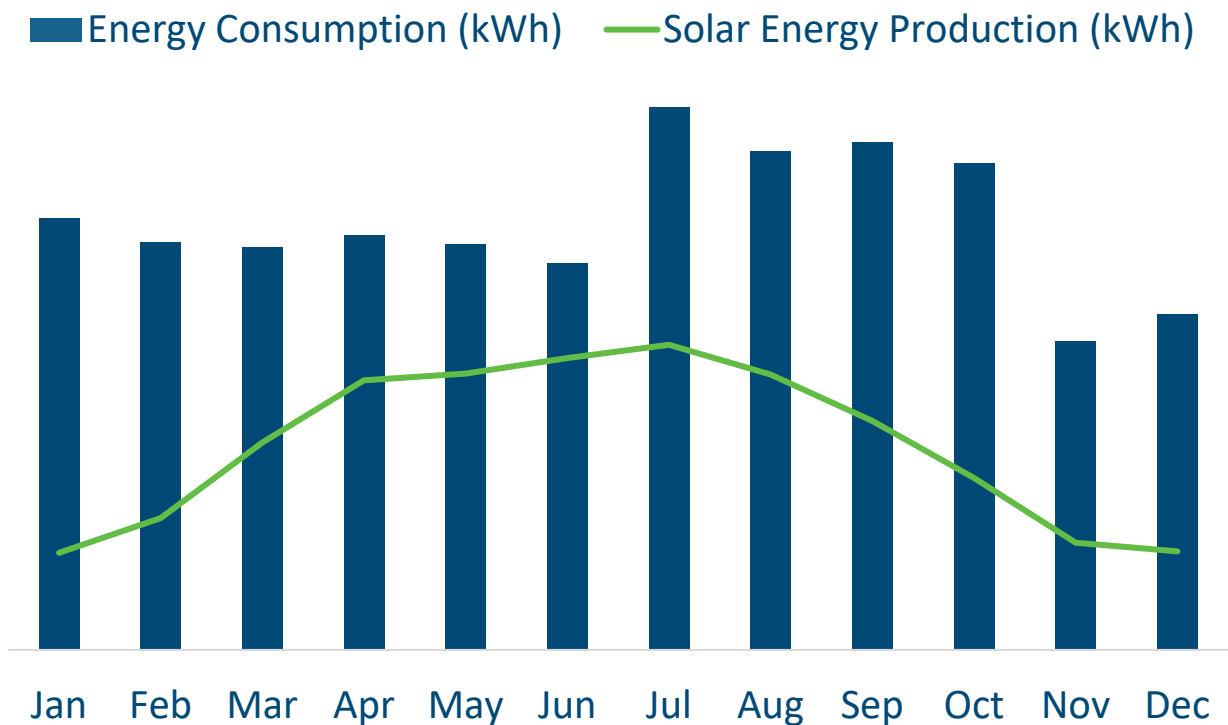
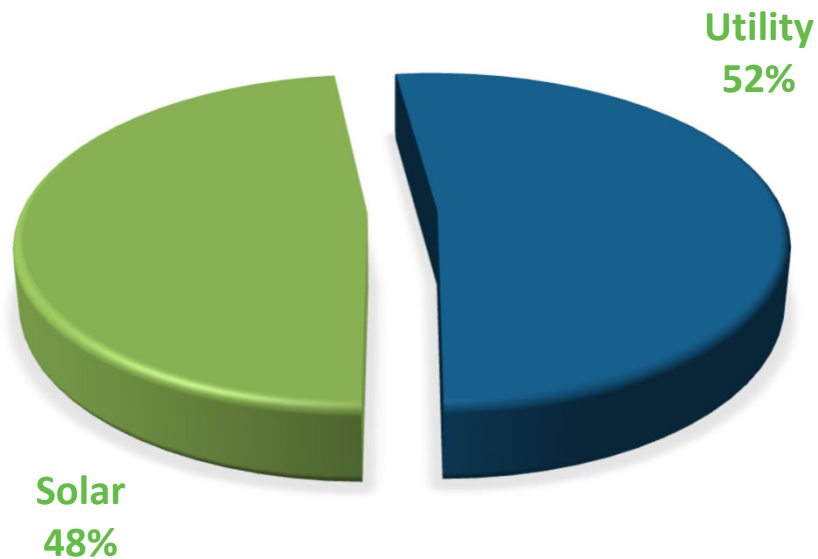
Site Location:

Simmons Middle School
East Aurora SD 131
1130 Sheffer Rd
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



