NOKOMIS TOWNSHIP LIBRARY DISTRICT BOARD OF TRUSTEES
Jake Leonard, President *Jenny Farmer, Vice President*

MEETING AGENDA – APRIL 13, 2026

APRIL 2026 REGULAR MEETING
NOKOMIS PUBLIC LIBRARY – ARCHIVE ROOM

Call To Order / Roll Call

Requests to Amend Agenda *

Public Comments
Board Correspondence

Approval of Consent Agenda
Meeting Minutes – March 2026
Treasurer's Report

Library Director's Report

Old Business
EBSCO solar grant
Nokomis Homecoming fundraiser

New Business
IT services proposals
- *Mike Nelms & Brad Blatter, Lazerware (2 proposals)*

Solar project proposals
- *David Knight, Illinois Solar Services (2 proposals)*
- *Kerry Courtney, Route 66 Solar (2 proposals)*

Solar project proposals (cont'd)
- *Eric Straeter, Solar Energy Solutions*
- *TBD, StraightUp Solar*

Other Business Per Amended Agenda

Closed Session:
Nothing required this month

Final Notices
Next Meeting:
May 11, 2026, 6 p.m.

Adjournment

EXECUTIVE COMMITTEE

President:	**Vice President:**	**Secretary:**	**Treasurer:**
Jake Leonard	Jenny Farmer	Margie Eisenbarth	Gina Brown

TRUSTEES:
Judy Rupert (two vacancies)

LIBRARY DIRECTOR:
Lisa Casterline

***** *All approved amended agenda items will be considered in* ***New Business*** *per Open Meetings Act as well as parliamentary procedure established in Robert's Rules of Order.*

NOKOMIS TOWNSHIP LIBRARY DISTRICT BOARD OF TRUSTEES

Jake Leonard, President *Jenny Farmer, Vice President*

MEETING AGENDA – APRIL 13, 2026

APRIL 2026 REGULAR MEETING

NOKOMIS PUBLIC LIBRARY – ARCHIVE ROOM

CALL TO ORDER / ROLL CALL	REQUESTS TO AMEND AGENDA *	APPROVAL OF CONSENT AGENDA
PUBLIC COMMENTS		**BOARD CORRESPONDENCE**
CONSENT AGENDA – APRIL 2026		
MEETING MINUTES – MARCH 2026		**TREASURER'S REPORT**
Approval by voice vote		*Approval by voice vote*
LIBRARY DIRECTOR'S REPORT		

EXECUTIVE COMMITTEE

President:	**Vice President:**	**Secretary:**	**Treasurer:**
Jake Leonard	Jenny Farmer	Margie Eisenbarth	Gina Brown

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NOKOMIS TOWNSHIP LIBRARY DISTRICT BOARD OF TRUSTEES

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OLD BUSINESS			
1	**EBSCO solar grant**	**IN PROGRESS**	*Due April 30, 2026*
Grant application in process. Application is currently delayed due to hangup which requires choosing the most effective proposal. RFQs/RFPs received from: Illinois Solar Services, Route 66 Solar, Solar Energy Solutions			
2	**Nokomis Homecoming fundraiser**	**ONGOING**	
We discussed some options to consider raising funds for the library at the Nokomis Homecoming this year. Our intentions were expressed to Ed Chausse, only to discover that he and two other representatives from FNB Nokomis had left the Association. I did attempt to email the last known email address linked to the Homecoming Association, but I will attempt to communicate with Jennifer Huelson or any remaining member of the Association. The 2026 edition of the Nokomis Homecoming, unless something changes, is July 10-12. **Ideas discussed**: Chuck-A-Duck, selling watermelon slices			

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NOKOMIS TOWNSHIP LIBRARY DISTRICT BOARD OF TRUSTEES

Jake Leonard, President *Jenny Farmer, Vice President*

NEW BUSINESS		
1	**IT services proposal**	*Mike Nelms, Brad Blatter (Lazerware)*

Two proposals offered (attached):

PC & Support Plan with Circulation PC Replacement + Network Plan

Initial one-time cost: $4,073.11

Tier I Support: $5,496.00 per annum, or $458.00 per month

Year 1 Cost: $8,486.51 ($9,569.11 including Network Plan)

Recurring Costs: Costs will just be for Tier I Support, unless we request additional services

PC & Support Plan with Circulation & Patron PC Replacement + Network Plan

Initial one-time cost: $7,564.84

Tier I Support: $5,297.28 per annum, or $441.44 per month

Year 1 Cost: $11,779.52 ($12,862.12 including Network Plan)

Recurring Costs: Costs will just be for Tier I Support, unless we request additional services

Network Plan

Ubiquiti firewall package including equipment, Wi-Fi access point with dedicated Patron Network, forced terms agreement, battery/UPS backup, VPN as needed. Includes labor for setup/installation.

$1,082.60

Already included in initial one-time costs and Year 1 costs for both proposals

EXECUTIVE COMMITTEE

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TRUSTEES:
Judy Rupert (two vacancies)

LIBRARY DIRECTOR:
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NOKOMIS TOWNSHIP LIBRARY DISTRICT BOARD OF TRUSTEES

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2	**Solar project proposal**	*Speaker order determined by arrival/notice*

Proposals were solicited for a solar project as a requirement by a grant made available by EBSCO.

Proposals were received from the following:

Illinois Solar Services, Pekin/Washington

Sales Representative: David Knight

Will be calling in during the meeting – will provide number at meeting time

Proposal 1: Installation and setup

Proposal 2: Installation and setup with Franklin battery backup

Route 66 Solar, Springfield

Sales Representative: Kerry Courtney

Proposal 1: Roof installation

Proposal 2: In-ground installation

Solar Energy Solutions, Louisville, KY (Our local office is in Champaign)

Regional Sales Representative: Eric Straeter

StraightUp Solar, Bloomington (proposal was worked on through Southern Illinois office in Marion)

Sales Representative: TBD

3	**OTHER BUSINESS – AS AMENDED / PREVIOUS DISCUSSED WITH NO PRIOR ACTION**

EXECUTIVE COMMITTEE

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Jake Leonard	Jenny Farmer	Margie Eisenbarth	Gina Brown

TRUSTEES:
Judy Rupert (two vacancies)

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NOKOMIS TOWNSHIP LIBRARY DISTRICT BOARD OF TRUSTEES

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PREVIOUS DISCUSSION ITEMS NOT ON AGENDA	
1	**Potential separation from Nokomis Township, transition to district library structure**
A potential separation from the township and transition to a district library would allow us to do more, including working with Nokomis CUSD #22 to staff their currently unstaffed libraries. We would be able to provide more services to students residing within the school district's borders instead of being limited to Nokomis Township only. Separation would also allow us to set our own levies dedicated to our various accounts without having to constantly shuffle money around, as well as establish enough funding to put aside in a Certificate of Deposit (or multiple CDs), one with each bank. We're closely following Stonington Public Library's process as they're seeking separation from Stonington Township. Will reach out to Doyle Public Library on their district library structure.	
CLOSED SESSION	*No agenda items requiring session for March 2026*

FINAL NOTICES	
NEXT MEETING: April 13, 2026	**ADJOURNMENT**

EXECUTIVE COMMITTEE

President:	**Vice President:**	**Secretary:**	**Treasurer:**
Jake Leonard	Jenny Farmer	Margie Eisenbarth	Gina Brown

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Established in 1990

April 7th, 2026
Nokomis Public Library (NOKP)
Lisa Casterline, Library Director

Dear Lisa,
Thank you for your interest in our Library Tier I Partnership. This summary page includes **estimated costs** and information for your consideration.

The Lazerware Difference: 2026 marks our 29th year supporting the Library System. We support more than 90 libraries spanning over 21,000 square miles. We support over 2,000 devices, 1800 of which are computer workstations. You will not find an **OUT OF ORDER** sign on any of them. Our team of specially trained technicians is dedicated to supporting our library family.

PC & Support Plan with CIRC PC Replacement: Tier I Partnership: Standardize assets $1,780.47, plus (1) CIRC PC $1,210.04, plus 1 year of Tier I support $5,496.00 ($458.00/Month), for an estimated 1st year total of **$8,486.51.**

PC & Support Plan with CIRC & PAC PC Replacement: Tier I Partnership: Standardize assets $1,840.47, plus (1) CIRC PC $1,210.04, plus (3) Patron PCs $3,431.73, plus 1 year of Tier I support $5,297.28 ($441.44/Month), for an estimated 1st year total of **$11,779.52.**

Network Plan: New Ubiquiti Firewall Package - **$1,082.60** This includes all equipment, new Wi-Fi Access Point with dedicated Patron Network, Forced Wi-Fi terms agreement page, battery back-up/lightning protection, VPN (remote access if needed). Labor for set-up and installation listed in the next sheet.

Microsoft Office: Microsoft ended support in October for MS Office 2016 and 2019 (Word, Excel, PowerPoint, Outlook, etc.). This doesn't mean the software stops working, it means there are no more updates including security patches for those products. Many computers still have MS Office 2013 whose support ended a while ago. Even though the security risk of using unsupported MS Office is low, it's still a risk to be addressed. For those following a security policy, using supported software is a compliance requirement.

Tier I Partnership coverage includes:

- All Labor: Travel, Troubleshooting, Remote support & control, Program installation & changes, Preventative maintenance & Software updates, Physical changes to computer locations, User changes & email setup, and Printer setup & troubleshooting.
- RRP: Rapid Replacement Program; if we cannot fix the covered equipment, we will replace it immediately.
- Unlike an employee, a tech is always available. 24/7/365 for emergencies & Associates and actions are fully insured
- Advanced Web ticketing system to submit and monitor work requests and
- Discounted hardware, WordPress development, & Hosting.
- Consulting services regarding Cybersecurity, Internet Service Providers, and Telephone systems.
- Financial life cycle planning to help with annual budgets and long-term technology plans.
- Architectural and electrical plan review & Audio-visual design.
- Assistance with grants related to technology projects including E-rate.

Standardization project includes:

Install new PCs & move other Workstations, add Deep Freeze software (PACs), OpenDNS, security software and Antivirus.

Project **DOES NOT** include:

Racking for network equipment and/or extensive Library wiring for access points etc.

The Lazerware Standardization Philosophy:

The program delivers improved efficiency along with system & user compatibility. It minimizes downtime and lowers the overall cost of ownership.

Notes:

- Will need to add MS Office or other for PAC and cost associated.
- Any not covered PC and must live on Patron Network, time and materials charged if we work on them
- Any realized changes or omissions will be presented to the library in a revised estimate

Thank you for the opportunity to become your technology service provider.
Sincerely,

Mike Nelms – Vice President Lazerware Inc.

