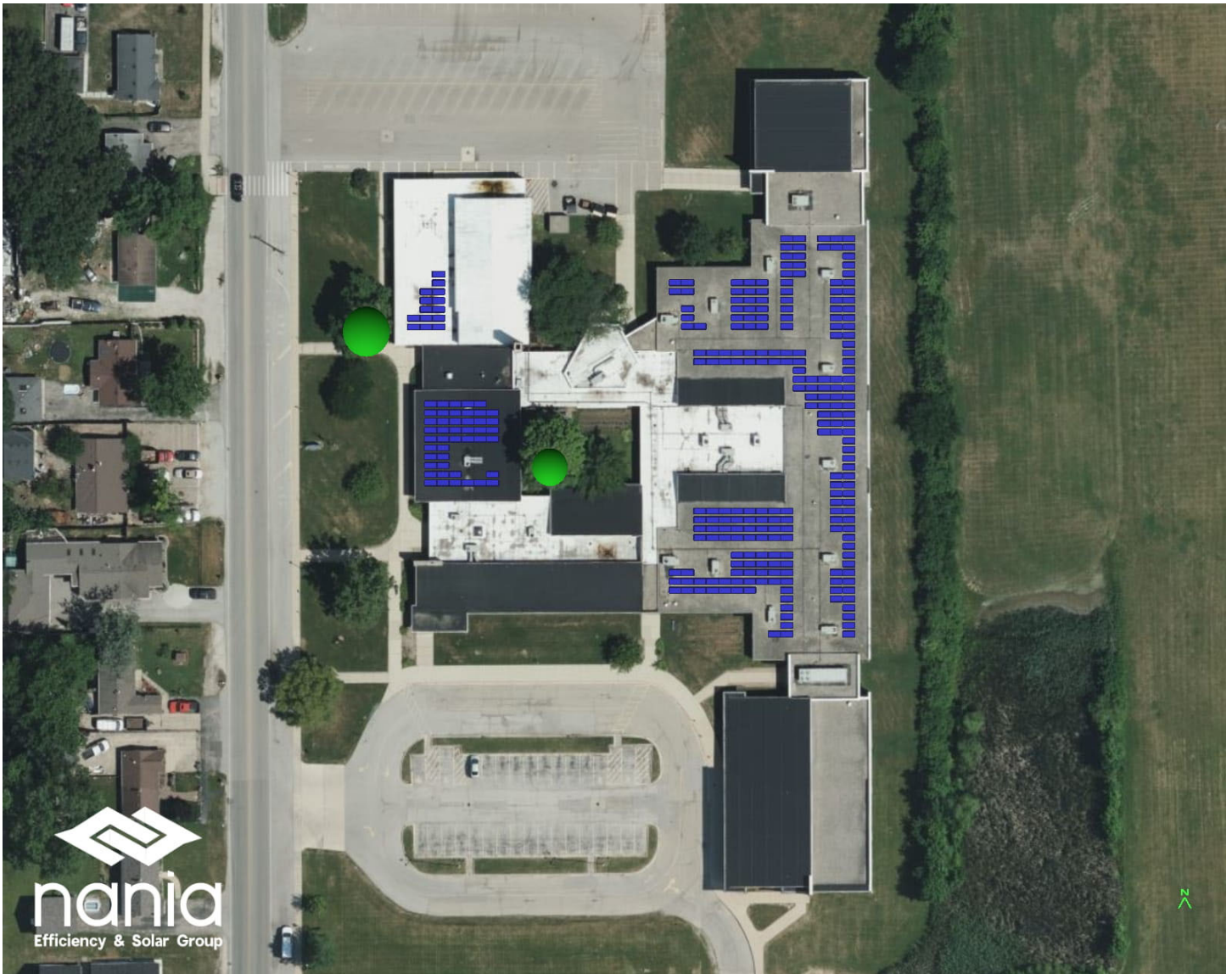


Technical Feasibility Report



nania
Efficiency & Solar Group



Prepared By:

