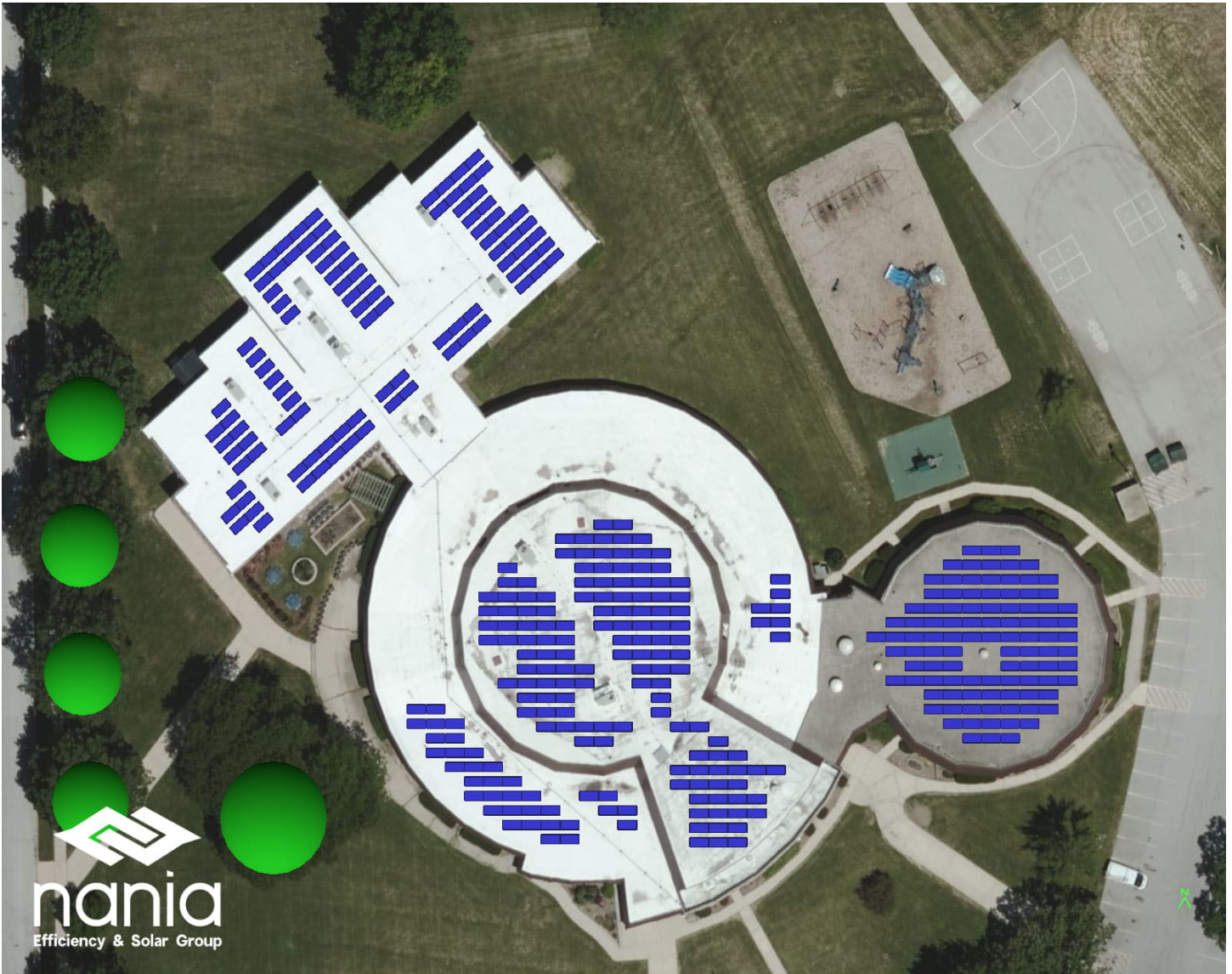


Technical Feasibility Report



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Efficiency & Solar Group



Prepared By:

Site Location:

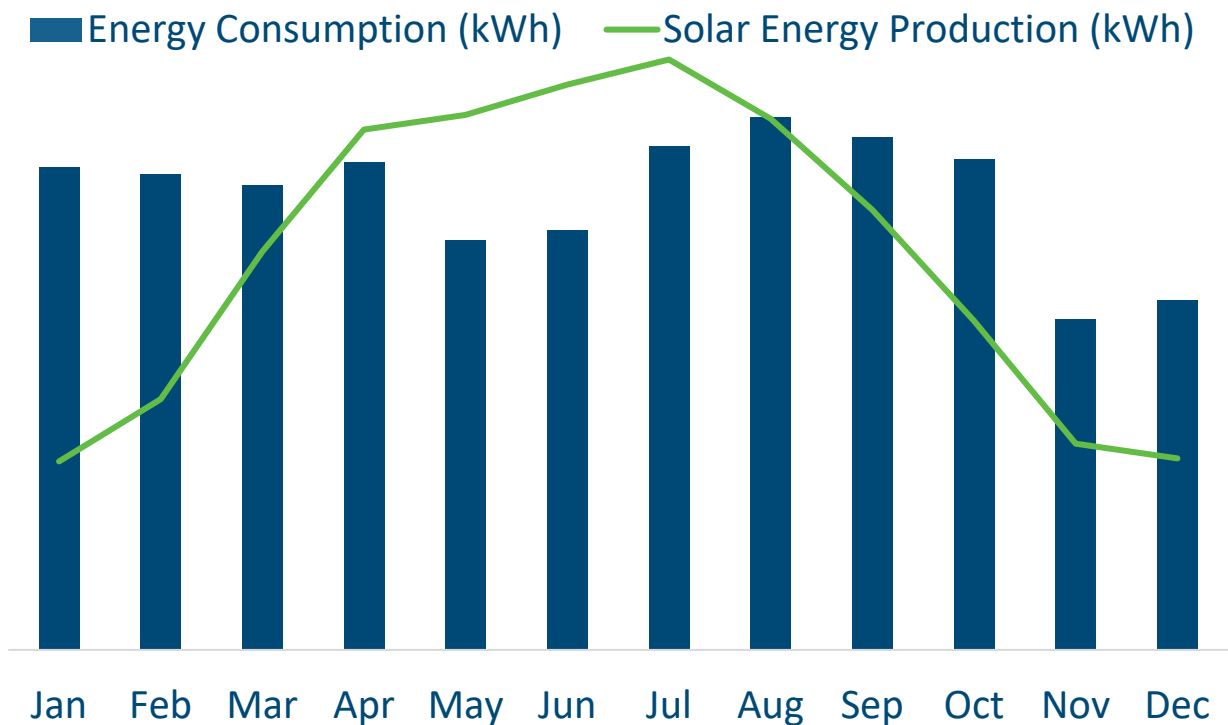
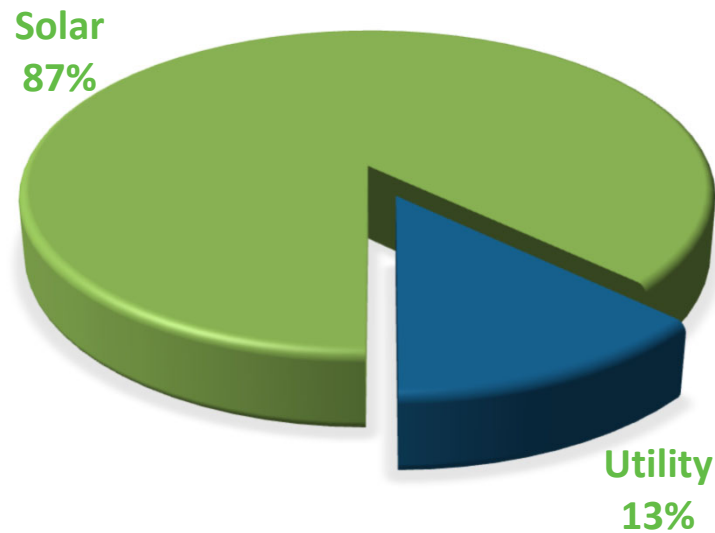
Nania Energy Advisors
Aaron Raftery
araftery@naniaenergy.com
847-975-6437

O'Donnell Elementary School
East Aurora SD 131
1640 Reckinger 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



