



Prepared For:

Wilder-Waite Grade School
10021 N Pacific St
Peoria, IL 61615

Prepared By:

Halo Solar LLC
(309) 740-7861
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80kW Roof Mount with O&M

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Solar PV System Details

System Size & Generation:

95.6 kW-DC

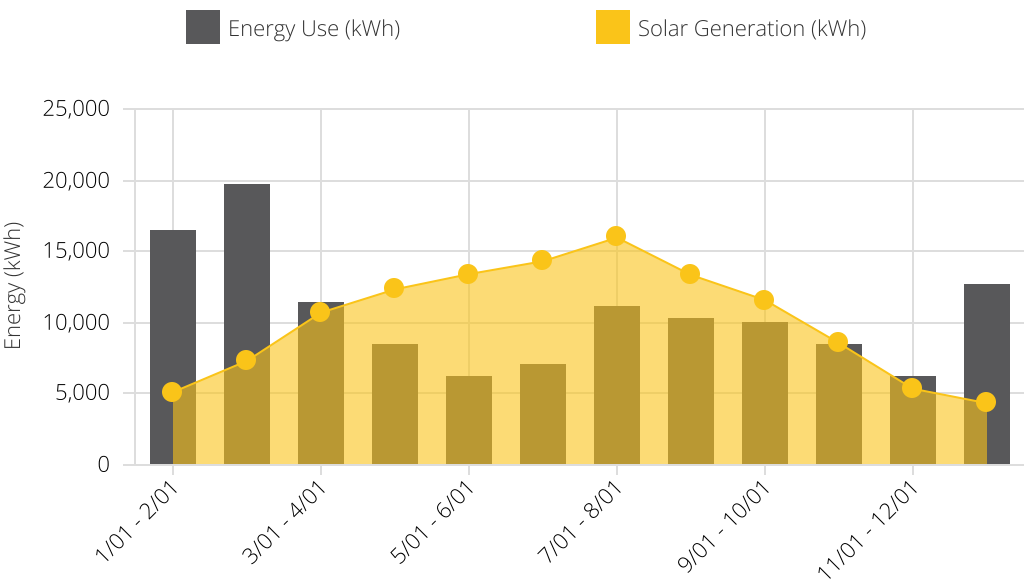
System Size (DC)

80.0 kW-AC

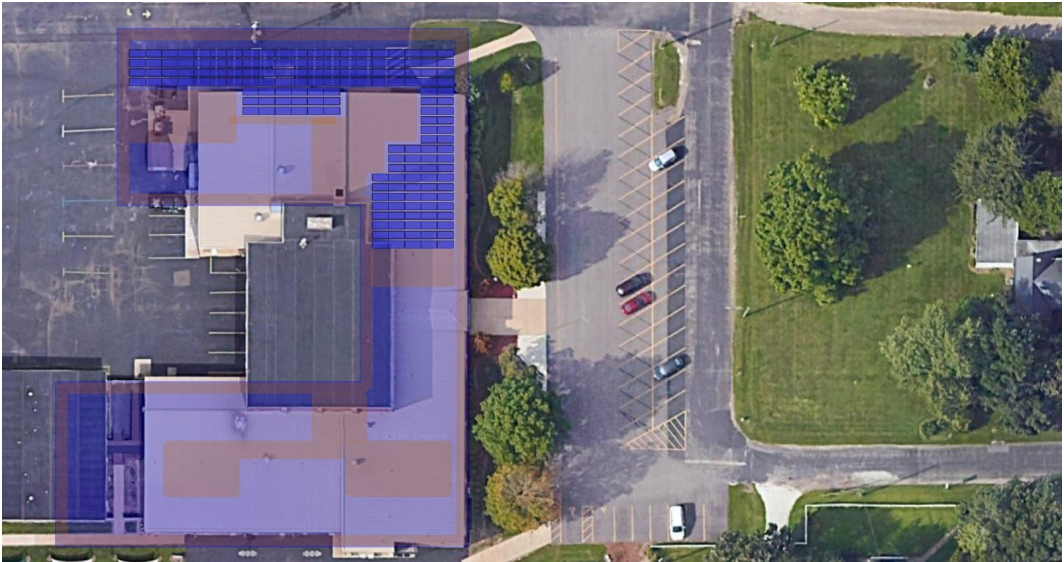
System Size (AC)

122,327 kWh

1st Year Generation



Solar System Layout:



Equipment:

(162) Heliene 156HC M10 SL 590 (2025)	Solar panels
(2) SolarEdge SE40KUS (USE-SIN-USR0IBNS6) - Domestic Content	Inverter(s)

Initial Investment & Incentives:

Solar PV System Cost	\$332,660
Direct Pay ITC	-\$133,064
SREC Incentive Value	-\$107,881
Smart Inverter Rebate	-\$28,674

Net Solar PV System Cost \$63,041

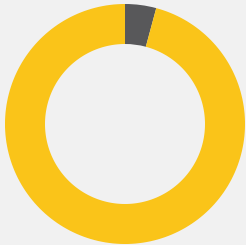
Your Future Utility, With Solar

Utility Details			Savings Details		
Utility Company	Post-solar Rate Schedule	Annual usage	Total Savings	Total Solar Production	Avg blended savings
Ameren-IL	DS-2 Zone II (Constellation) - Wilder-Waite School (6/9/2026)	127,680 kWh	\$14,498	122,327 kWh	\$0.119 /kWh

Monthly Utility Bills, Post-Solar

Time Periods	Energy Use (kWh)	Charges			
Bill Ranges & Seasons	Total	Other	NBC	Energy	Total
1/1/2026 - 2/1/2026 W	11,346	\$40	\$0	\$1,632	\$1,672
2/1/2026 - 3/1/2026 W	12,342	\$40	\$0	\$1,792	\$1,833
3/1/2026 - 4/1/2026 W	722	\$40	\$0	\$341	\$381
4/1/2026 - 5/1/2026 W	-3,936	\$40	\$0	\$235	\$194
5/1/2026 - 6/1/2026 W	-7,190	\$40	\$0	\$603	\$563
6/1/2025 - 7/1/2025 S	-7,255	\$40	\$0	\$524	\$484
7/1/2025 - 8/1/2025 S	-4,879	\$40	\$0	\$135	\$95
8/1/2025 - 9/1/2025 S	-3,098	\$40	\$0	\$92	\$132
9/1/2025 - 10/1/2025 S	-1,666	\$40	\$0	\$246	\$286
10/1/2025 - 11/1/2025 W	-156	\$40	\$0	\$189	\$229
11/1/2025 - 12/1/2025 W	863	\$40	\$0	\$258	\$299
12/1/2025 - 1/1/2026 W	8,260	\$40	\$0	\$1,214	\$1,254
Total	5,353	\$484	-	\$5,763	\$6,248

Solar Production Offset %:



Utility	5,353 kWh (4.19%)
Solar PV	122,327 kWh (95.81%)

Avoided Cost calculation:

Pre-solar utility bill: \$20,746

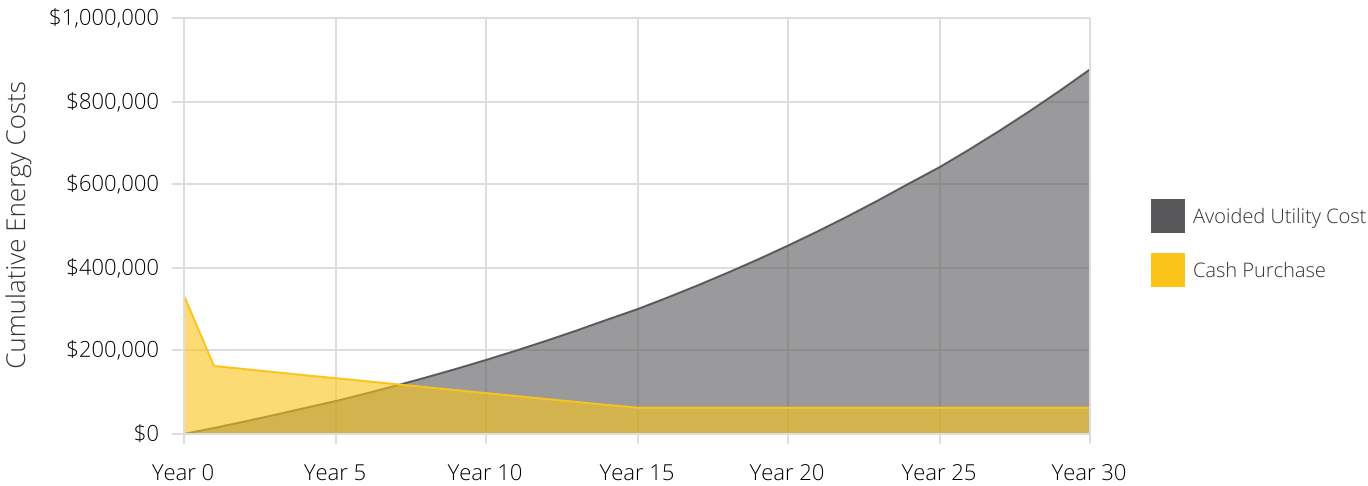
Post-solar utility bill: \$6,248

Savings: \$14,498

Financing Summary

Payment Options	Cash Purchase
IRR - Term	13.7%
LCOE PV Generation	\$0.019 /kWh
Payback Period	7.1 Years
Total Payments	\$332,660
Total Incentives	\$269,619
Net Payments	\$63,041
Electric Bill Savings - Term	\$876,409
Upfront Payment	\$332,660

Cumulative Energy Costs By Payment Option



Benefits of Payment Options:

Cash Purchase:

- Maximize your savings by owning a secure long-term investment.
- Use federal investment tax credit to reduce your tax liability.
- Increase the market value of your building.

Lease or PPA:

- Receive the benefits of having solar, with little or no money down.
- Avoid the responsibility of maintenance and repairs.
- Do not have tax liability to monetize the federal tax credit.

Loan:

- Numerous low-cost, low interest rate loan programs are available.
- 'Own' an asset that generates significant financial value, unlike other business loans.
- Achieve immediate savings, as you repay the loan over time.

Cash Purchase - Cash Flow Analysis

Years	Solar Investment	Electric Bill Savings	Direct Pay ITC	Smart Inverter Rebate	SREC Incentive Value	PV Generation (kWh)	State Tax Effect	Federal Tax Effect	Total Cash Flow	Cumulative Cash Flow
Upfront	-\$332,660	-	-	-	-	-	-	-	-\$332,660	-\$332,660
1	-	\$14,498	\$133,064	\$28,674	\$7,425	122,327	-	-	\$183,661	-\$148,999
2	-	\$15,147	-	-	\$7,363	121,715	-	-	\$22,510	-\$126,489
3	-	\$15,825	-	-	\$7,363	121,104	-	-	\$23,188	-\$103,301
4	-	\$16,532	-	-	\$7,300	120,492	-	-	\$23,832	-\$79,469
5	-	\$17,270	-	-	\$7,300	119,880	-	-	\$24,570	-\$54,899
6	-	\$18,041	-	-	\$7,238	119,269	-	-	\$25,279	-\$29,620
7	-	\$18,846	-	-	\$7,238	118,657	-	-	\$26,084	-\$3,535
8	-	\$19,687	-	-	\$7,175	118,046	-	-	\$26,862	\$23,326
9	-	\$20,564	-	-	\$7,175	117,434	-	-	\$27,739	\$51,065
10	-	\$21,479	-	-	\$7,113	116,822	-	-	\$28,592	\$79,657
11	-	\$22,435	-	-	\$7,113	116,211	-	-	\$29,548	\$109,206
12	-	\$23,433	-	-	\$7,051	115,599	-	-	\$30,484	\$139,690
13	-	\$24,475	-	-	\$7,051	114,987	-	-	\$31,526	\$171,216
14	-	\$25,562	-	-	\$6,988	114,376	-	-	\$32,550	\$203,765
15	-	\$26,696	-	-	\$6,988	113,764	-	-	\$33,684	\$237,449
16	-	\$27,880	-	-	-	113,152	-	-	\$27,880	\$265,330
17	-	\$29,116	-	-	-	112,541	-	-	\$29,116	\$294,446
18	-	\$30,406	-	-	-	111,929	-	-	\$30,406	\$324,852
19	-	\$31,752	-	-	-	111,318	-	-	\$31,752	\$356,603
20	-	\$33,156	-	-	-	110,706	-	-	\$33,156	\$389,759
21	-	\$34,621	-	-	-	110,094	-	-	\$34,621	\$424,381
22	-	\$36,151	-	-	-	109,483	-	-	\$36,151	\$460,531
23	-	\$37,746	-	-	-	108,871	-	-	\$37,746	\$498,277
24	-	\$39,411	-	-	-	108,259	-	-	\$39,411	\$537,688
25	-	\$41,147	-	-	-	107,648	-	-	\$41,147	\$578,835
26	-	\$42,959	-	-	-	107,036	-	-	\$42,959	\$621,795
27	-	\$44,850	-	-	-	106,424	-	-	\$44,850	\$666,644
28	-	\$46,821	-	-	-	105,813	-	-	\$46,821	\$713,466
29	-	\$48,878	-	-	-	105,201	-	-	\$48,878	\$762,344
30	-	\$51,024	-	-	-	104,590	-	-	\$51,024	\$813,368
Totals:	-\$332,660	\$876,409	\$133,064	\$28,674	\$107,881	3,403,748	-	-	\$813,368	-