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

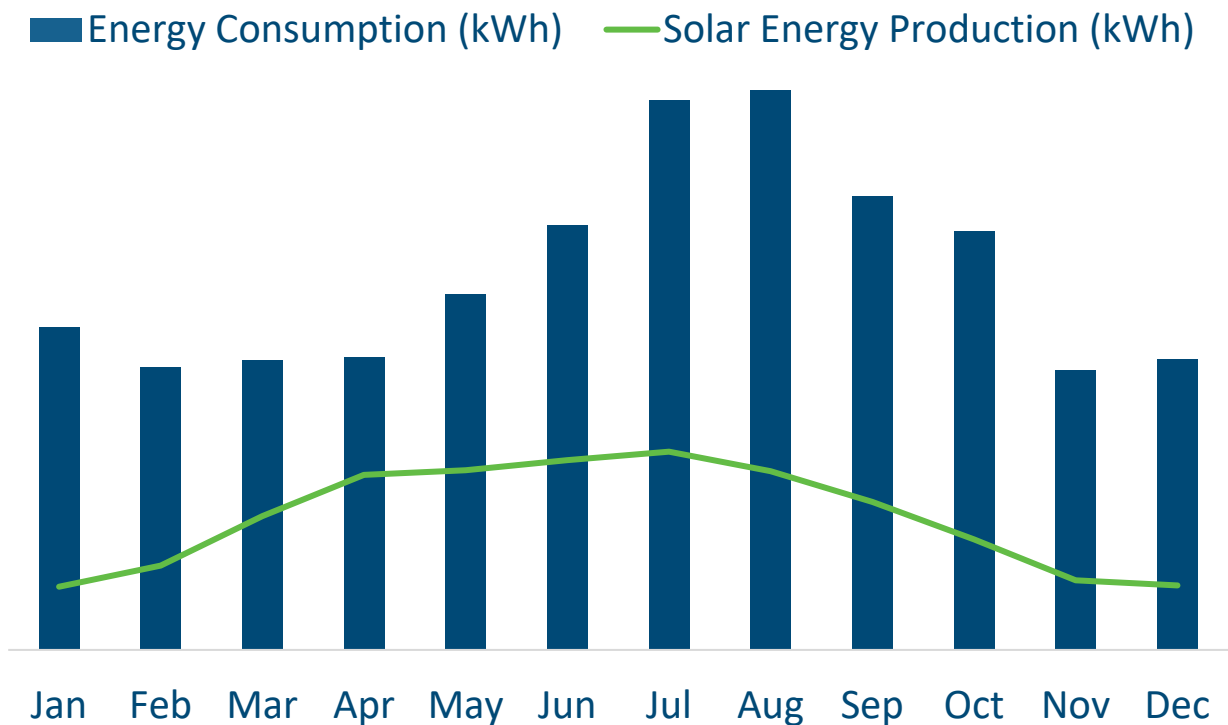
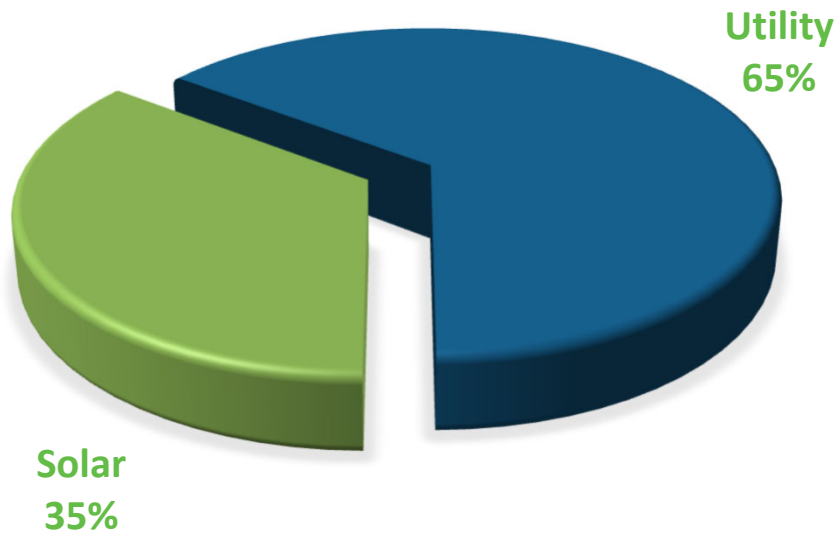
Site Location:

Allen Elementary School
East Aurora SD 131
700 S 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