335 kW
System Size

567
Solar Panels

452,524 kWh
Year 1 Production

Offset 48%
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: \$802,000

System Life: 25 years

Payback Period: 4.1 years

Lifetime Savings: \$1,384,000

Yr	Project Budget	Total Rebates	State Grants	Federal Tax Credit	Depreciation	Energy Savings	O&M Expense	Annual Cash Flow	Total Cash Flow
1	(\$802,000)	\$84,000	\$54,000	\$287,000		\$51,000	(\$2,000)	(\$328,000)	(\$328,000)
2			\$54,000			\$52,000	(\$2,000)	\$104,000	(\$224,000)
3			\$54,000			\$53,000	(\$2,000)	\$105,000	(\$119,000)
4			\$53,000			\$53,000	(\$2,000)	\$104,000	(\$15,000)
5			\$53,000			\$54,000	(\$2,000)	\$105,000	\$90,000
6			\$53,000			\$55,000	(\$2,000)	\$106,000	\$196,000
7			\$52,000			\$56,000	(\$2,000)	\$106,000	\$302,000
8						\$57,000	(\$2,000)	\$55,000	\$357,000
9						\$58,000	(\$2,000)	\$56,000	\$413,000
10						\$58,000	(\$2,000)	\$56,000	\$469,000
11						\$59,000	(\$11,000)	\$48,000	\$517,000
12						\$60,000	(\$11,000)	\$49,000	\$566,000
13						\$61,000	(\$11,000)	\$50,000	\$616,000
14						\$62,000	(\$11,000)	\$51,000	\$667,000
15						\$63,000	(\$11,000)	\$52,000	\$719,000
16						\$64,000	(\$2,000)	\$62,000	\$781,000
17						\$65,000	(\$2,000)	\$63,000	\$844,000
18						\$66,000	(\$2,000)	\$64,000	\$908,000
19						\$67,000	(\$2,000)	\$65,000	\$973,000
20						\$68,000	(\$2,000)	\$66,000	\$1,039,000
21						\$69,000	(\$2,000)	\$67,000	\$1,106,000
22						\$70,000	(\$2,000)	\$68,000	\$1,174,000
23						\$71,000	(\$2,000)	\$69,000	\$1,243,000
24						\$72,000	(\$2,000)	\$70,000	\$1,313,000
25						\$73,000	(\$2,000)	\$71,000	\$1,384,000
Total			\$373,000		\$0	\$1,537,000	(\$95,000)		\$1,384,000