Financial Metrics

Payback: 7.1 Years

ROI: 244.5%

IRR: 13.7%

Assumptions

Utility Escalator: 5.0%

Federal tax rate: 0.0%

State tax rate: 0.0%

Model Type: After Tax



Contract Proposal

80kW Roof Mount with O&M

Date: 7/2/2026

To: Dunlap CUSD #323
10021 N Pacific St
Peoria, IL 61615

We propose to furnish all material, perform all labor necessary, and apply for all applications for the solar project described above excluding any listed alternates for the sum of:

\$332,660.00

SCOPE:

Per site survey and requirements, install a **90.58kW-DC/80.00kW-AC solar Roof Mount system with an estimated first year production of 122,327 kWh**

- **Engineering, design, and permitting**
- **Installation of all racking, PV modules, and micro inverters**
- **Electrical installation & Interconnection**
- **Filing for Solar Renewable Energy Credits (SREC'S)**
- **Illinois interconnect agreement**

Warranties:

- **1 year workmanship warranty**
- **(162) Heliene 156HC M10 SL 590 (2025) 25 year manufacturing warranty**
- **(162) Heliene 156HC M10 SL 590 (2025) 15 year power production warranty**
- **0.50% Annual Degradation**
- **(2) SolarEdge SE40KUS (USE-SIN-USR0IBNS6) - Domestic Content 20 year inverter warranty**

Per the following qualifications

- 1) Sales tax is included
- 2) All work to be performed during normal business hours unless otherwise stated.
- 3) This proposal does not include any landscape repair or cutting/patching of concrete/asphalt.
- 4) Unless specifically stated otherwise in this proposal, the scope of work covered by this proposal is limited to that work specifically covered by the electrical drawings and the electrical section of the specifications.
- 5) As the purchaser and owner of a solar photovoltaic system, you may qualify for certain federal, state, local or other rebates, tax credits or incentives (collectively, "Incentives"). If you have any questions as to whether and when you qualify for any Incentives and the amount of such Incentives, please consult and discuss with your personal tax or financial advisor. Halo Solar LLC makes no representation, warranty or guaranty as to the availability or amount of such incentives and will not be held liable for the lack of any incentive receipt.





- 6) Contract is based on the building or ground mount passing all engineering requirements. If the structure does not pass engineering, a change order will be issued based on any additional costs associated with the alterations required by engineering.
- 7) When the System is installed, Halo Solar LLC will provide you with a guide for the System. This guide provides you with System operation instructions, answers to frequently asked questions, troubleshooting tips and service information.
- 8) Contract is based on the project passing Interconnection review with the utility company. If the project does not pass review, and the utility company requires any type of upgrades, a change order will be issued for any additional costs associated with the alterations required by the utility.
- 9) Allow Halo Solar to take pictures of all aspects of the completed system for applicable applications, incentives, company records, and marketing. Halo solar will also give these pictures to the customer as proof for their insurance company showing the conditions of the completed project.
- 10) If a purchase order for the solar materials is not placed within 7 days of the contract date, the contract price is subject to change depending on market price fluctuations in materials.

Customer agrees to

- 1) Only have the System repaired pursuant to any warranties, if applicable, and reasonably cooperate when repairs are being made.
- 2) Keep trees, bushes and hedges trimmed so that the System receives as much sunlight as it did when HALO SOLAR LLC installed it.
- 3) Not remove any markings or identification tags on the System.
- 4) Permit HALO SOLAR LLC, its designees, or its financing parties, after we give you reasonable notice, to inspect the System for proper operation as we reasonably determine necessary.
- 5) Not do anything, permit or allow to exist any condition or circumstance that would cause the System not to operate as intended at the Property.
- 6) Have someone who has an ownership interest and requisite authority in your Home sign this Contract.
- 7) Return any documents we send you for signature (like incentive claim forms) within seven (7) days of receiving them.
- 8) Maintain and make available, at your cost, a functioning indoor Internet connection with one available wired Ethernet port and standard AC power outlet within eighty (80) feet of the System's AC/DC inverter(s). See warranty, if applicable for further details.
- 9) Allow Halo Solar to take pictures of all aspects of the completed system for applicable applications, incentives, company records, and marketing. Halo solar will also give these pictures to the customer as proof for their insurance company showing the conditions of the completed project.