166 kW
System Size

281
Solar Panels

219,900 kWh
Year 1 Production

Offset 35%
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: \$427,000

System Life: 25 years

Payback Period: 4.2 years

Lifetime Savings: \$676,000

Yr	Project Budget	Total Rebates	State Grants	Federal Tax Credit	Depreciation	Energy Savings	O&M Expense	Annual Cash Flow	Total Cash Flow
1	(\$427,000)	\$41,000	\$30,000	\$154,000		\$25,000	(\$1,000)	(\$178,000)	(\$178,000)
2			\$30,000			\$25,000	(\$1,000)	\$54,000	(\$124,000)
3			\$30,000			\$26,000	(\$1,000)	\$55,000	(\$69,000)
4			\$30,000			\$26,000	(\$1,000)	\$55,000	(\$14,000)
5			\$30,000			\$26,000	(\$1,000)	\$55,000	\$41,000
6			\$29,000			\$27,000	(\$1,000)	\$55,000	\$96,000
7			\$29,000			\$27,000	(\$1,000)	\$55,000	\$151,000
8						\$28,000	(\$1,000)	\$27,000	\$178,000
9						\$28,000	(\$1,000)	\$27,000	\$205,000
10						\$28,000	(\$1,000)	\$27,000	\$232,000
11						\$29,000	(\$5,000)	\$24,000	\$256,000
12						\$29,000	(\$5,000)	\$24,000	\$280,000
13						\$30,000	(\$5,000)	\$25,000	\$305,000
14						\$30,000	(\$5,000)	\$25,000	\$330,000
15						\$31,000	(\$5,000)	\$26,000	\$356,000
16						\$31,000	(\$1,000)	\$30,000	\$386,000
17						\$31,000	(\$1,000)	\$30,000	\$416,000
18						\$32,000	(\$1,000)	\$31,000	\$447,000
19						\$32,000	(\$1,000)	\$31,000	\$478,000
20						\$33,000	(\$1,000)	\$32,000	\$510,000
21						\$33,000	(\$1,000)	\$32,000	\$542,000
22						\$34,000	(\$1,000)	\$33,000	\$575,000
23						\$34,000	(\$1,000)	\$33,000	\$608,000
24						\$35,000	(\$1,000)	\$34,000	\$642,000
25						\$35,000	(\$1,000)	\$34,000	\$676,000
Total			\$208,000		\$0	\$745,000	(\$45,000)		\$676,000