LAZERWARE, INC.,
2929 GRAVOIS, AVE
ST. LOUIS, 63118
800-235-4448 OR MNELMS@LAZERWAREINC.COM

Invoice #	**Estimate**
Invoice Date:	3/27/2026
PO #	
Terms:	Net 30

SOLD TO:

Nokomis Public Library
Support Plan with CIRC PC Replacement

Technology Standardization Project

Description	*Labor/hour*	*Price/unit*	*Qty*	*Total*
Security Suite of software, 1st security Use license, One time Charge		$ 50.00	3	$ 150.00
Windows 11 Home to Pro Upgrade (estimated, HIGH)		$ 200.00	0	$ -
Backup Drive for Director PC		$ 125.47	1	$ 125.47
				$ -
Hardware/Software Sub-total				**$ 275.47**
Sales Tax for hardware	**Exempt**	**0.000%**		**$ -**

Labor (Special Library Client PC Rate)

Description	*Labor/hour*	*Price/unit*	*Qty*	*Total*
Client PC Labor: PAC 2 or 4 hours to reload initial workstation and 1 for each exact model computer.	$ 78.75		4	$ 315.00
Client PC Labor: Staff/Circ/DIR (MOVE WSVP CIRC 1&2 to PAC)	$ 78.75		3	$ 236.25
Installation of New Network Flat Rate		$ 350.00	1	$ 350.00
Installation of New PCs Flat Rate		$ 125.00	1	$ 125.00
Client PC Labor: BASIC Security Training	$ 78.75		1	$ 78.75
Travel all visits (travel based on closest tech)	$ 50.00		8	$ 400.00
Estimated Labor Total				$ 1,505.00
Balance Due				$ 1,780.47

LABOR Summary

Client PC Labor: PAC COMPUTERS: *Install 1st security use license, install and configure Microsoft Defender, Deep Freeze.*

Client PC Labor: Staff & Director COMPUTERS: *Install Staff computer, install and configure Microsoft Defender & Huntress.*

Client PC Labor: Basic Security Training: *Basic Staff training on Deep Freeze*

Lazerware, Inc., / Lazerware Computer Services, Inc.,

Nokomis Public Library

Tier I Support Monthly Agreement Proposal

Support Plan with CIRC PC Replacement

Weekday support 8AM - 6PM

Labor				
Description Support	**Quantity**	**Price Per Month**	**Total Per Month**	**Notes**
Includes: all labor for travel, troubleshooting, config changes, Network changes and support, Automate remote control support, & projects.	8	$ 18.67	$ 149.36	
Remote Support Agent	8	$ 3.00	$ 24.00	
Huntress Anti-virus Threat Protection STAFF PCs	5	$4.00	$ 20.00	
Deep Freeze PAC Protection	3	$ 6.00	$ 18.00	
OpenDNS Web Filtering (required for E-Rate)	9	$ 3.00	$ 27.00	(8) PCs plus wireless AP
Pro-Active Internet Monitoring Optional	0	$ 38.02	$ -	($1.25 per Day)
		Sub-Total	**$ 238.36**	
Hardware				
Non Lazerware Provided Laptops	7	$ 21.52	$ 150.64	Replacement is Lenovo E16 or similar
Non-Lazerware Desktop with Flat Screen Circ/Staff/PAC	0	$ 24.00	$ -	
Lazerware Desktop w/ Flat panel monitor	1	$ 16.00	$ 16.00	
Bar Code Scanner	1	$ 5.07	$ 5.07	
Receipt Printer	1	$ 6.94	$ 6.94	
HP Color LaserJet Pro MFP M479fdw	1	$ 24.66	$ 24.66	Replacement is Kyocera M5526CDW All in one
HP LaserJet Pro MFP M428fdw	1	$ 16.33	$ 16.33	Replacement TBD
Ubiquiti MAX Gateway	1	$ 5.52	$ 5.52	
Ubiquiti Wi-Fi Access Point	1	$ 5.26	$ 5.26	
Eaton 500VA 5Sc UPS with Lightning protection	1	$ 8.77	$ 8.77	Currently no UPS in place
		Sub-Total	**$ 239.19**	
Equipment Under Warranty				
Ubiquiti MAX Gateway	-1	$ 5.52	$ (5.52)	1- Year Warranty
Ubiquiti Wi-Fi Access Point	-1	$ 5.26	$ (5.26)	1-Year Warranty
Eaton 500VA 5Sc UPS with Lightning protection	-1	$ 8.77	$ (8.77)	2-Year Warranty
		Sub-Total	**$ (19.55)**	
		TOTAL	**$ 458.00**	

Signature (Nokomis Public Library)

Date

Signature (Lazerware Computer Services, Inc.,)

Date

LAZERWARE, INC.,
2929 GRAVOIS, AVE
ST. LOUIS, 63118
800-235-4448 OR MNELMS@LAZERWAREINC.COM

Invoice #	**Estimate**
Invoice Date:	4/7/2026
PO #	
Terms:	Net 30

SOLD TO:

Nokomis Public Library

Support Plan with CIRC & PAC PC Replacement

Technology Standardization Project

Description	*Labor/hour*	*Price/unit*	*Qty*	*Total*
Security Suite of software, 1st security Use license, One time Charge		$ 50.00	3	$ 150.00
Windows 11 Home to Pro Upgrade (estimated, HIGH)		$ 200.00	0	$ -
Backup Drive for Director PC		$ 125.47	1	$ 125.47
				$ -
Hardware/Software Sub-total				**$ 275.47**
Sales Tax for hardware	**Exempt**	**0.000%**		**$ -**

Labor (Special Library Client PC Rate)

Description	*Labor/hour*	*Price/unit*	*Qty*	*Total*
Client PC Labor: PAC 2 or 4 hours to reload initial workstation and 1 for each exact model computer.	$ 78.75		0	$ -
Client PC Labor: Staff/Circ/DIR	$ 78.75		3	$ 236.25
Installation of New Network Flat Rate		$ 350.00	1	$ 350.00
Installation of New PCs Flat Rate		$ 500.00	1	$ 500.00
Client PC Labor: BASIC Security Training	$ 78.75		1	$ 78.75
Travel all visits (travel based on closest tech)	$ 50.00		8	$ 400.00
Estimated Labor Total				$ 1,565.00
Balance Due				$ 1,840.47

LABOR Summary

Client PC Labor: PAC COMPUTERS: *Install new PACs, Install 1st security use license, install and configure Microsoft Defender, Deep Freeze.*

Client PC Labor: Staff & Director COMPUTERS: *Install Staff computer, install and configure Microsoft Defender & Huntress.*

Client PC Labor: Basic Security Training: *Basic Staff training on Deep Freeze*

Lazerware, Inc., / Lazerware Computer Services, Inc.,

Nokomis Public Library

Tier I Support Monthly Agreement Proposal

Support Plan with CIRC & PAC PC Replacement

Weekday support 8AM - 6PM

Labor				
Description	**Quantity**	**Price Per Month**	**Total Per Month**	**Notes**
Support				
Includes: all labor for travel, troubleshooting, config changes, Network changes and support, Automate remote control support, & projects.	8	$ 18.67	$ 149.36	
Remote Support Agent	8	$ 3.00	$ 24.00	
Huntress Anti-virus Threat Protection STAFF PCs	5	$4.00	$ 20.00	
Deep Freeze PAC Protection	3	$ 6.00	$ 18.00	
OpenDNS Web Filtering (required for E-Rate)	9	$ 3.00	$ 27.00	(8) PCs plus wireless AP
Pro-Active Internet Monitoring Optional	0	$ 38.02	$ -	($1.25 per Day)
		Sub-Total	**$ 238.36**	
Hardware				
Non Lazerware Provided Laptops	4	$ 21.52	$ 86.08	Replacement is Lenovo E16 or similar
Non-Lazerware Desktop with Flat Screen Circ/Staff/PAC	0	$ 24.00	$ -	
Lazerware Desktop w/ Flat panel monitor	4	$ 16.00	$ 64.00	
Bar Code Scanner	1	$ 5.07	$ 5.07	
Receipt Printer	1	$ 6.94	$ 6.94	
HP Color LaserJet Pro MFP M479fdw	1	$ 24.66	$ 24.66	Replacement is Kyocera M5526CDW All in one
HP LaserJet Pro MFP M428fdw	1	$ 16.33	$ 16.33	Replacement TBD
Ubiquiti MAX Gateway	1	$ 5.52	$ 5.52	
Ubiquiti Wi-Fi Access Point	1	$ 5.26	$ 5.26	
Eaton 500VA 5Sc UPS with Lightning protection	1	$ 8.77	$ 8.77	Currently no UPS in place
		Sub-Total	**$ 222.63**	
Equipment Under Warranty				
Ubiquiti MAX Gateway	-1	$ 5.52	$ (5.52)	1- Year Warranty
Ubiquiti Wi-Fi Access Point	-1	$ 5.26	$ (5.26)	1-Year Warranty
Eaton 500VA 5Sc UPS with Lightning protection	-1	$ 8.77	$ (8.77)	2-Year Warranty
		Sub-Total	**$ (19.55)**	
		TOTAL	**$ 441.44**	

Signature (Nokomis Public Library)

Date

Signature (Lazerware Computer Services, Inc.,)

Date

Bill to: **Nokomis Public Library**
Project: NOKP CIRC Computer Replacement
Date: 3/27/2026
Quote: 167-1
Valid Until: 4/26/2026

Lazerware Inc
2929 Gravois Avenue
St. Louis, MO 63118
Sales Rep: Mike Nelms
800-235-4448

Description	Qty	Unit Price	Subtotal
Acer 24" Wide Screen (23.8 viewable) Flat Panel Monitor with HDMI & VGA inputs. 1920 x 1080 resolution, 4ms, 100hz	1	$155.00	$155.00
Kensington Keyboard for life USB Keyboard	1	$19.67	$19.67
Logitech Basic optical mouse USB MK100	1	$17.50	$17.50
Staff-Uplift ASUS NUC 14th Gen w/u5 DDR5 16Gb Memory 1 TB Solid State Drive Video adapter cable Integrated Video Controller USB Hub with Audio Adapter No Speakers Ethernet and Wifi Networking Windows 11 Pro 64 Bit UPLIFT PROGRAM: REDUCED PRICE AND COMPUTER REMAINS PROTECTED THROUGH THE MONTHLY SUPPORT CONTRACT	1	$999.88	$999.88
Anker 4-Port USB 3.0 Hub, 2 ft Extended Cable	1	$17.99	$17.99

Sub-total $1,210.04

***RRP applies only while service agreement is in good standing.**
Sales tax, if applicable, will be calculated at time of invoicing.

This quotation is valid until the quotation expiry date. All prices quoted are subject to change due to supply. Any questions, comments, or changes, please contact us anytime via phone 800-235-4448, reply to this email, or email sales@lazerwareinc.com. Thank you for choosing us as your technology service provider.

Bill to: **Nokomis Public Library**
Project: NOKP - NUC PAC Workstation Replacement
Date: 4/3/2026
Quote: 5854-1
Valid Until: 5/3/2026

Lazerware Inc
2929 Gravois Avenue
St. Louis, MO 63118
Sales Rep: Mike Nelms
800-235-4448

Description	Qty	Unit Price	Subtotal
Acer 24" Wide Screen (23.8 viewable) Flat Panel Monitor with HDMI & VGA inputs. 1920 x 1080 resolution, 4ms, 100hz	3	$155.00	$465.00
PAC-Uplift ASUS NUC 15th Gen w/u3 Processor 16Gb DDR5 Memory 1 TB Solid State NVMe Drive Premium Keyboard & Mouse Video adapter cable Integrated Video Controller USB Hub with Audio Adapter No Speakers Ethernet & Wi-Fi Networking Windows 11 Pro 64 Bit UPLIFT PROGRAM: PRICE REDUCED AND COMPUTER REMAINS PROTECTED THROUGH THE MONTHLY SUPPORT CONTRACT	3	$2,833.83	$2,833.83
Kensington Quicklock Laptop cable locking system with Master Key system	3	$44.30	$132.90

Sub-total	$3,431.73

***RRP applies only while service agreement is in good standing.**
Sales tax, if applicable, will be calculated at time of invoicing.