219 kW
System Size

371
Solar Panels

290,934 kWh
Year 1 Production

Offset 87%
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: \$546,000

System Life: 25 years

Payback Period: 4.1 years

Lifetime Savings: \$913,000

Yr	Project Budget	Total Rebates	State Grants	Federal Tax Credit	Depreciation	Energy Savings	O&M Expense	Annual Cash Flow	Total Cash Flow
1	(\$546,000)	\$55,000	\$40,000	\$196,000		\$33,000	(\$1,000)	(\$223,000)	(\$223,000)
2			\$40,000			\$33,000	(\$1,000)	\$72,000	(\$151,000)
3			\$40,000			\$34,000	(\$1,000)	\$73,000	(\$78,000)
4			\$39,000			\$34,000	(\$1,000)	\$72,000	(\$6,000)
5			\$39,000			\$35,000	(\$1,000)	\$73,000	\$67,000
6			\$39,000			\$35,000	(\$1,000)	\$73,000	\$140,000
7			\$39,000			\$36,000	(\$1,000)	\$74,000	\$214,000
8						\$36,000	(\$1,000)	\$35,000	\$249,000
9						\$37,000	(\$1,000)	\$36,000	\$285,000
10						\$38,000	(\$1,000)	\$37,000	\$322,000
11						\$38,000	(\$7,000)	\$31,000	\$353,000
12						\$39,000	(\$7,000)	\$32,000	\$385,000
13						\$39,000	(\$7,000)	\$32,000	\$417,000
14						\$40,000	(\$7,000)	\$33,000	\$450,000
15						\$40,000	(\$7,000)	\$33,000	\$483,000
16						\$41,000	(\$1,000)	\$40,000	\$523,000
17						\$42,000	(\$1,000)	\$41,000	\$564,000
18						\$42,000	(\$1,000)	\$41,000	\$605,000
19						\$43,000	(\$1,000)	\$42,000	\$647,000
20						\$44,000	(\$1,000)	\$43,000	\$690,000
21						\$44,000	(\$1,000)	\$43,000	\$733,000
22						\$45,000	(\$1,000)	\$44,000	\$777,000
23						\$46,000	(\$1,000)	\$45,000	\$822,000
24						\$46,000	(\$1,000)	\$45,000	\$867,000
25						\$47,000	(\$1,000)	\$46,000	\$913,000
Total			\$276,000		\$0	\$987,000	(\$55,000)		\$913,000