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

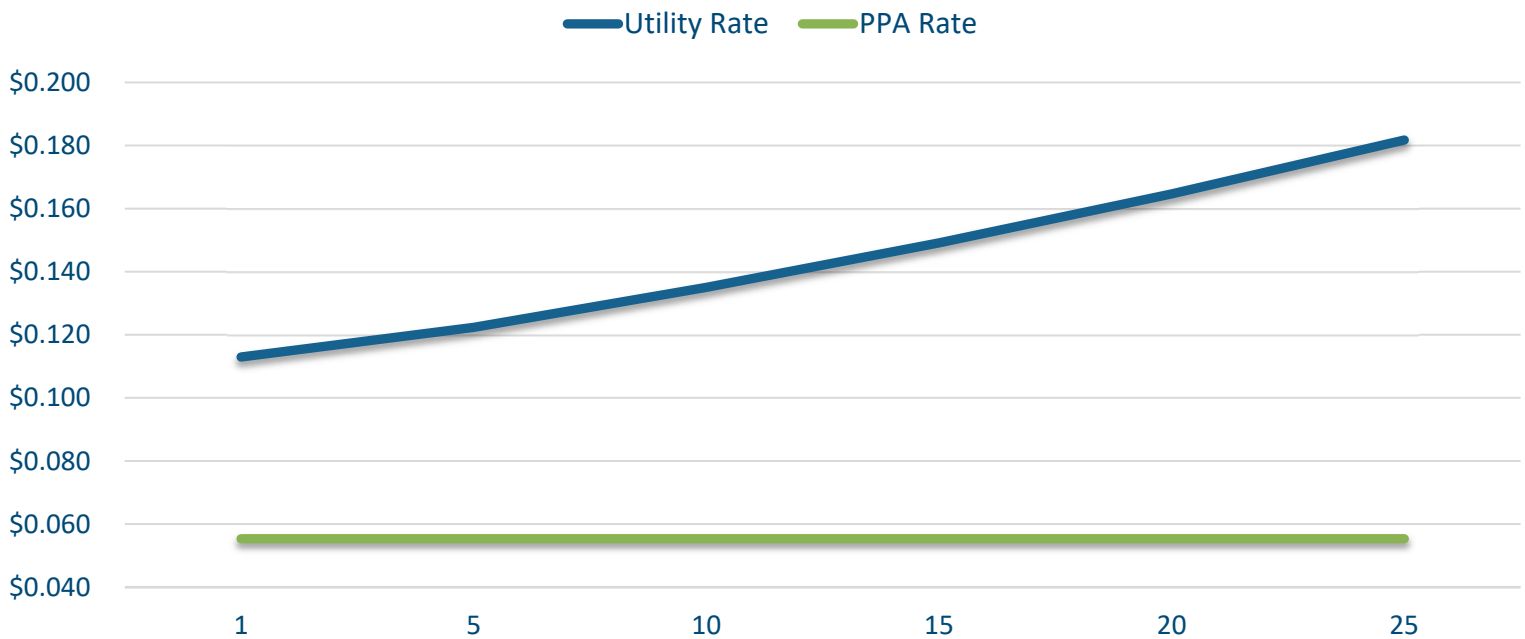
Indicative Pricing

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

Baseline Utility Pricing

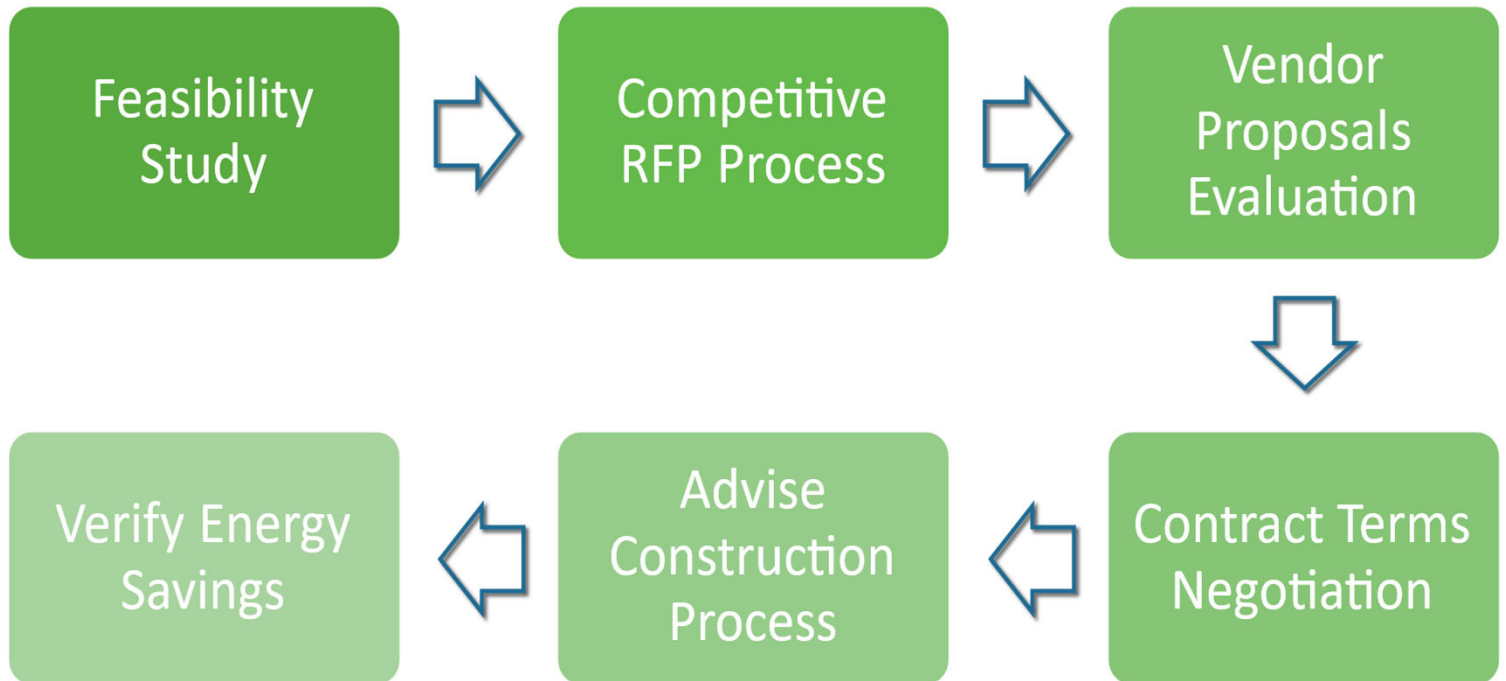
Utility Rate (\$/kWh): \$0.113
Annual Utility Rate Increase: 2.0%

Total Program Savings: \$459,000



281 solar panels installed at no upfront cost

Solar Procurement Process



We Are Your Unbiased Advisors

Contact for more information:

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