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Bill to: **Nokomis Public Library**
Project: NOKP Network Upgrade
Date: 3/27/2026
Quote: 168-1
Valid Until: 4/26/2026

Lazerware Inc
2929 Gravois Avenue
St. Louis, MO 63118
Sales Rep: Mike Nelms
800-235-4448

Description	Qty	Unit Price	Subtotal
Ubiquiti UXG Security Firewall for Tier I Libraries Includes Advanced protection systems,, One year of our exclusive Rapid Replacement Program (*RRP) hardware support DOES NOT INCLUDE CONTENT FILTERING	1	$589.80	$589.80
Ubiquiti (FOR EXTERNAL USE) UniFi AC M1.71 Gbit/s Wireless Access Point - 2.40 GHz, 5 GHz - MIMO Technology - 2 x Network (RJ-45) - Pole-mountable, Wall Mountable, includes POE injector.	1	$246.58	$246.58
Eaton 5SC 500VA Battery backup with Lightning protection (2 year *RRP)	1	$246.22	$246.22

Sub-total $1,082.60

***RRP applies only while service agreement is in good standing.**
Sales tax, if applicable, will be calculated at time of invoicing.

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Prepared by: Eric Straeter
317-650-0171
erics@sesre.com

For: Nokomis Township Public Library
100 N Spruce St, Nokomis, IL, 62075

Quote #: 9356171

Solar Energy System Proposal

Hello Nokomis Township,

Thank you for giving Solar Energy Solutions the opportunity to present you with a proposal. You will find our system recommendation(s) attached in the proposal for your residence. If you have any questions, please reach out to me at erics@sesre.com.

Best,
Eric Straeter

This proposal is valid until Apr 16 2026

Why Choose Solar Energy Solutions?

Solar Energy Solutions (SES) is the most experienced solar design, engineering, and construction company in the Midwest, with locations in Illinois, Indiana, Kentucky, Ohio, Virginia, and surrounding states. SES is also the leading Tesla Powerwall Certified Installer and NABCEP-certified company in the region.

Founded in Kentucky in 2006, SES has over than 2,500 active photovoltaic and battery storage projects in the residential, commercial, and utility arenas throughout the region and beyond.

The Solar Energy Solutions Approach

Think Design: At SES, we skillfully design and engineer systems to meet the needs of each unique project. We have a vision and always plan the best path to get there.

Embrace the Details: At SES, the details matter. And we pay attention to them to ensure success for our customers and 25+ year life of the whole system.

Go The Extra Mile: At SES, we will over-deliver when we can, providing support that goes beyond our customers' expectations to deliver the best long-term solution.

Show Respect: At SES, we treat our customers, and each other, with acceptance, courtesy, and the esteem due to any member of our community.

Always Learning: At SES, we remain informed of and acquainted with the latest technologies and methods of our craft in this new and rapidly growing industry.

Advocacy: At SES, we place our resources, people, and voice behind the continued growth and success of solar power to solidify solar as a long- term solution.

Be Ethical: At SES, we manage our conduct by what is right for people, their investment, the environment, and the profession we love. Profits follow.

Recommended System Option

12.9 kW	15,463 kWh	15,494 kWh	100 %
System Size	Estimated Annual Solar Generation	Annual Electricity Usage	Consumption Offset

Your Solar Energy Solution

Solar Panels

Qcells
12.9 kW Total Module Power
30 x 430 Watt Panels (Q.TRON BLK M-G2.C+ 430 (DOM CON))
15,463 kWh per year

Inverter

Enphase Energy Inc.
9.6 kW Total Inverter Rating
30 x IQ8MC-72-M-US [240V]

Warranties: 25 Year Panel Product Warranty, 25 Year Panel Performance Warranty, 25 Year Inverter Product Warranty

Quotation

***Due to supply chain constraints, SES reserves the right to substitute panels of equal or greater quality from another manufacturer. Inverter sizing is estimated and will be finalized in engineering.*

Payment Option: Price

30 x Qcells 430 Watt Panels (Q.TRON BLK M-G2.C+ 430 (DOM CON)) 30 x IQ8MC-72-M-US [240V] (Enphase Energy Inc.)	
Total System Price	$42,506.00
Purchase Price	**$42,506.00**
Deposit Payable	**$8,501.20**

Additional Incentives

Ameren rebate	$3,870.00
IL Shines SREC incentive	$13,793.01
30% Direct Pay Option Non profit entities now qualify for the Direct Pay option in place of the 30% tax credit.	$12,751.80
Domestic Content Bonus (10 %)	$4,250.60
Total Additional Incentives	**$34,665.41**
Net System Cost	**$7,840.59**

Price excludes Retailer Smart Meter should you want us to install your Smart Meter it will be an additional cost.
This proposal is valid until Apr 16 2026.

Payment Milestones

i. Deposit 20% on or prior to order (the Retainer)	$8,501.20
ii. Delivery of Goods & Installation 50% upon delivery of goods on site and commencement of installation	$21,253.00
iii.System Activation (Power Production) 30% and all balances upon system activation (power production)*	$12,751.80
Total	**$42,506.00**

Please mail deposit check to : Solar Energy Solutions LLC, 1038 Brentwood Court, Suite B, Lexington, KY 40511

I have reviewed and accept the above agreement.

Signature _____

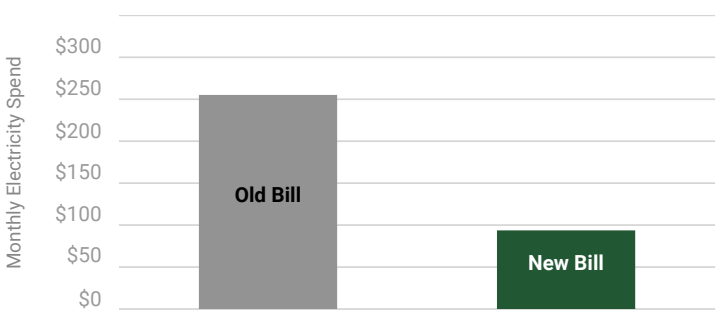
Name _____ Date _____

Payment Details: Offline Payment

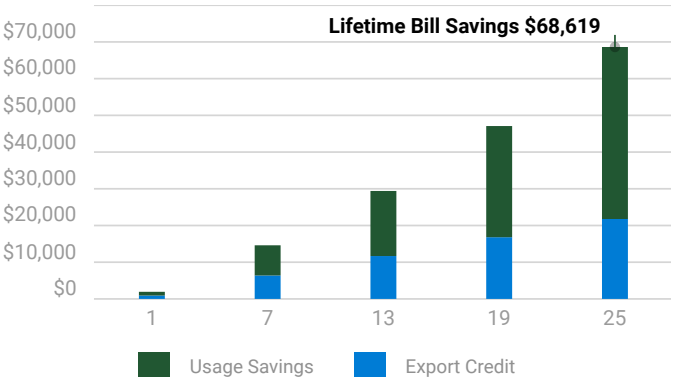
Contact your sales representative regarding payment.

Your Electricity Bill Savings

First Year Monthly Bill Savings



Cumulative Bill Savings



Month	Solar Generation (kWh)	Net Grid Consumption before new system (kWh)	Electricity Imported after new system (kWh)	Electricity Exported after new system (kWh)	Export Credit ($)	Utility Bill before new system ($)	Utility Bill after new system ($)	Cumulative Energy Credit ($)	Estimated Savings ($)
Jan	855	978	711	587	48	156	76	0	80
Feb	1,138	919	608	827	68	150	61	0	89
Mar	1,318	945	604	976	79	153	61	0	92
Apr	1,421	793	464	1,092	87	136	53	0	83
May	1,510	809	439	1,140	93	140	52	0	88
Jun	1,855	1,740	970	1,084	135	398	110	0	288
Jul	1,738	3,146	1,916	508	63	696	209	0	487
Aug	1,539	2,148	1,315	706	88	485	220	0	265
Sep	1,418	1,334	812	896	110	308	96	0	212
Oct	1,110	971	644	783	65	155	63	0	93
Nov	819	755	532	595	49	131	57	0	74
Dec	743	956	706	493	41	154	66	0	88

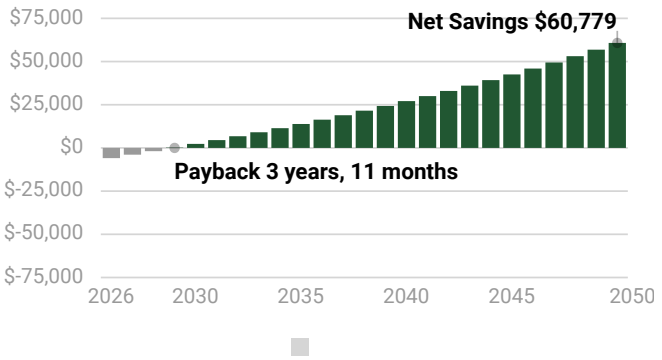
Rate not specified specified, using Small General Service (Secondary) based on location.

Your projected energy cost is calculated by considering a 4.8% increase in energy cost each year due to trends in the rising cost of energy. This estimate is based on your selected preferences, current energy costs, and the position and orientation of your roof to calculate the efficiency of the system. Projections are based on estimated usage of 15494 kWh per year, assuming Small General Service (Secondary) Electricity Tariff. This proposal is valid until Apr 16 2026.

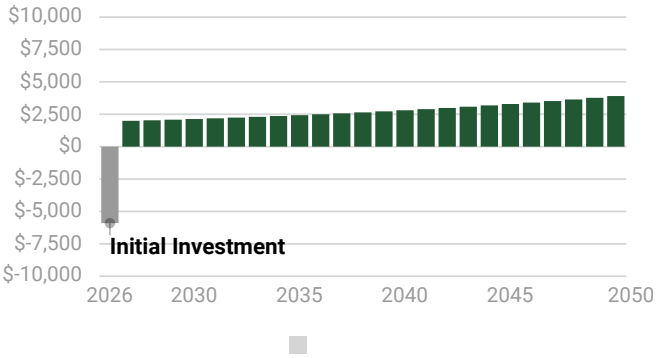
Lifetime Financial Impact Price

$68,619	-	$7,841	=	$60,779
Utility Bill Savings		Net System Cost		Estimated Net Savings

Cumulative Savings From Going Solar



Annual Savings From Going Solar



$28,111	4 Years 5 Months	775%	27.2%
Net Present Value	Discounted Payback Period	Total Return on Investment	Rate of Return on Investment

Year	Electricity Consumption (kWh)	Solar Generation (kWh)	Utility Bill (before new system) ($)	Utility Bill (after new system) ($)	Annual Savings (from new system) ($)	System Costs (Net of Dealer Incentives) ($)	Customer Incentives (Upfront) ($)	Net Savings ($)	Cumulative Impacts ($)
2026	15,494	15,463	3,062	1,124	1,937	42,506	34,665	(5903)	(5903)
2027	15,494	15,412	3,208	1,214	1,994	0	0	1994	(3909)
2028	15,494	15,361	3,362	1,329	2,033	0	0	2033	(1876)
2029	15,494	15,310	3,524	1,442	2,082	0	0	2081	205
2030	15,494	15,259	3,693	1,561	2,132	0	0	2132	2337
2031	15,494	15,208	3,870	1,684	2,186	0	0	2185	4523
2032	15,494	15,157	4,056	1,814	2,242	0	0	2242	6765
2033	15,494	15,106	4,251	1,950	2,301	0	0	2301	9067
2034	15,494	15,055	4,455	2,092	2,363	0	0	2363	11430
2035	15,494	15,004	4,669	2,240	2,428	0	0	2428	13858
2036	15,494	14,953	4,893	2,396	2,497	0	0	2496	16355
2037	15,494	14,902	5,128	2,559	2,569	0	0	2568	18924
2038	15,494	14,851	5,374	2,729	2,644	0	0	2644	21568
2039	15,494	14,800	5,632	2,908	2,724	0	0	2723	24292

Year	Electricity Consumption (kWh)	Solar Generation (kWh)	Utility Bill (before new system) ($)	Utility Bill (after new system) ($)	Annual Savings (from new system) ($)	System Costs (Net of Dealer Incentives) ($)	Customer Incentives (Upfront) ($)	Net Savings ($)	Cumulative Impacts ($)
2040	15,494	14,749	5,902	3,095	2,807	0	0	2807	27099
2041	15,494	14,698	6,185	3,290	2,895	0	0	2894	29994
2042	15,494	14,647	6,482	3,495	2,987	0	0	2986	32981
2043	15,494	14,595	6,793	3,710	3,083	0	0	3083	36064
2044	15,494	14,544	7,119	3,935	3,184	0	0	3184	39248
2045	15,494	14,493	7,461	4,170	3,291	0	0	3290	42539
2046	15,494	14,442	7,819	4,417	3,402	0	0	3402	45941
2047	15,494	14,391	8,195	4,675	3,519	0	0	3519	49460
2048	15,494	14,340	8,588	4,946	3,642	0	0	3641	53102
2049	15,494	14,289	9,000	5,229	3,771	0	0	3770	56873
2050	15,494	14,238	9,432	5,526	3,906	0	0	3905	60778

Estimates do not include replacement costs of equipment not covered by a warranty. Components may need replacement after their warranty period.

