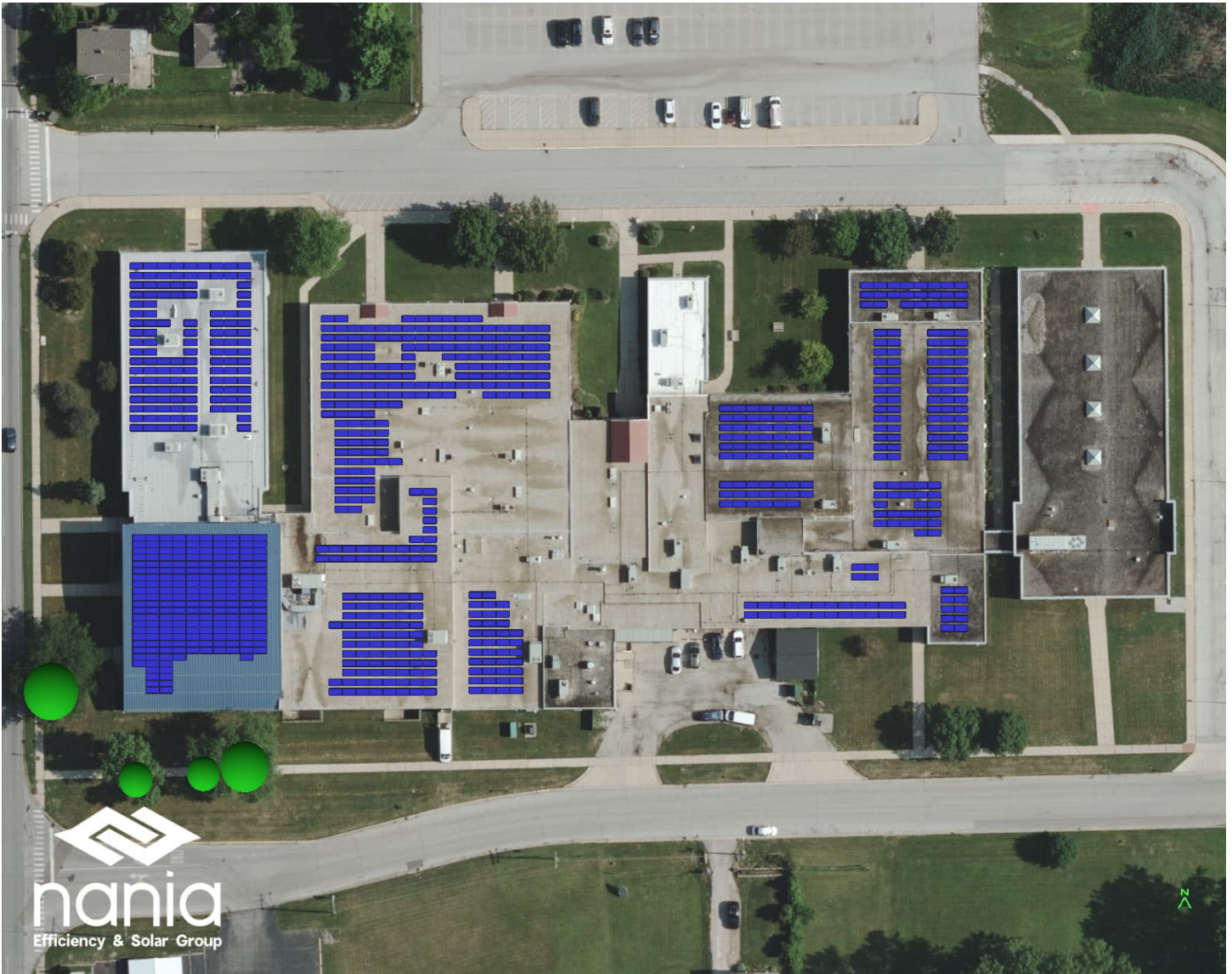


Technical Feasibility Report



nania
Efficiency & Solar Group



Prepared By:

Site Location:

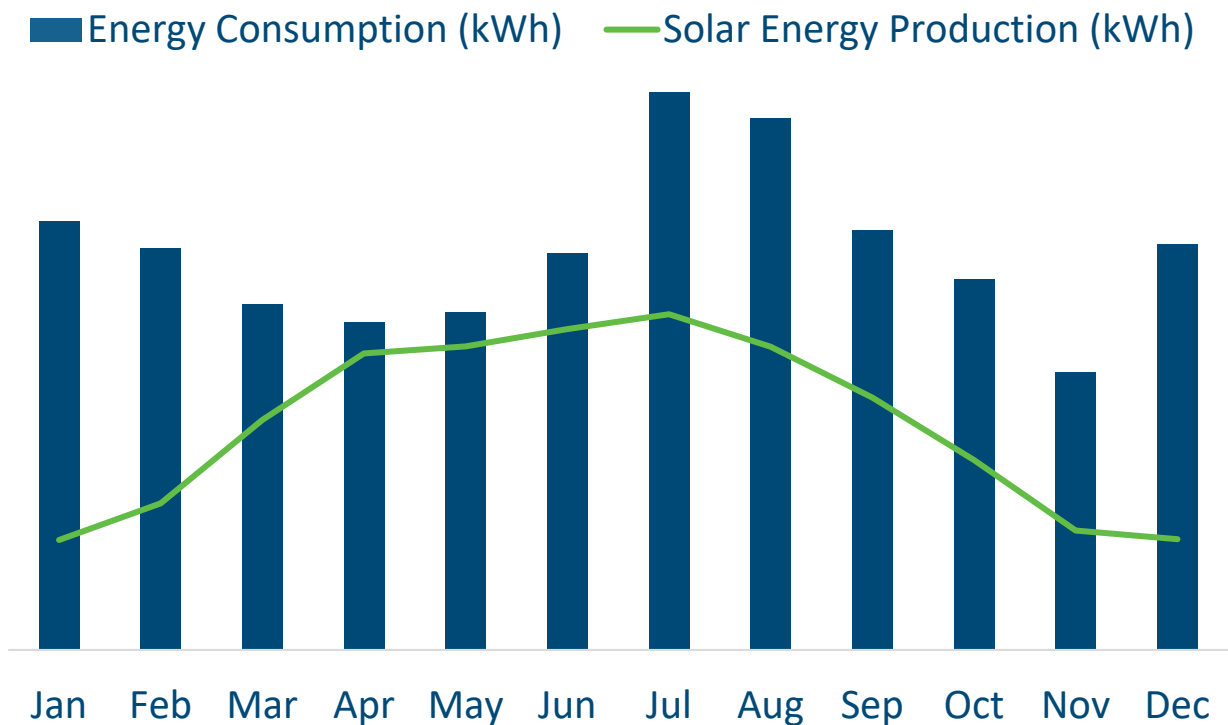
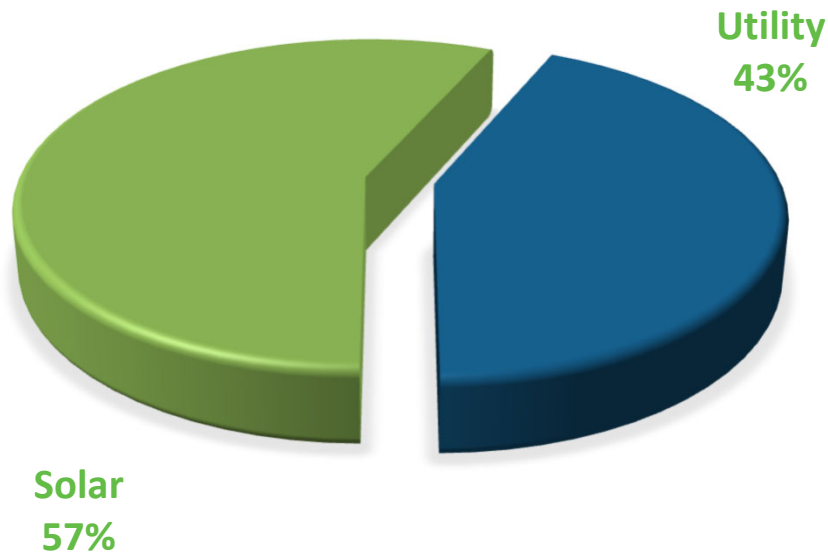
Nania Energy Advisors
Aaron Raftery
araftery@naniaenergy.com
847-975-6437

Cowherd Middle School
East Aurora SD 131
441 N Farnsworth Ave
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



