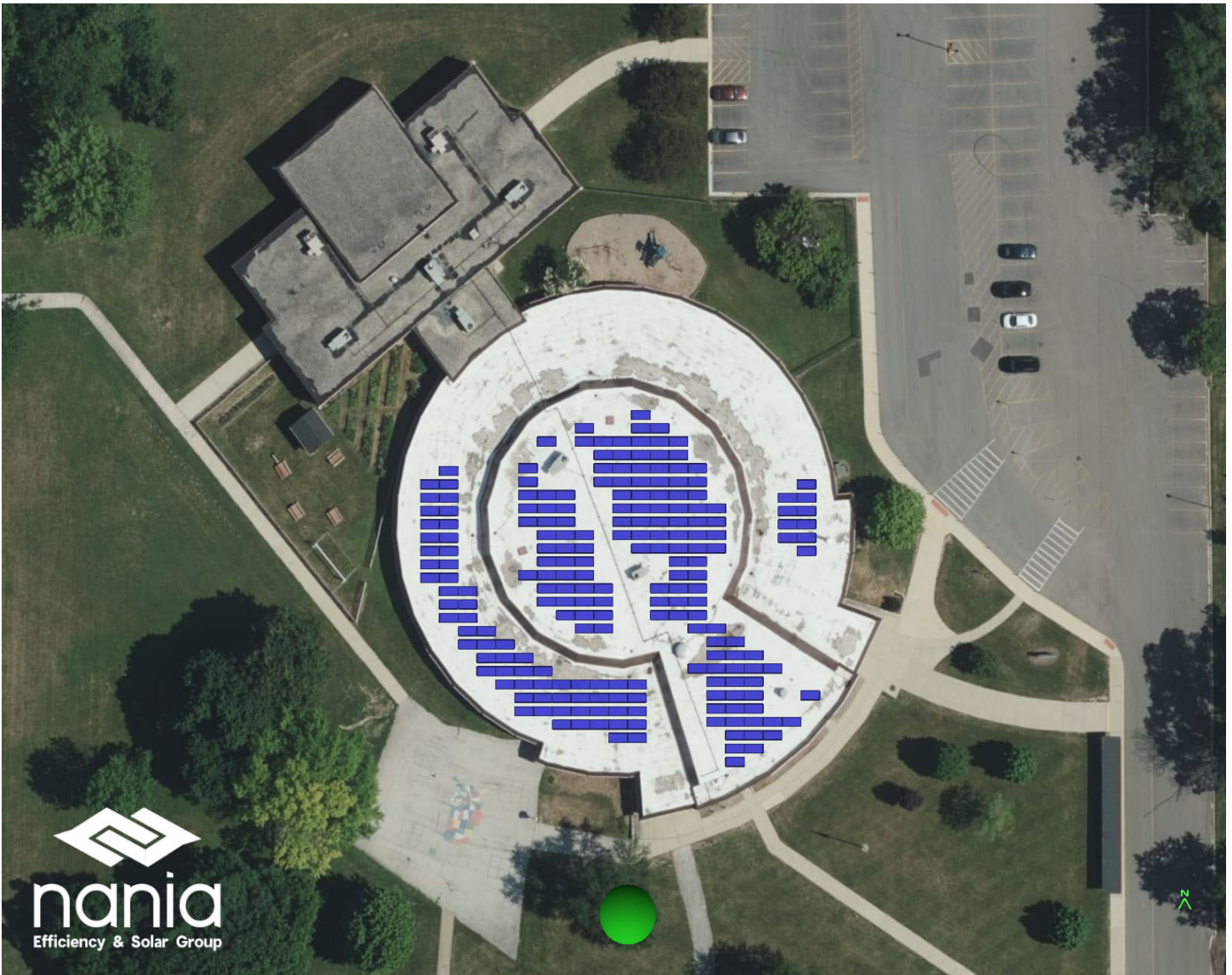


Technical Feasibility Report



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Efficiency & Solar Group



Prepared By:

Site Location:

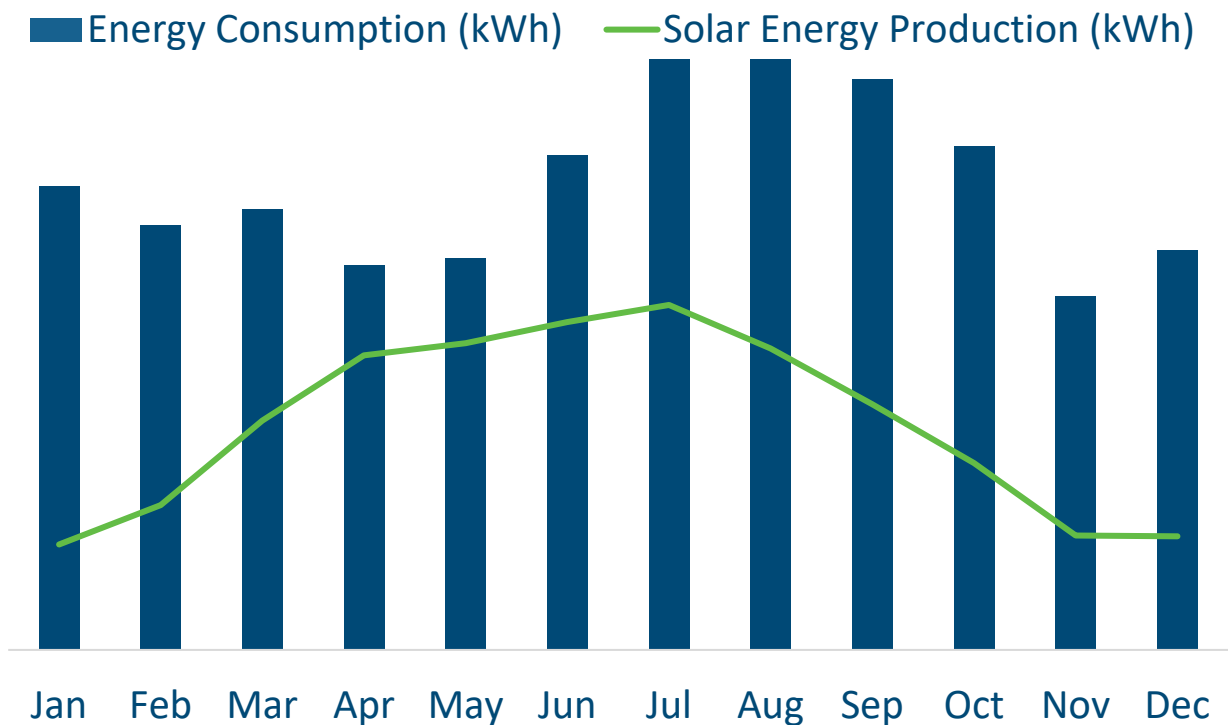
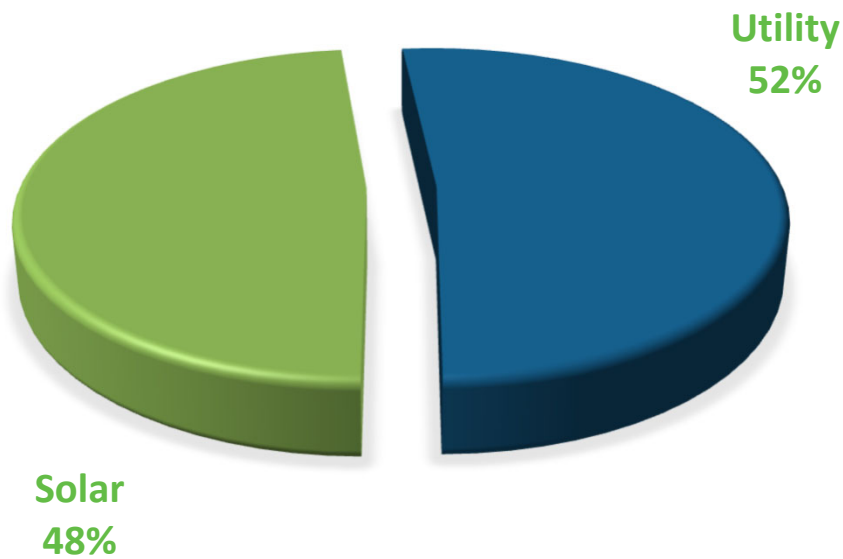
Nania Energy Advisors
Aaron Raftery
araftery@naniaenergy.com
847-975-6437

Krug Elementary School
East Aurora SD 131
240 Melrose 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