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

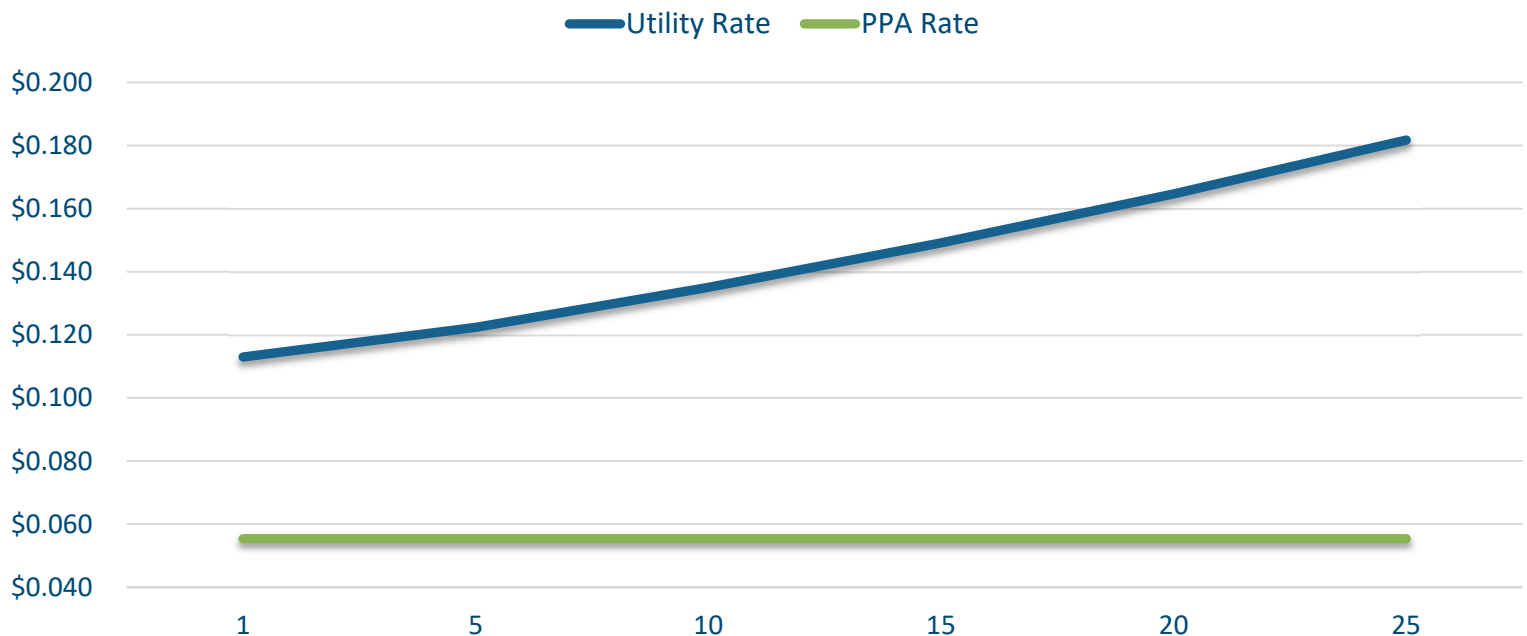
Indicative Pricing

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

Baseline Utility Pricing

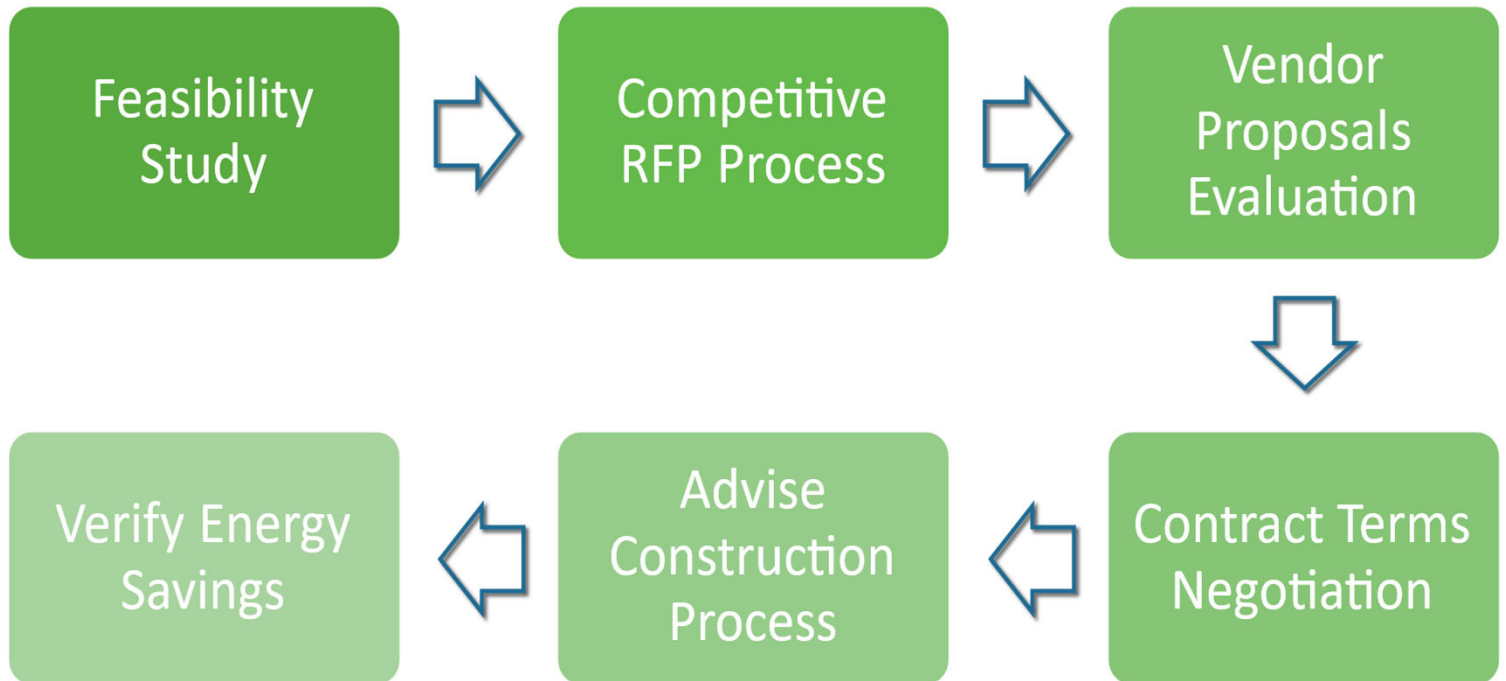
Utility Rate (\$/kWh): \$0.113
Annual Utility Rate Increase: 2.0%

Total Program Savings: \$608,000



371 solar panels installed at no upfront cost

Solar Procurement Process



We Are Your Unbiased Advisors

Contact for more information:

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