Environmental Benefits

Solar has no emissions. It just silently generates pure, clean energy.

Each Year

100% Consumption Offset

6 tons of CO_2 reduced per year

Over System Lifetime

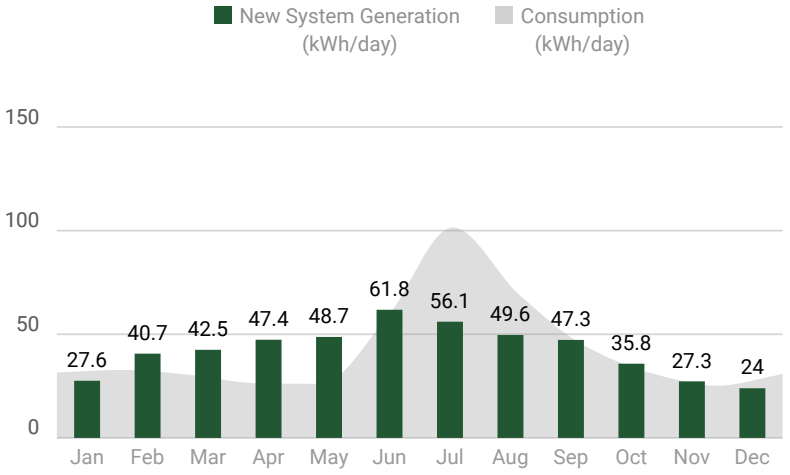
112,817 miles Car distance avoided (lifetime)

1,168 Trees planted

130 Long haul flights avoided

System Performance

100%
Energy From Solar

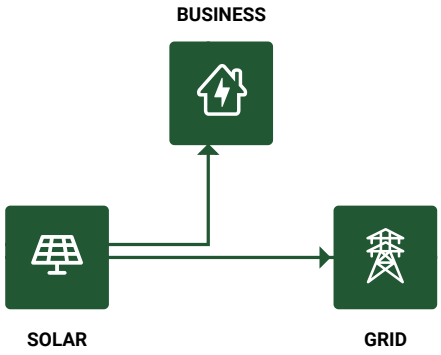


37%	63%
Self Consumption	Export to grid

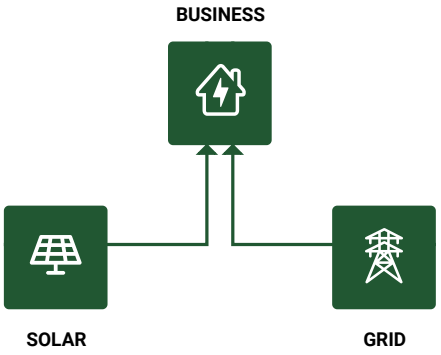
System Performance Assumptions: System Total losses: 17.6%, Inverter losses: 3.0%, Optimizer losses: 0%, Shading losses: 15.0%, Performance Adjustment: 0%, Output Calculator: System Advisor Model 2020.02.29.r2. Panel Orientations: 30 panels with Azimuth 140 and Slope 20.

How Your System Works

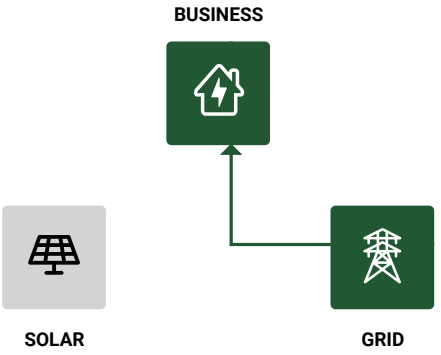
Generating Excess Solar



Partially Offset Usage



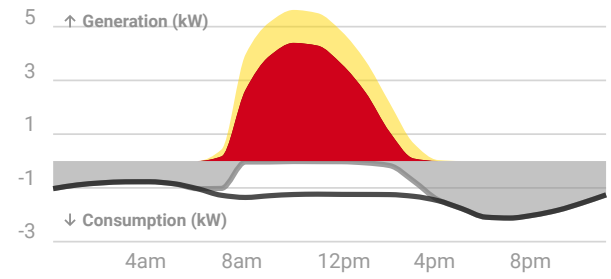
Night



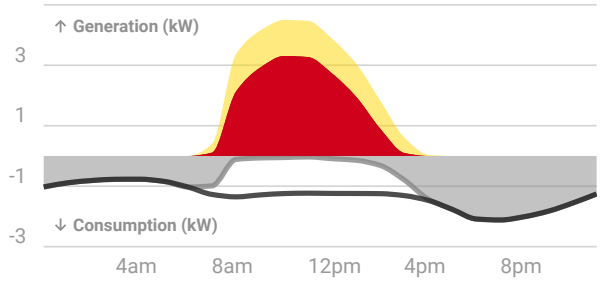
Daily Energy Flows

CONSUMPTION (kWh) GENERATION (kWh) NET CONSUMPTION (kWh) EXPORT TO GRID (kWh)

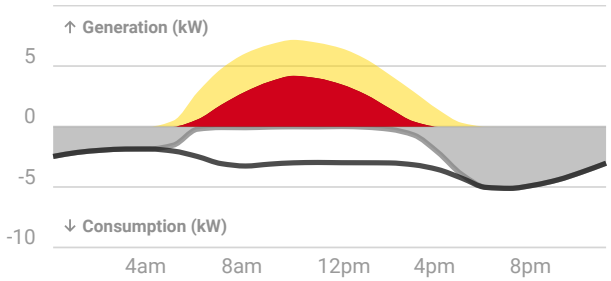
Winter Weekday



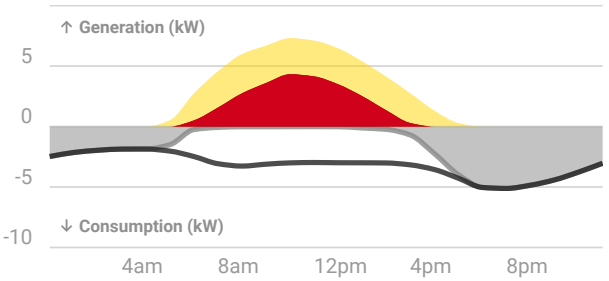
Winter Weekend



Summer Weekday



Summer Weekend



27 kWh of Tesla Powerwall battery storage for a Kentucky home through the Solar Over Louisville program.

7.7 kW residential array with 285 W Trina panels in Cincinnati, Ohio.

TESTIMONIALS

Jack

★★★★★ 1 week ago

I m very pleased with the overall project with Solar Energy Solutions. From the planning stage thru the final day of install, I was very impressed with the continued communication thru-out the project. Every step was well planned and executed by very friendly and professional installers. Eric Straeter was my sales contact with Solar Energy Solutions. Eric is very knowledgeable and very easy to work with ,his experience with solar energy was very impressive and yet could relate to my novice questions and answer them with easy to understand answers. Eric's ability to relate to real time farm experiences helped me to know that Solar Energy Solutions was the right fit for our farm needs.

Eddie

★★★★★ 5 weeks ago

SES was outstanding in evaluating, installing and follow-up on our Solar project. I can't wait for the days to getting longer and the sun get higher so I can see how many Kwh this baby can crank out. Special thanks to Patrick Ferrell for keeping me informed at each step of the operation. I hope this is just a first step for us in embracing clean energy. Thanks to all the folks at SES for making this a great experience. Good to be "Green".

Jane

★★★★★ 25 weeks ago

I recommend Solar Energy Solutions without reservation. During our decision making process, Steve answered all of our questions honestly and openly without ever trying to rush us with a hard sell. His installation team were careful of our property and made sure that our cats were safe every time they came in and out of the house. They were professional and considerate throughout the entire process.

Glenn

★★★★★ 46 weeks ago

Patrick, Caleb, and the crew at SES worked with me over 3 months tweaking out a system that will power my home and charge my car. Once the design was settled, they handled the rest. Now I am my own Exxon, as well as LG&E, and will be for the rest of my life. Want to be green and save money doing it? Buy an EV and call SES. The gasoline and oil changes you will stop buying for life will pay off most of the cost of solar. (Go all electric for your lawn and power equipment too for more savings.) The low electricity bills will do the rest fairly quickly, and lower the total cost of ownership of your EV. If you buy a Tesla, they are your Tesla Solar and Powerwall experts. They can integrate your car, solar and storage all in the Tesla app so that it all works as a whole. My next project with them is getting some Powerwalls so I can weather an outage and time shift energy.

We can't wait to work with you on your project. Select the option you desire, then click accept to move on to sign your contract document and financing if selected.

We're here to help, so please reach out to Eric Straeter at erics@sesre.com or 317-650-0171 if you have any questions.

SOLAR ENERGY INSTALLATION ESTIMATE

FINAL AGREEMENT AFTER ENGINEERING REVIEW

This Solar Energy Installation Agreement ("Agreement") made this Apr 07 2026, ("Effective Date") by and between SOLAR ENERGY SOLUTIONS, LLC, a Kentucky limited liability company, 1038 Brentwood Ct., Suite B, Lexington, KY 40511 (hereinafter called "Contractor") and Nokomis Township Public Library (hereinafter called "Client").

WHEREAS, the Client wishes to employ the Contractor to design a solar system ("Project") for purpose of producing electricity and/or energy storage at 100 N Spruce St, Nokomis, IL, 62075(the "Location").

1. Generalities.

The Contractor shall design the aforementioned system(s) for the Location, hereto specified by the Client asset forth in Attachment A (hereinafter called the "Scope of Services or Scope of Work"). In situations where prevailing natural disasters, acts of God, wars, governmental actions or Client availability causes the design of a solar or energy storage system to be executed remotely, without direct site inspection, the Contractor reserves the right to amend the "Scope of Services" described in Attachment A subsequent to a formal on- site design review. Any such changes will be by equitable adjustment and this Agreement shall be modifiedin writing accordingly pursuant to a written change order signed by both parties

2. Additional Services.

If requested by the Client, the Client and the Contractor will negotiate for additional services in connectionwith this Agreement and will set forth any additional services in writing.

3. Client's Responsibilities.

The Client shall:

a. Continue to promptly provide full information as to the Client's needs and requirements for the Project to Contractor or its designate.

b. Assist the Contractor by placing at its disposal all available information pertinent to the Work to be performed under the "Scope of Services" described in Attachment A.

c. Give prompt written notice to the Contractor whenever the Client observes or otherwise becomes aware of any defect (or significant variance) in the Work or apparent non-conformance of Work performed in accordance with the "Scope of Services" as set forth in Attachment A, or of any change of circumstances.