126 kW
System Size

213
Solar Panels

166,404 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: \$336,000

System Life: 25 years

Payback Period: 4.4 years

Lifetime Savings: \$499,000

Yr	Project Budget	Total Rebates	State Grants	Federal Tax Credit	Depreciation	Energy Savings	O&M Expense	Annual Cash Flow	Total Cash Flow
1	(\$336,000)	\$31,000	\$23,000	\$122,000		\$19,000	(\$1,000)	(\$142,000)	(\$142,000)
2			\$23,000			\$19,000	(\$1,000)	\$41,000	(\$101,000)
3			\$23,000			\$19,000	(\$1,000)	\$41,000	(\$60,000)
4			\$23,000			\$20,000	(\$1,000)	\$42,000	(\$18,000)
5			\$22,000			\$20,000	(\$1,000)	\$41,000	\$23,000
6			\$22,000			\$20,000	(\$1,000)	\$41,000	\$64,000
7			\$22,000			\$21,000	(\$1,000)	\$42,000	\$106,000
8						\$21,000	(\$1,000)	\$20,000	\$126,000
9						\$21,000	(\$1,000)	\$20,000	\$146,000
10						\$21,000	(\$1,000)	\$20,000	\$166,000
11						\$22,000	(\$4,000)	\$18,000	\$184,000
12						\$22,000	(\$4,000)	\$18,000	\$202,000
13						\$22,000	(\$4,000)	\$18,000	\$220,000
14						\$23,000	(\$4,000)	\$19,000	\$239,000
15						\$23,000	(\$4,000)	\$19,000	\$258,000
16						\$23,000	(\$1,000)	\$22,000	\$280,000
17						\$24,000	(\$1,000)	\$23,000	\$303,000
18						\$24,000	(\$1,000)	\$23,000	\$326,000
19						\$25,000	(\$1,000)	\$24,000	\$350,000
20						\$25,000	(\$1,000)	\$24,000	\$374,000
21						\$25,000	(\$1,000)	\$24,000	\$398,000
22						\$26,000	(\$1,000)	\$25,000	\$423,000
23						\$26,000	(\$1,000)	\$25,000	\$448,000
24						\$26,000	(\$1,000)	\$25,000	\$473,000
25						\$27,000	(\$1,000)	\$26,000	\$499,000
Total			\$158,000		\$0	\$564,000	(\$40,000)		\$499,000