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

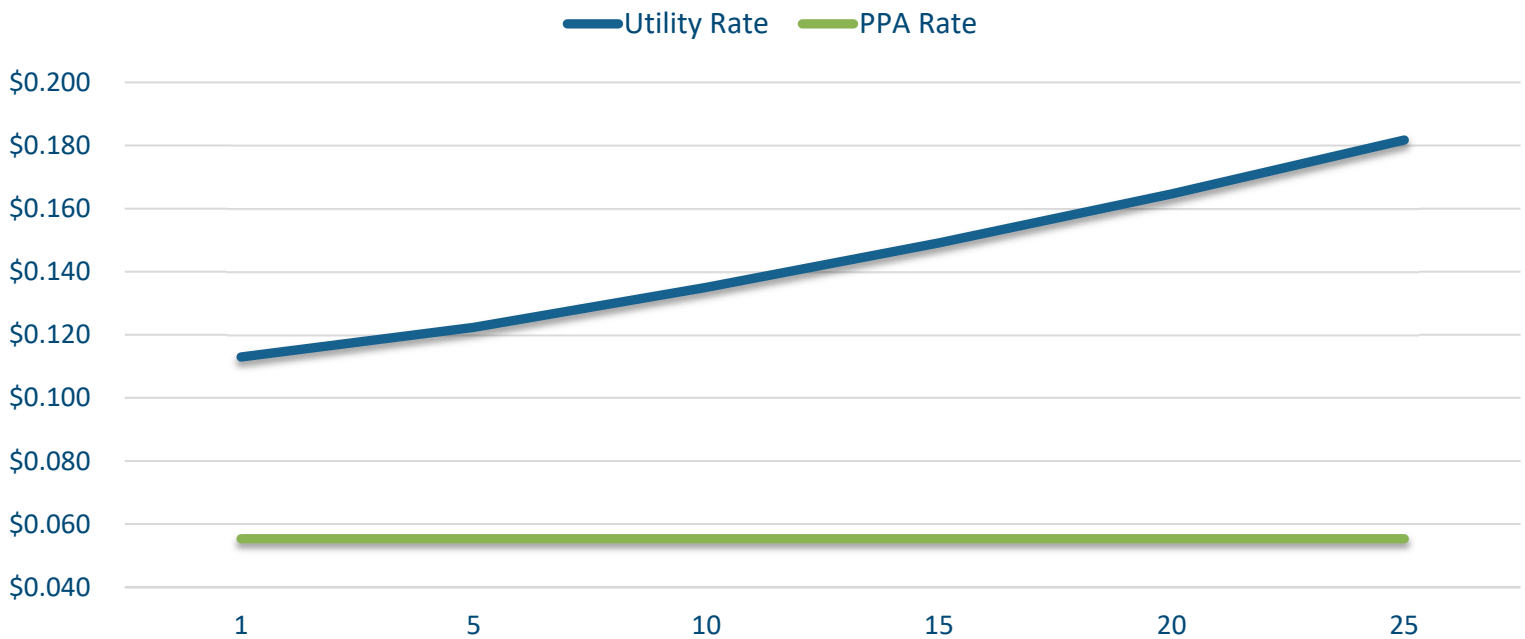
Indicative Pricing

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

Baseline Utility Pricing

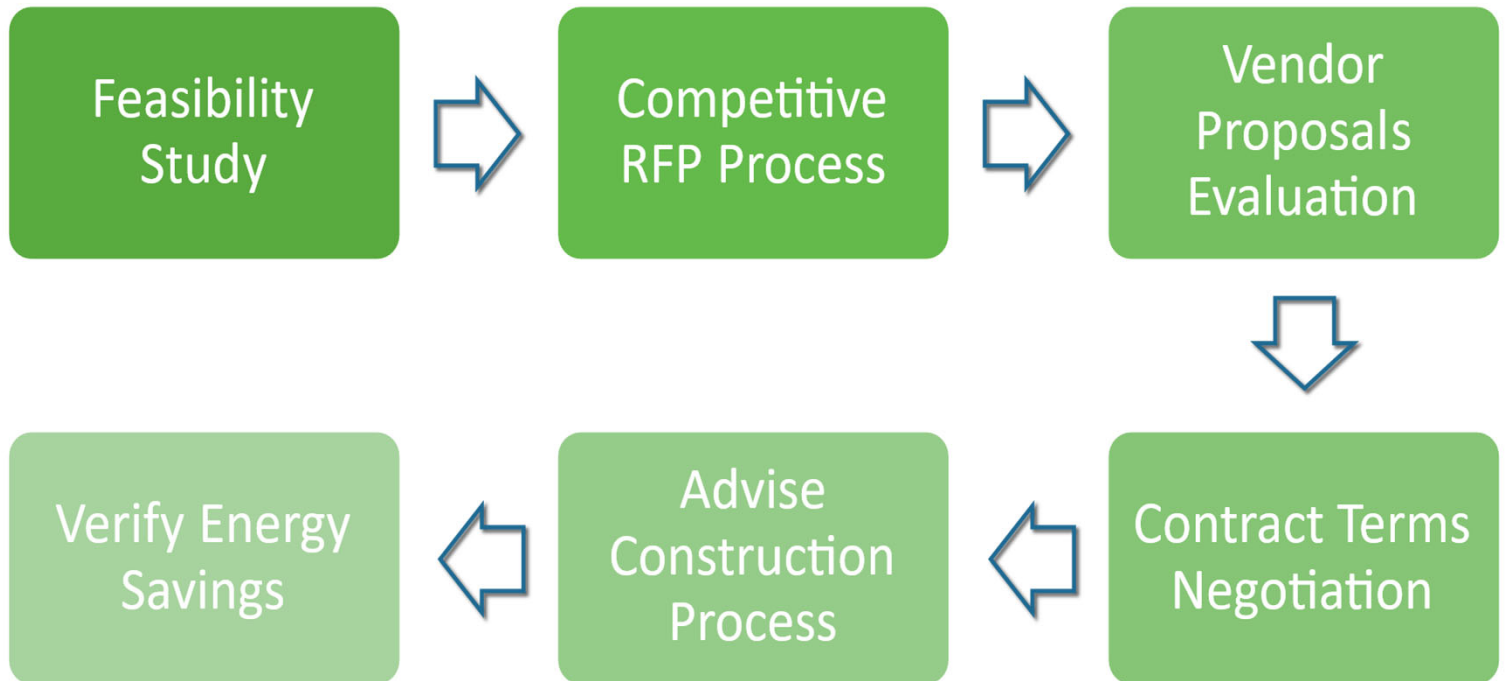
Utility Rate (\$/kWh): \$0.113
Annual Utility Rate Increase: 2.0%

Total Program Savings: \$945,000



567 solar panels installed at no upfront cost

Solar Procurement Process



We Are Your Unbiased Advisors

Contact for more information:

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