4. Compensation.

a. The total compensation to be paid to Contractor for the Work is set forth in Attachment A.

b. Contractor shall be paid for the Work upon the following schedule:

Payment Milestone	Amount
i. Deposit *20% on or prior to order (the Retainer)*	$8,501.20
ii. Delivery of Goods & Installation *50% upon delivery of goods on site and commencement of installation*	$21,253.00
iii.System Activation (Power Production) *30% and all balances upon system activation (power production)**	$12,751.80
Total	$42,506.00

*If the system is installed on a new home build, that isn't ready for occupancy, the homeowner may retain 10% of the system price until system activation (producing power), or 3 months from completion, whichever comes first.

iv. Invoices not paid within thirty (30) days of the invoice due date shall be subject to a late fee of three percent (3%) per month of that invoice's amount or the maximum amount allowed by law, computed at 30 days from the date of the invoice. The contractor shall retain title to all equipment installed under the Work and retain its statutory lien rights until paid in full.

5. Time of Completion.

a. The Work to be performed by the Contractor is to be completed as set forth in Attachment A. This completion date, if stated, may be extended in the event of circumstances beyond the control of the Contractor, including, but not limited to, failure by the Client to make timely payments, war, insurrection or Acts of God. In such circumstances, Contractor will provide a new completion date to the Client, in writing, within 30 days of the incident(s) compelling the change of time of completion.

6. Procurement of Licenses and Permits.

The Contractor shall secure all licenses and permits necessary for proper completion of the Work under thisAgreement, paying the fees for such licenses and permits.

7. General Provisions.

a. Standards of Performance.
The standard of care for all services performed or furnished by the Contractor under this Agreement will bethe care and skill ordinarily used by members of the Contractor's profession, practicing under similar circumstances at the same time and in the same locality.

b. Warranty.

i. LIMITATION OF WARRANTIES. There are no understandings, terms, conditions or warranties other than as specifically set forth herein.

A. LIMITED WARRANTY. Contractor warrants that the Work are as described on Attachment A and delivered under this Agreement will conform to its specifications and will be free from defects in materials and workmanship as of the date of delivery for a period of three (3) years in relation to residential projects and one (1) year for commercial installs, but no other express warranty is made with respect to the Work. Contractor hereby passes to Client the original manufacturer's warranty of twenty-five (25) years for the power production on the modules and a minimum ten (10) year original manufacturer's warranty for the inverters. All warranty claims must be notified to Contractor in writing by Client within thirty (30) days of discovery giving rise to such claim. Failure to provide such notice shall void the warranty.

B. DISCLAIMER OF IMPLIED WARRANTIES. CONTRACTOR DISCLAIMS ALL IMPLIED WARRANTIES WITH RESPECT TO THE WORK, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, FREEDOM FROM INFRINGEMENT CLAIMS, AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE WARRANTY SET FORTH HEREIN.

c. Limitation of Liability.

i. LIMITATION OF CLIENT'S REMEDIES. Contractor's sole and exclusive liability hereunder shall be limited to the obligation to repair or replace only those portions of the Work that have been proven to have failed to meet the written specification at the time of delivery and have failed within the time periods set forth above, or allow credit therefor upon mutual agreement of the parties. Contractor's total cumulative liability in any way arising from or pertaining to any Work shall not in any case exceed the compensation paid by Client for such non-conforming Work. CONTRACTOR WILL NOT BE LIABLE TO CLIENT, ITS CUSTOMERS, EMPLOYEES OR AGENTS, UNDER ANY CLAIM OR CIRCUMSTANCES (INCLUDING WITHOUT LIMITATION ANY CIRCUMSTANCE INVOLVING A FINDING THAT A WARRANTY OR REMEDY HAS FAILED OF ITS ESSENTIAL PURPOSE), WHETHER THE CLAIM SOUNDS IN CONTRACT, TORT OR OTHER LEGAL THEORY, FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION DAMAGES FOR LOST PROFITS OR REVENUE, LOST SALES, LOST GOODWILL OR LOSS OF USE OF ANY PRODUCT.

ii. LIMITATION OF LIABILITY FOR FAILURE OR DELAY IN DELIVERY. Delivery dates are approximate and are based on conditions existing at the time of commencement of the Work. In no event shall Contractor be responsible or liable for any damages, including special, indirect, incidental or consequential damages arising from any failure or delay in delivery.

iii. LIMITATION OF POWER PRODUCTION GUA RANTEES. Contractor does not provide a performance guarantee for the amount of power to be produced from the Work as such performance is conditionedupon local meterological conditions, vegetative shading and Client system maintenance and upkeep.

d. Changes.

The Client may, at any time by written notice, make changes to the Work provided; however, that if such changes cause an increase or decrease in the Contractor's expenses, or time required, for performance of any services, whether or not changed by any order, an equitable adjustment shall be made and this Agreement shall be modified in writing accordingly pursuant to a written change order signed by both parties. In the event that the Contractor finds non-visible defects or circumstances which pose a barrier to completion of the installation of the system(s), including but not limited to asbestos, rot and mold (or other environmental conditions), the Contractor will notify the Client of the non-visible defects, so that the parties may negotiate an equitable modification of the terms of this Agreement. In the event the Contractor discovers any non-visible barriers to completion of the installation of the systems, including but not limited to rock preventing ground racking insertion, roof condition, existing code failures and spatial limitations, the Contractor will notify the Client so the parties can negotiate an equitable modification of the terms of this Agreement pursuant to a written change order.

e. Force Majeure

Either Party shall be excused from performance and shall not be in default in respect of any obligation hereunder to the extent that the failure to perform such obligation is due to a Natural Force Majeure Event.Force Majeure events include natural disasters, acts of God, wars, governmental actions, trade sanctions or tariff impositions.

8. Successor and Assigns.

The Client and the Contractor each binds itself and its partners, successors, executors, administrators, and assigns to the other party of this Agreement and to the partners, successors, executors, administrators, and assigns of such other party, in respect of all covenants of this Agreement; except as above, neither Client nor Contractor shall assign, sublet or transfer its interest in this Agreement without prior written consent ofthe other. Client recognizes that acceptance of Attachment A by Contractor constitutes prior written consent. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body which may be a party thereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than Client and Contractor.

9. Dispute Resolution.

a. Claims, disputes or other matter in question between the parties to this Agreement shall be firstsubject to mediation prior to the filing of any arbitration. Mediation is a condition precedent to arbitration. The obligation to mediate is a material and essential provision of this Agreement.

b. Unless otherwise agreed in writing, the Contractor shall carry on the Work and maintain itsprogress during any mediation or arbitration, and the Client shall continue to make payments to the Contractor in accordance with this Agreement.

c. Either party may initiate a mediation proceeding by submitting a request in writing to the otherparty within thirty (30) days after the claim, dispute or other matter in question has arisen.

d. The parties shall endeavor in good faith to mutually agree upon an acceptable mediator. In theevent the parties have not agreed upon a mediator within 30 days of the request for mediation, the Contractor shall select a mediator. Each party is to bear its own fees, costs and expenses, of said mediation.

e. In the event that mediation is unsuccessful, the parties shall submit to binding arbitration. This Agreement shall be governed in all aspects by the laws of the Commonwealth of Kentucky. All disputes, if not settled by mediation, which may arise relating to this Agreement, shall be settled according to the arbitration rules of the American Arbitration Association by one (1) arbitrator appointed to settle the dispute. The cost of such arbitration will be divided equally by the parties involved. Arbitration shall be held exclusively in Louisville, Kentucky and the decision of the arbitrator shall be binding on both parties. The prevailing party shall have the right to enforce such decision in the state or Federal courts sitting in Jefferson County, Kentucky, and each party submits to the exclusive jurisdiction thereof. Each party waivesany defense of forum non-conveniens, or like defense. The decision of the arbitrator shall be final and obligatory for both parties. The prevailing party shall be entitled to recover its reasonable attorneys' fees and expenses incurred in mediation or arbitration from the losing party.

10. Indemnity.

a. Subject to the provisions and limitations set forth in Sections 7(b) and (c) of this Agreement, theContractor shall hold harmless and indemnify the Client and his officials, agents, and employees against any and all claims, loss, damage, injury, fines, penalties, and costs, including reasonable court costs and attorney fees, arising out of or caused by the Contractor's intentional, willful, wanton, reckless, or negligent acts, errors, or omissions in the Contractor's performance under this Agreement, including the actions, errors, or omissions of the Contractor's officials, agents, or employees in performance under this Agreement.

b. The Client shall hold harmless and indemnify the Contractor and its officials, agents, and employees against any and all claims, loss, damage, injury, fines, penalties, and costs, including reasonable court costs and attorney fees, arising out of or caused by the Client's intentional, willful, wanton, reckless, or negligent acts, errors, or omissions in the Client's performance under this Agreement, including the actions,errors, or omissions of the Client's officials, agents, or employees in performance under this Agreement.

11. Termination.

Either party may terminate this Agreement in whole or in part after giving written notice of termination (specifying specific portions being terminated, if terminated in part,) at least thirty (30) days before date oftermination. The Client may terminate this Agreement at any time by giving thirty days (30) notice to the Contractor. If this Agreement is terminated, the Contractor shall be compensated for Work actually performed and expense(s) incurred by Contractor up to the date of termination, including administrative, design Work or Work subrogated to other parties.

12. Counterparts.

This Agreement may be executed in two or more original or facsimile counterparts, each of which shall bedeemed an original and all of which shall constitute but one and the same Agreement.

13. Complete Agreement.

This Agreement constitutes the entire Agreement and understanding between the parties hereto and replaces, cancels and supersedes any prior oral or written Agreements and understandings relating to thesubject matter hereof.

14. Construction.

Should any provision of the Agreement require interpretation or construction, it is agreed by the parties hereto that the Court, administrative body or other entity interpreting on construing this Agreement shall not apply a presumption that the provision hereof shall be more strictly construed against one party than another by reason of the rule of construction that a document is to be more strictly construed against the party who itself or through its agent prepared the same. The headings of sections and subsections are convenience only and shall not affect or control the meaning or construction of any of the provisions of thisAgreement.

15. Notices.

All notices, requests, demands, or other communications required under this Agreement shall be made inwriting and shall be served by hand delivery or by placing such in the United States Mail, certified mail, return receipt requested and bearing adequate postage. Each notice shall be effective upon receipt.

16. Confidentiality.

The Client shall not disclose nor permit disclosure of any information specifically designated by the Contractor as confidential or proprietary, except to its employees and other sub-consultants who need suchinformation in order to properly execute the services of this Agreement. If the Contractor determines the Client has informed the Contractor's competitors of processes proprietary to the Contractor, the Contractor can file suit to request mediation or court award of any damages incurred.

17. Ownership of Work Product.

The Contractor shall continue to be the owner of all drawings, electronic media files, reports and other material provided to the Client unless otherwise agreed in writing. The Contractor may keep copies of all Work products. In the event that the Client should use any Work product from this Agreement on any future Projects unrelated to (or outside the scope or) the subject of this Agreement, the Client shall assumefull responsibility for such use and shall hold the Contractor harmless from any claims, lawsuits or challenges to such subsequent use or performance. The Contractor shall have the right to change appropriate royalty fees from the Client for the additional use thereof. The Contractor shall have the right to display and distribute images of the system(s) as installed for purposes of advertising, promotion or subsequent research and development.

18. Waiver.

No waiver by either party of any default or non-performance by either party shall be considered a waiver ofany subsequent default or non-performance.