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

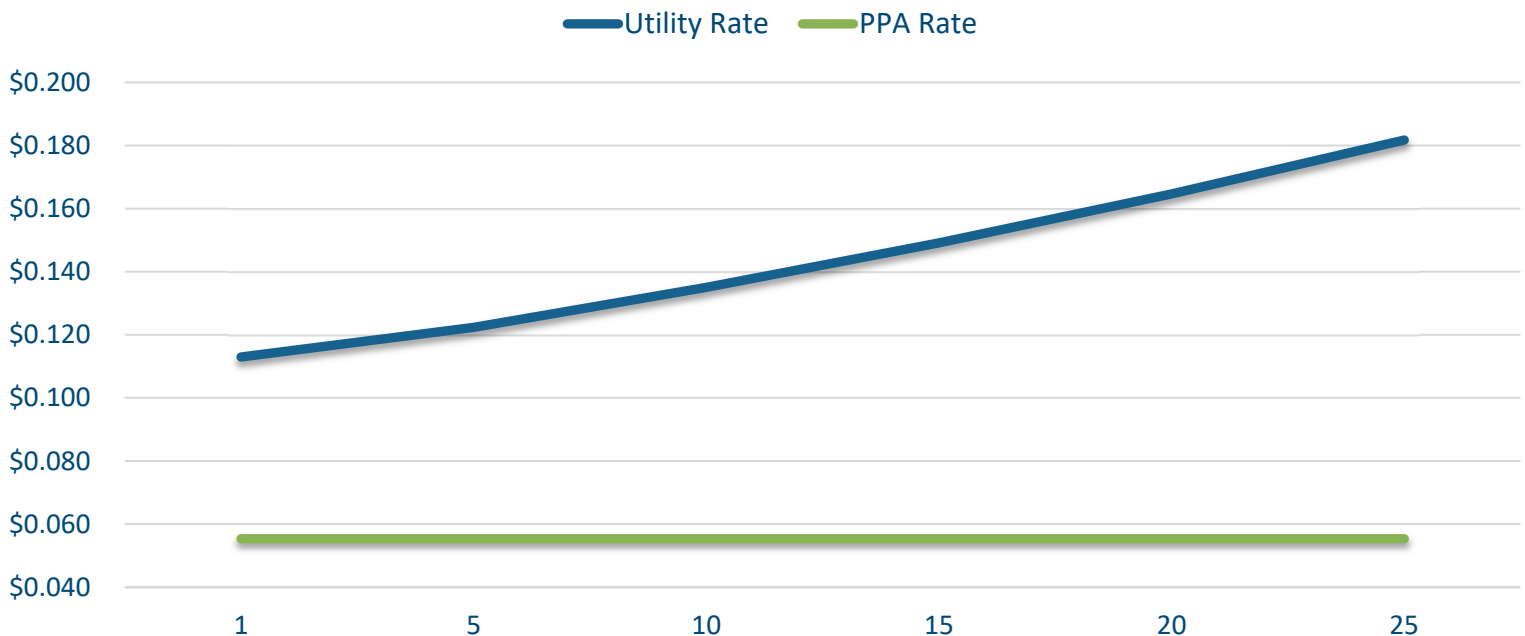
Indicative Pricing

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

Baseline Utility Pricing

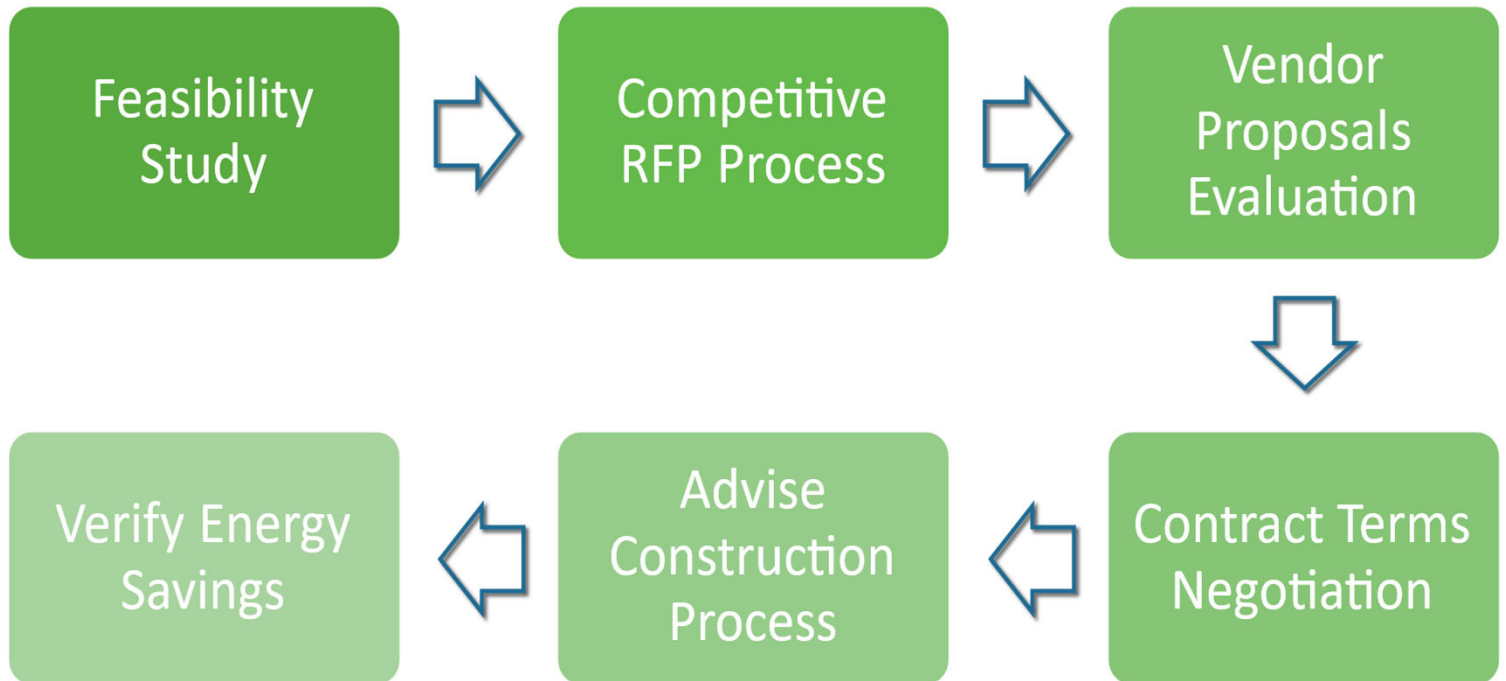
Utility Rate (\$/kWh): \$0.113
Annual Utility Rate Increase: 2.0%

Total Program Savings: \$348,000



213 solar panels installed at no upfront cost

Solar Procurement Process



We Are Your Unbiased Advisors

Contact for more information:

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