502 kW
System Size

851
Solar Panels

666,327 kWh
Year 1 Production

Offset 57%
Annual Electricity Use

Capital Purchase Option



nania
Efficiency & Solar Group

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

Project Budget: \$1,169,000

System Life: 25 years

Payback Period: 4.1 years

Lifetime Savings: \$2,040,000

Yr	Project Budget	Total Rebates	State Grants	Federal Tax Credit	Depreciation	Energy Savings	O&M Expense	Annual Cash Flow	Total Cash Flow
1	(\$1,169,000)	\$126,000	\$80,000	\$418,000		\$75,000	(\$3,000)	(\$473,000)	(\$473,000)
2			\$79,000			\$76,000	(\$3,000)	\$152,000	(\$321,000)
3			\$79,000			\$78,000	(\$3,000)	\$154,000	(\$167,000)
4			\$78,000			\$79,000	(\$3,000)	\$154,000	(\$13,000)
5			\$78,000			\$80,000	(\$3,000)	\$155,000	\$142,000
6			\$78,000			\$81,000	(\$3,000)	\$156,000	\$298,000
7			\$77,000			\$82,000	(\$3,000)	\$156,000	\$454,000
8						\$84,000	(\$3,000)	\$81,000	\$535,000
9						\$85,000	(\$3,000)	\$82,000	\$617,000
10						\$86,000	(\$3,000)	\$83,000	\$700,000
11						\$87,000	(\$17,000)	\$70,000	\$770,000
12						\$89,000	(\$17,000)	\$72,000	\$842,000
13						\$90,000	(\$17,000)	\$73,000	\$915,000
14						\$91,000	(\$17,000)	\$74,000	\$989,000
15						\$93,000	(\$17,000)	\$76,000	\$1,065,000
16						\$94,000	(\$3,000)	\$91,000	\$1,156,000
17						\$95,000	(\$3,000)	\$92,000	\$1,248,000
18						\$97,000	(\$3,000)	\$94,000	\$1,342,000
19						\$98,000	(\$3,000)	\$95,000	\$1,437,000
20						\$100,000	(\$3,000)	\$97,000	\$1,534,000
21						\$101,000	(\$3,000)	\$98,000	\$1,632,000
22						\$103,000	(\$3,000)	\$100,000	\$1,732,000
23						\$104,000	(\$3,000)	\$101,000	\$1,833,000
24						\$106,000	(\$3,000)	\$103,000	\$1,936,000
25						\$107,000	(\$3,000)	\$104,000	\$2,040,000
Total			\$549,000		\$0	\$2,261,000	(\$145,000)		\$2,040,000