19. Records Retention.

All records related to this Agreement shall be retained by both parties for a period of four (4) years after theconclusion of this Agreement. Records relating to any claim arising out of the performance of this Agreement or costs and expenses of this Agreement to which exception has been taken by either party shall be retained by the other party until the claim has been resolved.

20. Severability.

In the event that any term, provision or covenant hereunder shall be held invalid or unenforceable by a court of competent jurisdiction, the remainder of this Agreement shall remain valid and enforceable by anyparty and the invalid unenforceable covenant shall automatically be deemed modified and amended to provide the maximum rights available under applicable law to the party who is the beneficiary of the covenant in question.

21. Authority of Parties.

The individuals who have executed this Agreement on behalf of the respective parties expressly represent and warrant that they are authorized to sign on behalf of such entities for the purpose of duly binding such entities to this Agreement.

22. Right To Cancel.

You, the buyer, may cancel this transaction at any time prior to midnight of the third business day after thedate of this transaction. See the attached notice of cancellation form for an explanation of this right.

IN WITNESS WHEREOF, the parties hereto acknowledge and agree that this document serves as an estimate and not a final binding agreement. The final legally binding agreement will be executed after the completion of the engineering review.

CLIENT: Nokomis Township Public Library SOLAR ENERGY SOLUTIONS LLC

CLIENT: Nokomis Township Public Library

By: _____

Owner(s) Signature

Date: Apr 07 2026

Address: 100 N Spruce St
Nokomis, IL 62075
Contact phone #: (1)

Contact email: None

Solar Energy Solutions and Nokomis Township Public Library
100 N Spruce St, Nokomis, IL, 62075
(Attachment A – Residential) Apr 07 2026
Estimate

12.900 kW Solar Array

Scope of Services:

- Design, Engineering, and Management
- Solar Modules
  30 Qcells Q.TRON BLK M-G2.C+ 430 (DOM CON)
- Inverter
  30 Enphase Energy Inc.
- Battery

  0
- Other Hardware & Components, Component Warranties, and Additional Warranties

Warranties: 25 Year Panel Product Warranty, 25 Year Panel Performance Warranty, 25 Year Inverter Product Warranty

- Wiring, Installation, Workmanship Warranty
  - All labor required for installation and commissioning of the system
  - All consumables, small and miscellaneous parts
  - All permitting, inspection, utility administration and fees**
  - 3 year workmanship warranty

  ****Specifically excluded are utility interconnection, utility equipment and utility upgrade costs in addition to utility bill adjustments, unless noted in Attachment A. Should SES be made aware of any such utility costs, SES will promptly notify Customer and the parties will endeavor to come to a suitable agreement or void this contract without penalty to either party.**

TOTAL COST INSTALLED

$ 42506.00

$ 34665.41 Estimated Incentives (30 % Federal Tax Credit, estimated SREC value, and all others if applicable).*

$ 7840.59 REALIZED COST (NET TAX CREDIT)

*Solar Energy Solutions does not provide financial advice and encourages customers to consult with their tax professional for any IRS claims made.

END OF ATTACHMENT 'A'

FAQ & Solar Basics

Your Questions Answered

Feel like you still have questions? Check out this article for answers and an explanation of some key terms.

Interested in solar for an agricultural property? Read more about the USDA's REAP program here.

Q.TRON BLK M-G2+ SERIES

415 - 440 Wp | 108 Cells
22.5 % Maximum Module Efficiency

MODEL Q.TRON BLK M-G2+

High performance Qcells N-type solar cells

Q.ANTUM NEO Technology with optimized module layout boosts module efficiency up to 22.5 %.

A reliable investment

Inclusive 25-year product warranty and 25-year linear performance warranty[1].

Enduring high performance

Long-term yield security with Anti LeTID Technology, Anti PID Technology[2], Hot-Spot Protect.

Extreme weather rating

High-tech aluminium alloy frame, certified for high snow (8100 Pa) and wind loads (3600 Pa).

Innovative all-weather technology

Optimal yields, whatever the weather with excellent low-light and temperature behaviour.

The most thorough testing programme in the industry

Qcells is the first solar module manufacturer to pass the most comprehensive quality programme in the industry: The new “Quality Controlled PV” of the independent certification institute TÜV Rheinland.

[1] See data sheet on rear for further information.
[2] APT test conditions according to IEC/TS 62804-1:2015, method A (–1500 V, 96 h)

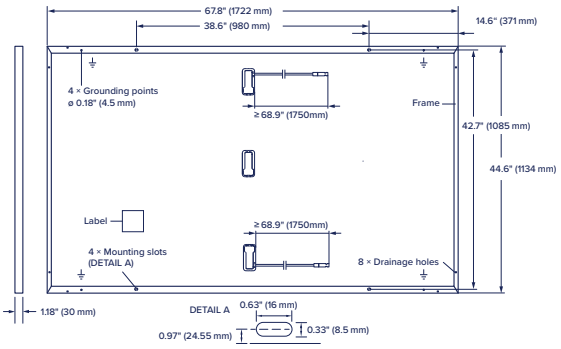
The ideal solution for:

Rooftop arrays on residential buildings

Q.TRON BLK M-G2+ SERIES

Mechanical Specification

Format	67.8 in × 44.6 in × 1.18 in (including frame) (1722 mm × 1134 mm × 30 mm)
Weight	46.7 lbs (21.2 kg)
Front Cover	0.13 in (3.2 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Black anodised aluminium
Cell	6 × 18 monocrystalline Q.ANTUM NEO solar half cells
Junction box	2.09-3.98 in × 1.26-2.36 in× 0.59-0.71 in (53-101 mm × 32-60 mm × 15-18 mm), Protection class IP67, with bypass diodes
Cable	4 mm² Solar cable; (+) ≥68.9 in (1750mm), (−) ≥68.9 in (1750mm)
Connector	Stäubli MC4; IP68

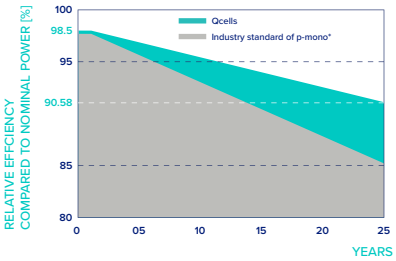


Electrical Characteristics

POWER CLASS				415	420	425	430	435	440
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC[1] (POWER TOLERANCE +5 W / −0 W)									
Minimum	Power at MPP[1]	P_{MPP}	[W]	415	420	425	430	435	440
	Short Circuit Current[1]	I_{SC}	[A]	13.49	13.58	13.66	13.74	13.82	13.90
	Open Circuit Voltage[1]	V_{OC}	[V]	38.47	38.75	39.03	39.32	39.60	39.88
	Current at MPP	I_{MPP}	[A]	12.83	12.91	12.98	13.05	13.13	13.20
	Voltage at MPP	V_{MPP}	[V]	32.34	32.54	32.74	32.94	33.14	33.33
	Efficiency[1]	η	[%]	≥21.3	≥21.5	≥21.8	≥22.0	≥22.3	≥22.5
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT[2]									
Minimum	Power at MPP	P_{MPP}	[W]	313.7	317.5	321.2	325.0	328.8	332.6
	Short Circuit Current	I_{SC}	[A]	10.87	10.94	11.00	11.07	11.14	11.20
	Open Circuit Voltage	V_{OC}	[V]	36.50	36.77	37.04	37.31	37.58	37.84
	Current at MPP	I_{MPP}	[A]	10.10	10.15	10.21	10.27	10.33	10.38
	Voltage at MPP	V_{MPP}	[V]	31.07	31.26	31.46	31.65	31.84	32.03

[1]Measurement tolerances P_{MPP} ±3%; I_{SC}; V_{OC} ±5% at STC: 1000 W/m², 25±2 °C, AM 1.5 according to IEC 60904-3 • [2]800 W/m², NMOT, spectrum AM 1.5

Qcells PERFORMANCE WARRANTY

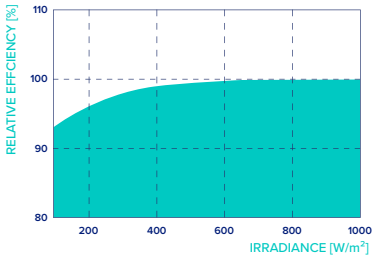


At least 98.5% of nominal power during first year. Thereafter max. 0.33% degradation per year. At least 95.53% of nominal power up to 10 years. At least 90.58% of nominal power up to 25 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Qcells sales organisation of your respective country.

*Standard terms of guarantee for the 5 PV companies with the highest production capacity in 2021 (February 2021)

PERFORMANCE AT LOW IRRADIANCE



Typical module performance under low irradiance conditions in comparison to STC conditions (25 °C, 1000 W/m²).

TEMPERATURE COEFFICIENTS

Temperature Coefficient of I_{SC}	α	[%/K]	+0.04	Temperature Coefficient of V_{OC}	β	[%/K]	−0.24
Temperature Coefficient of P_{MPP}	γ	[%/K]	−0.30	Nominal Module Operating Temperature	NMOT	[°F]	109±5.4 (43±3 °C)

Properties for System Design

Maximum System Voltage	V_{SYS}	[V]	1000 (IEC) / 1000 (UL)	PV module classification	Class II
Maximum Series Fuse Rating		[A DC]	25	Fire Rating based on ANSI / UL 61730	C / TYPE 2
Max. Design Load, Push / Pull[3]		[lbs / ft²]	113 (5400 Pa) / 50 (2400 Pa)	Permitted Module Temperature on Continuous Duty	−40 °F up to +185 °F (−40 °C up to +85 °C)
Max. Test Load, Push / Pull[3]		[lbs / ft²]	169 (8100 Pa) / 75 (3600 Pa)		

[3] See Installation Manual

Qualifications and Certificates

UL61730-1 & UL61730-2, CE-compliant,
Quality Controlled PV - TÜV Rheinland,
IEC 61215:2016, IEC 61730:2016,
U.S. Patent No. 9,893,215 (solar cells).

www.tuv.com
ID 1111220277

Find product recycling details at QR code above

*Contact your Qcells Sales Representative for details regarding the module's eligibility to be Buy American Act (BAA) compliant.

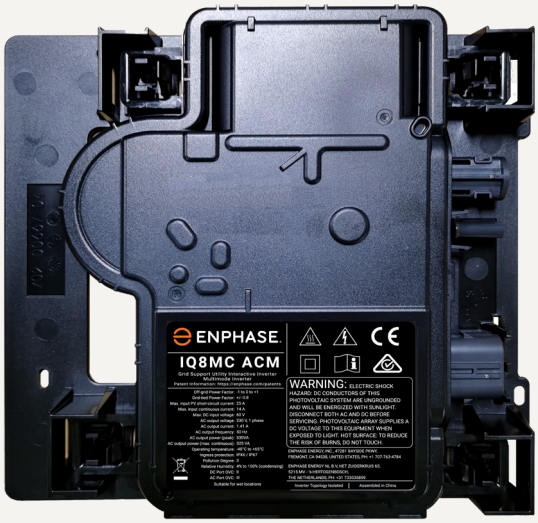
Qcells pursues minimizing paper output in consideration of the global environment.

Note: Installation instructions must be followed. Contact our technical service for further information on approved installation of this product.