Terms and Conditions

- 1) **20%** down payment due at signing, remaining amount will be invoiced for the work completed every 30 days.
- 2) Upon signing and dating of the contract, the client or Halo Solar may terminate the contract for any reason over a 3-day period.





- 3) Solar panels may be altered based on availability at time of installation. Client will be made aware of any alterations to system size or design based on availability. The client may request different brand panels at an equal or lesser value depending on availability. Total D.C. power of the solar panels may fluctuate up to 5% of original system size presented on this contract.
- 4) The client is responsible for any maintenance that falls outside of the above listed warranties.
- 5) The title and mechanic's lien waiver will be transfer to the homeowner after final payment has been received.
- 6) Payments shall be made every thirty days based on work completed.
- 7) Service and Finance Charges are applicable on past due accounts at the rate of 1 ½ percent per month on amounts thirty (30) days past due, which is equal to an annual percentage rate of 18 percent. Such charges are shown as "service charge". There is no service charge if accounts are paid within thirty days of the end of the month in which purchases are made.
- 8) Any alteration or deviation from the above specifications involving extra cost of material and/or labor will only be executed upon written orders for same and will become an extra charge over the sum mentioned in this contract. All agreements must be made in writing.
- 9) The contractor agrees to carry Workman's Compensation and Public Liability Insurance, also to pay all Sales Taxes, Old Age Benefit and Unemployment Compensation Taxes upon the material and labor furnished under this contract, as required by the United States Government and the State in which this work is performed.
- 10) All workmanship and materials are to comply with the requirements of the National Electrical Code and the applicable local ordinances and the electrical plans and specifications specifically applicable to the job.
- 11) It is hereby mutually agreed that the general contractor shall not be held responsible or liable for any loss, damage or delay caused by fire, strikes, civil or military authority or any other cause beyond his control.
- 12) The contractor shall not be liable for any charges for liquidated damages resulting from delay in completion of the work caused by factors beyond his control.
- 13) If the customer disposes of the real estate by sale or otherwise, the full amount remaining unpaid on this contract becomes due at once and payable within 48 hours after date of such disposal.
- 14) In case of default, reasonable attorney's fees and/or other collection costs incurred by the other party will be paid by the defaulting party in addition to other amounts due.
- 15) If a dispute arises under this agreement, the parties shall first attempt to resolve the dispute by providing written notice to the opposing party. If the parties do not come to a resolution of the dispute within thirty (30) days following such notice, either party may pursue any available remedies under local, state, or federal law.
- 16) Halo Solar LLC is not liable for any physical or monetary damage caused by any additional or unrelated work completed outside of the scope of work described within this contract.
- 17) This agreement shall be governed by and construed in accordance with the laws of the State of Illinois and applicable federal laws.





18) NOTICE: THIS PROPOSAL IS CONTINGENT ON A LACK OF FUTURE IMPACT BY THE CURRENT HEALTH CRISIS, FUTURE PANDEMICS AND FURTHER SHUTDOWNS. Halo Solar LLC will use its best efforts to staff and supply this project to be able to meet the scheduled completion date. In doing so, it has based its proposal on compliance with the present local, state and federal guidelines (the "Guidelines"). However, Halo Solar LLC reserves its right to seek an excusable extension of time if Halo Solar LLC or its subcontractors and suppliers are unable to maintain planned crew sizes due to future illness, supply shortages or additional governmental restraints on business, travel and/or assembly. To the extent that the project is suspended after commencement of the Work, we intend to seek additional costs associated with the suspension pursuant to the terms of the proposed Halo Solar LLC. Further, while Halo Solar LLC has included the presently required personal protection equipment ("PPE") as well as hand washing stations, systems for temperature monitoring and the like in its proposal, to the extent that the Guidelines later require additional PPE or other safety protocols, we reserve our right to seek any associated additional costs.

Respectfully Submitted,

Wesley E. Ernst

Note: This proposal may be withdrawn by Halo Solar LLC if not signed and received within 7 days of proposed date.

Acceptance: You are hereby authorized to furnish all materials and labor required to complete the work mentioned in the above proposal, for which the undersigned agrees to pay the amount mentioned in said proposal, and according to the terms thereof. I also agree to pay all reasonable costs, charges and attorney's fees that may accrue hereon after any default in payments.

Customer

Signed: _____ **Title:** _____ **Date:** _____

Approved Vendor

Signed: _____ **Title:** _____ **Date:** _____