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



nania
Efficiency & Solar Group

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

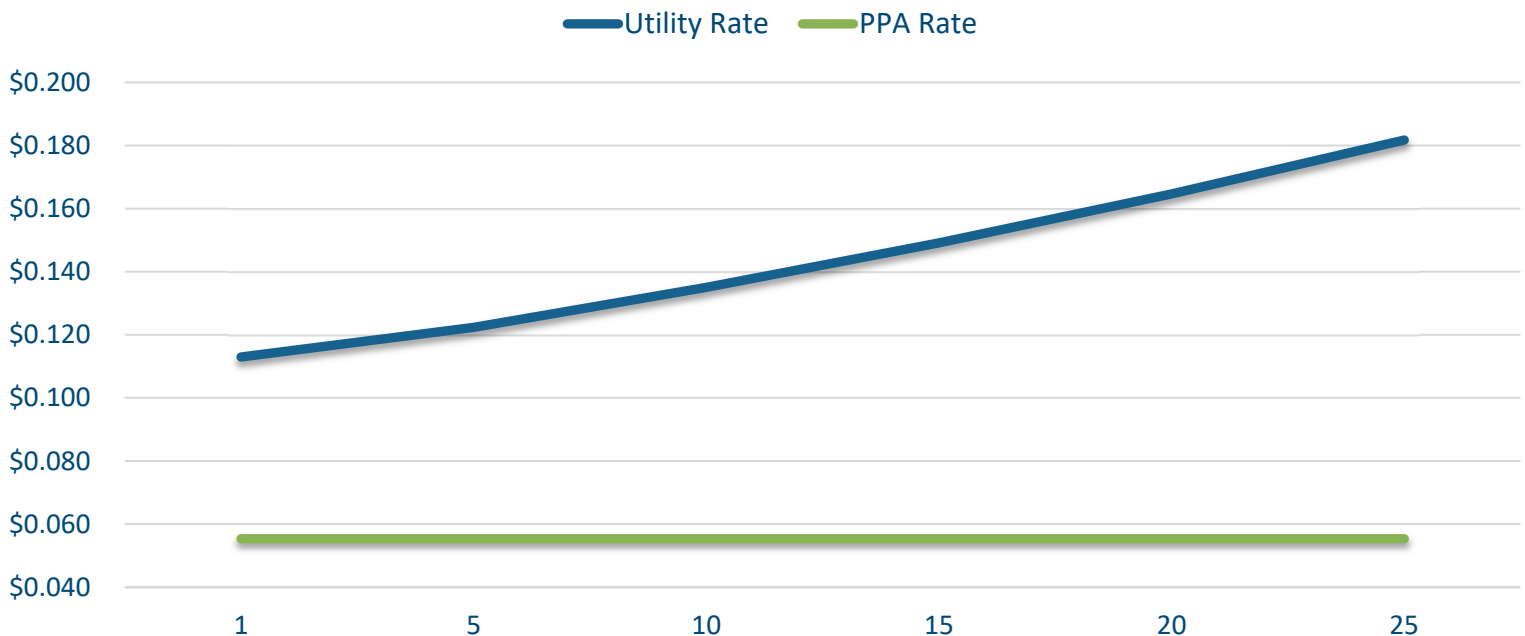
Indicative Pricing

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

Baseline Utility Pricing

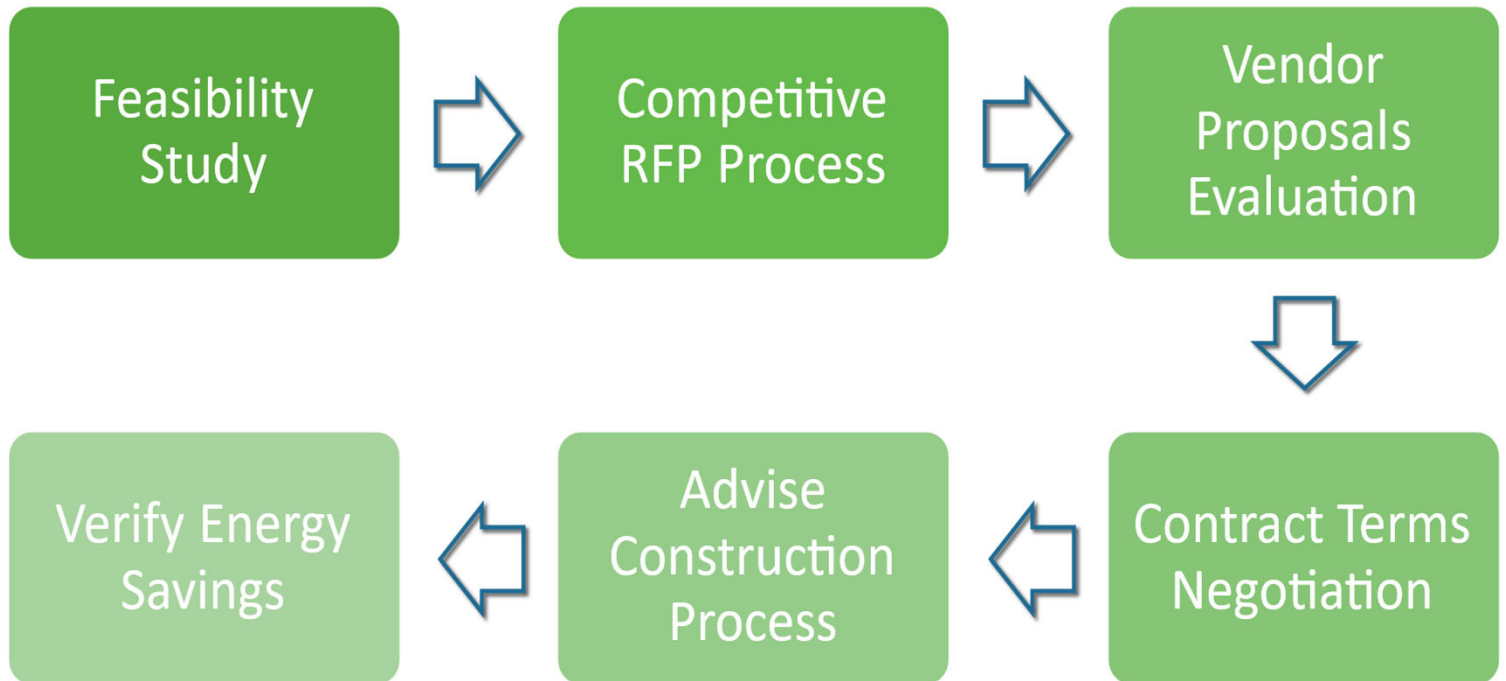
Utility Rate (\$/kWh): \$0.113
Annual Utility Rate Increase: 2.0%

Total Program Savings: \$1,392,000



851 solar panels installed at no upfront cost

Solar Procurement Process



We Are Your Unbiased Advisors

Contact for more information:

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