Hanwha Q CELLS America Inc. 300 Spectrum Center Drive, Suite 500, Irvine, CA 92618, USA | TEL +1 949 748 59 96 | EMAIL na.support@qcells.com | WEB www.qcells.com/us

ENPHASE

ANZ DATA SHEET



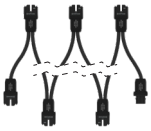
IQ8MC Microinverter

Our newest IQ8 Series Microinverters are the industry's first microgrid-forming* microinverters. The high-powered, smart grid-ready IQ8 Series Microinverters are designed to match the latest-generation high-output PV modules. The IQ8 Series Microinverters have the highest energy production and reliability standards in the industry, and with rapid shutdown functionality, they meet the highest safety standards. The brain of the semiconductor-based microinverter is our proprietary, application-specific integrated circuit (ASIC) which enables the microinverter to operate in grid-tied or off-grid modes. This chip is built in advanced 55-nm technology with high-speed digital logic and has superfast response times to changing loads and grid events, alleviating constraints on battery sizing for home energy systems.

IQ Gateway
The IQ Gateway is the platform for energy management and integrates with the IQ Microinverters and IQ Batteries to provide complete control and insights into the Enphase Energy System.

IQ Relay single-phase and multi-phase
Production and storage circuit, integrated Neutral Sensing-protection device with PLC-Phase coupler (multi-phase) and DC current injection monitoring.

IQ8 Series with integrated MC4 connectors
Connect PV modules quickly and easily to the IQ8 Series Microinverters that have integrated MC4 connectors.



IQ Cabling
Install microinverters quickly and safely with IQ Cabling. With multi-phase IQ Cabling, the installed capacity is automatically distributed evenly across all three phases.

Enphase 25 year limited warranty

IQ8 Series Microinverters redefine reliability standards with more than one million cumulative hours of power-on testing, enabling an industry-leading limited warranty of up to 25 years.**

IQ Battery 5P
Part of the Enphase Energy System, IQ Battery 5P integrates with the IQ8 Series Microinverters, IQ System Controller 3 INT, and the Enphase App monitoring and analysis software.

Compatible with latest generation high-output PV modules

- Supports latest high-current PV modules
- IQ8 Series Microinverters support all common PV module powers and cell architectures

Easy to install and commission

- Lightweight and compact with integrated Stäubli MC4 connectors for easy installation
- Fast installation with simple AC cabling
- New integrated circuit technology enables faster firmware upgrades

High energy production, reliability, and safety

- Produce power even when the grid is down*
- More than one million power-on hours of reliability testing
- Patented Burst Mode technology provides increased energy production
- Low-voltage DC and rapid shutdown for the ultimate fire safety

Note:
(i) Commissioning of IQ8 Series Microinverter systems requires Enphase Installer App version 3.31.0 or higher.
(ii) IQ8 Series Microinverters cannot be mixed together with previous generations of Enphase microinverters (IQ7 Series, IQ6 Series, etc) on the same IQ Gateway.

* Only when installed with IQ System Controller 3 INT.
** 25-year warranty is valid, provided an internet-connected IQ Gateway is installed.

IQ8MC Microinverters

INPUT DATA (DC)		UNITS	IQ8MC-72-M-ACM-INT
Typical module compatibility	–	–	54-cell/108-half-cell, 60-cell/120-half-cell, 66-cell/132-half-cell, 72-cell/144-half-cell No enforced DC/AC ratio and the maximum input power. Modules can be paired as long as the maximum input voltage is not exceeded and the maximum input current of the inverter at the lowest and highest temperatures is respected. See the compatibility calculator at https://enphase.com/en-au/installers/microinverters/calculator.
Minimum/Maximum input voltage	$U_{dc,min}/U_{dc,max}$	V	18/60
Start-up input voltage	$U_{dc,start}$	V	22
Rated input voltage	$U_{dc,r}$	V	35.0
Minimum/Maximum MPP voltage	U_{mppmin}/U_{mppmax}	V	25/45
Minimum/Maximum operating voltage	U_{opmin}/U_{opmax}	V	18/49
Maximum input current	$I_{dc,max}$	A	14
Maximum short-circuit DC input current	$I_{sc,max}$	A	25 Maximum short-circuit current for modules (I_{sc}) allowed being paired with IQ8 Series Microinverters: 20 A (calculated with 1.25 safety factor as per IEC 62548).
Maximum input power[1]	$P_{dc,max}$	W	480

OUTPUT DATA (AC)		UNITS	IQ8MC-72-M-ACM-INT	
Maximum apparent power	$S_{ac,max}$	VA	330	
Rated apparent power	$P_{ac,r}$	VA	325	
Nominal grid voltage	$U_{ac,nom}$	V	230	
Minimum/Maximum grid voltage	$U_{ac,min}/U_{ac,max}$	V	184/276	
Rated/Maximum output current	I_{acmax}	A	1.41/1.43	
Nominal frequency	f_{nom}	Hz	50	
Minimum/Maximum frequency	f_{min}/f_{max}	Hz	45/55	
Maximum units per single-phase 20 A circuit Maximum units per multi-phase 25 A circuit	–	–	12 (L+N) Single-phase	42 (3L+N) Multi-phase For IQ Cable with 2.5 mm^2 stranded conductors and using a 1.20 safety factor. The safety factors applied may vary based on local regulations or best practices, also upon the characteristic the OCPD selected.
Recommended maximum units per single-phase/multi-phase IQ Cable section to reduce voltage rise in IQ Cable	–	–	8 (L+N) Single-phase	18 (3L+N) Multi-phase It is recommended to centre feed IQ Cable within microinverter branch circuits to minimize the voltage rise. These design limits should ensure voltage rise and line conductor resistance on the IQ Cable are maintained within acceptable limits. In locations with a risk of high grid voltage at the point of connection, it may be necessary to decrease the maximum number of microinverters on the IQ Cable section by as much as 50%.
Protective class (all ports)	–	–	II	
Total harmonic distortion	–	%	<5	
Power factor setting	–	–	1.0	
Power factor range	cos phi	–	0.8 leading ... 0.8 lagging	
Inverter maximum efficiency	η_{max}	%	97.5	
European weighted efficiency	η_{EU}	%	96.7	
Inverter topology	–	–	Isolated (HF transformer)	
Nighttime power loss	–	mW	50	

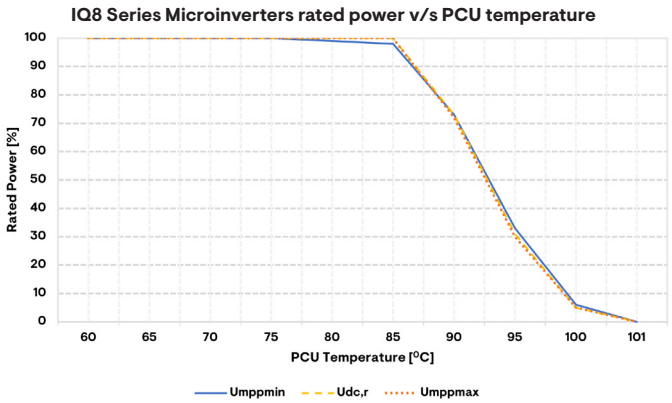
MECHANICAL DATA	IQ8MC-72-M-ACM-INT
Ambient air temperature range	-40°C to 60°C (-40°F to 140°F)
Relative humidity range	4% to 100% (condensing)
Overvoltage class AC port/DC port	III/II

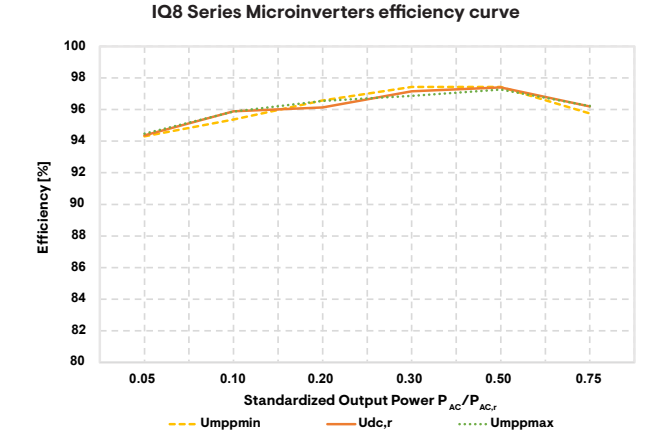
[1] Pairing PV modules with wattage above the limit may result in additional clipping losses. See the compatibility calculator at https://enphase.com/en-au/installers/microinverters/calculator.

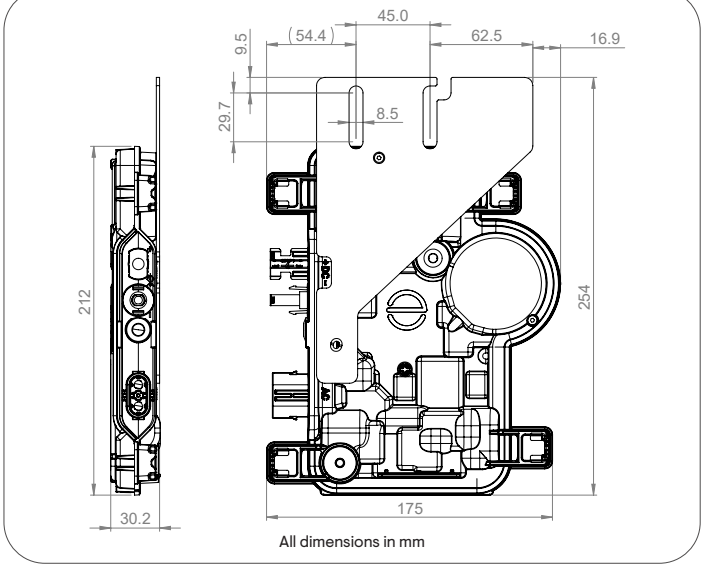
MECHANICAL DATA	IQ8MC-72-M-ACM-INT
Number of input DC connectors (pairs) per single MPP-tracker	1
AC connector type	IQ Cabling (refer to the IQ Cable and accessories data sheet)
DC connector type	Stäubli MC4
Dimensions (H × W × D)	212 mm (8.3") × 175 mm (6.9") × 30.2 mm (1.2") (without mounting brackets)
Weight (with mounting plate)	1.1 kg (2.4 lb)
Cooling	Natural convection–no fans
Enclosure	Class II double-insulated, corrosion-resistant polymeric enclosure
IP rating	Outdoor-IP67
Altitude	<2600 m
Calorific value	37.5 MJ/unit

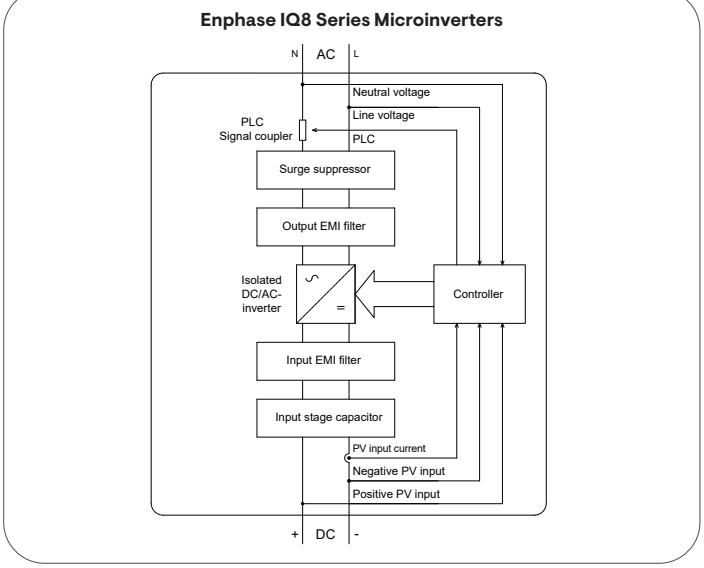
STANDARDS	IQ8MC-72-M-ACM-INT
Grid compliance (with IQ Relay)	AS/NZS 4777-2:2020
Safety	EN IEC 62109-1, EN IEC 62109-2
EMC	EN IEC 61000-3-2, 61000-3-3, 61000-6-2, 61000-6-3, EN IEC 50065-1, 50065-2-1, EN55011[2]
Product labelling	CE, RCM
Advanced grid functions[3]	Power export limiting (PEL), phase imbalance management (PIM), loss of phase detection (LOP), power factor control Q (U), cos (phi) (P)
Microinverter communication	Power line communication (PLC) 110–120 kHz (Class B), narrowband 200 Hz

[2] At STC within MPP range.
[3] Some of these functions require IQ Gateway Metered with current transformers and/or IQ Relay installed.









Assembled in China

Manufacturer: Enphase Energy, Inc. 47281 Bayside Pkwy., Fremont, CA 94538, United States, PH: +1 (707) 763-4784
Importer: Enphase Energy Aust. Pty/Ltd., 88 Market St., South Melbourne VIC 3205. PH: +61 386691679

Revision history

REVISION	DATE	DESCRIPTION
DSH-00069-3.0	September 2024	Updated warranty information.
DSH-00069-2.0	July 2023	• Added rated apparent power, rated output current, and overvoltage class DC port details. • Removed extended warranty details from data sheet. For extended warranty, contact Enphase Support.
DSH-00069-1.0	June 2023	Initial release.

Premises

Nokomis Library
100 N Spruce St
Nokomis

Annual Energy Usage	15,494 kWh
Est. Solar Energy Production	11,089 kWh
Est. Solar Energy Offset	72%
Solar System Size	7.92 kW
Inverter Size	5.85 kW
Number of Panels	18

Federal Tax Credit & SREC Applied

Total Cash Price	$29,938
Estimated 30% Federal Tax Credit	$8,981
Estimated IL SREC Incentive	$9,022
Estimated Smart Solar Rebate	$2,376
Estimated Utility Battery Rebate	$0
Estimated MACRS at 21%	$5,344
Estimated 10% Energy Community Bonus	$2,994
Net System Price	$1,220
96%	Incentives
Current Electric Bill	$271
Annual Bill	$3,254
25 Yr Electric Total	$139,214
25 Year Savings	$99,014
Breakeven	~1 year

ROUTE 66 SOLAR

1 W Old State Capitol Plaza Suite 505, Springfield, IL 62701 Info@Route66Solar.com 217-652-6533 License Numbers: D3456 & DG22-0343

Projected Future Electricity Prices

	Electricity with No Inflation	Electricity at a 4.2% Rate of Inflation		Electricity at a 6% Rate of Inflation	
Year 1	$3,254	$3,254		$3,254	
	$3,254	$3,390		$3,449	
	$3,254	$3,533		$3,656	
	$3,254	$3,681		$3,875	
Year 5	$3,254	$3,836	118%	$4,108	126%
	$3,254	$3,997		$4,354	
	$3,254	$4,165		$4,615	
	$3,254	$4,340		$4,892	
	$3,254	$4,522		$5,186	
Year 10	$3,254	$4,712	145%	$5,497	169%
	$3,254	$4,910		$5,827	
	$3,254	$5,116		$6,177	
	$3,254	$5,331		$6,547	
	$3,254	$5,555		$6,940	
Year 15	$3,254	$5,788	178%	$7,356	226%
	$3,254	$6,031		$7,798	
	$3,254	$6,284		$8,266	
	$3,254	$6,548		$8,762	
	$3,254	$6,823		$9,287	
Year 20	$3,254	$7,110	219%	$9,845	303%
	$3,254	$7,409		$10,435	
	$3,254	$7,720		$11,061	
	$3,254	$8,044		$11,725	
	$3,254	$8,382		$12,428	
Year 25	$3,254	$8,734	268%	$13,174	405%
25 Yr Electric Total	$81,344	$139,214		$178,515	
25 Yr Savings	$57,347	$99,014		$127,310	

Premises

Nokomis Library
100 N Spruce St
Nokomis

Annual Energy Usage	15,494 kWh
Est. Solar Energy Production	10,482 kWh
Est. Solar Energy Offset	68%
Solar System Size	7.2 kW
Inverter Size	5.2 kW
Number of Panels	16

Federal Tax Credit & SREC Applied

Total Cash Price	$27,216
Estimated 30% Federal Tax Credit	$0
Estimated IL SREC Incentive	$8,515
Estimated Smart Solar Rebate	$2,160
Estimated Utility Battery Rebate	$0
Estimated MACRS at 21%	$4,858
Net System Price	$11,683
57%	Incentives
Current Electric Bill	$271
Annual Bill	$3,254
25 Yr Electric Total	$139,214
25 Year Savings	$82,982
Breakeven	~4.5 year

ROUTE 66 SOLAR

1 W Old State Capitol Plaza Suite 505, Springfield, IL 62701 Info@Route66Solar.com 217-652-6533 License Numbers: D3456 & DG22-0343

Projected Future Electricity Prices

	Electricity with No Inflation	Electricity at a 4.2% Rate of Inflation		Electricity at a 6% Rate of Inflation	
Year 1	$3,254	$3,254		$3,254	
	$3,254	$3,390		$3,449	
	$3,254	$3,533		$3,656	
	$3,254	$3,681		$3,875	
Year 5	$3,254	$3,836	118%	$4,108	126%
	$3,254	$3,997		$4,354	
	$3,254	$4,165		$4,615	
	$3,254	$4,340		$4,892	
	$3,254	$4,522		$5,186	
Year 10	$3,254	$4,712	145%	$5,497	169%
	$3,254	$4,910		$5,827	
	$3,254	$5,116		$6,177	
	$3,254	$5,331		$6,547	
	$3,254	$5,555		$6,940	
Year 15	$3,254	$5,788	178%	$7,356	226%
	$3,254	$6,031		$7,798	
	$3,254	$6,284		$8,266	
	$3,254	$6,548		$8,762	
	$3,254	$6,823		$9,287	
Year 20	$3,254	$7,110	219%	$9,845	303%
	$3,254	$7,409		$10,435	
	$3,254	$7,720		$11,061	
	$3,254	$8,044		$11,725	
	$3,254	$8,382		$12,428	
Year 25	$3,254	$8,734	268%	$13,174	405%
25 Yr Electric Total	$81,344	25 Yr Electric Total $139,214		25 Yr Electric Total $178,515	
25 Yr Savings	$43,630	25 Yr Savings $82,982		25 Yr Savings $109,707	

Nokomis Library

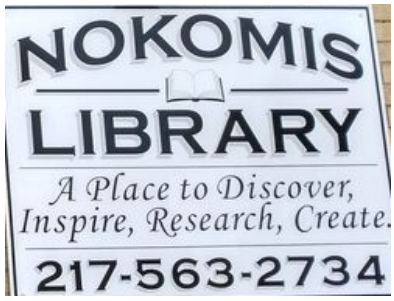
Prepared For

Nokomis Library
618-000-0000
jake.leonard@heartlandmediagroupilm

Prepared By

David Knight
(309) 444-0982
david@illinoissolarservices.com

3/26/2026



Illinois Solar Services is a locally owned and operated business established to help residents, business owners, farmers, and municipalities become energy independent while saving money. Take control of your utility expenses with the best technology, financing, and warranty in the industry. Not all solar products are the same, and we pride ourselves on providing the highest quality solutions to your energy needs.

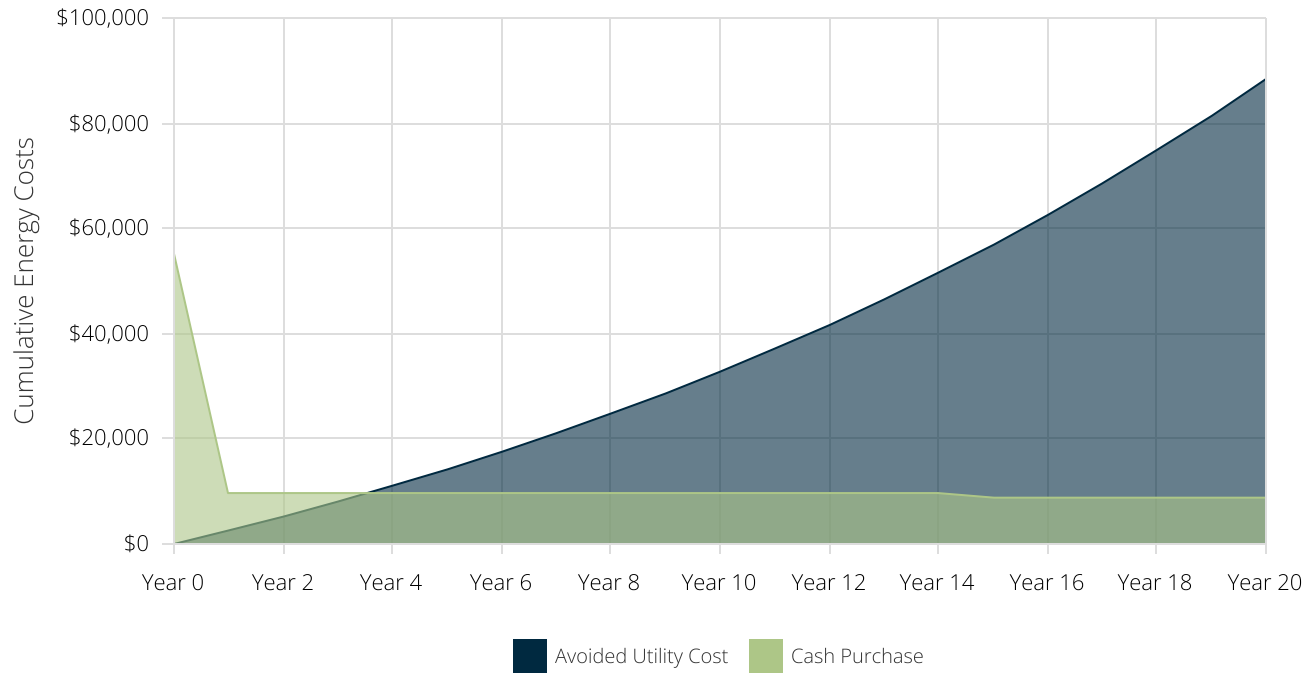
Table of Contents

1 Project Summary

Payment Options	Cash Purchase
Total Payments	$55,177
Total Incentives	$46,369
Net Payments	$8,808
Payback Period	3.5 Years
IRR (20 Year)	19.2%
NPV (20 Year)	$39,155

Combined Solar PV Rating
Power Rating: 12,980 W-DC
Power Rating: 11,423 W-AC-CEC

Cumulative Energy Costs By Payment Option



2.1.1 PV System Details

General Information
Facility: Meter #1
Address: 100 N Spruce St Nokomis IL 62075

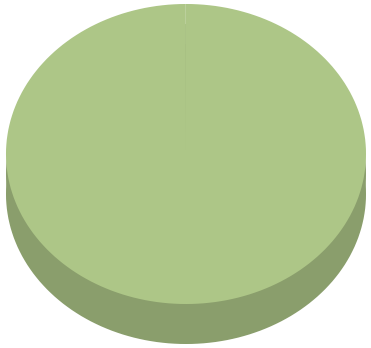
Solar PV Equipment Description
Solar Panels: 13.0 kW-DC Standard Modules
Inverters: Standard Inverter

Solar PV Equipment Typical Lifespan
Solar Panels: Greater than 30 Years
Inverters: 15 Years

Solar PV System Cost and Incentives	
Solar PV System Cost	$55,177
Direct Pay ITC	-$27,589
Illinois ABP Incentive	-$14,887
SMART Inverter Rebate	-$3,894
Net Solar PV System Cost	**$8,808**

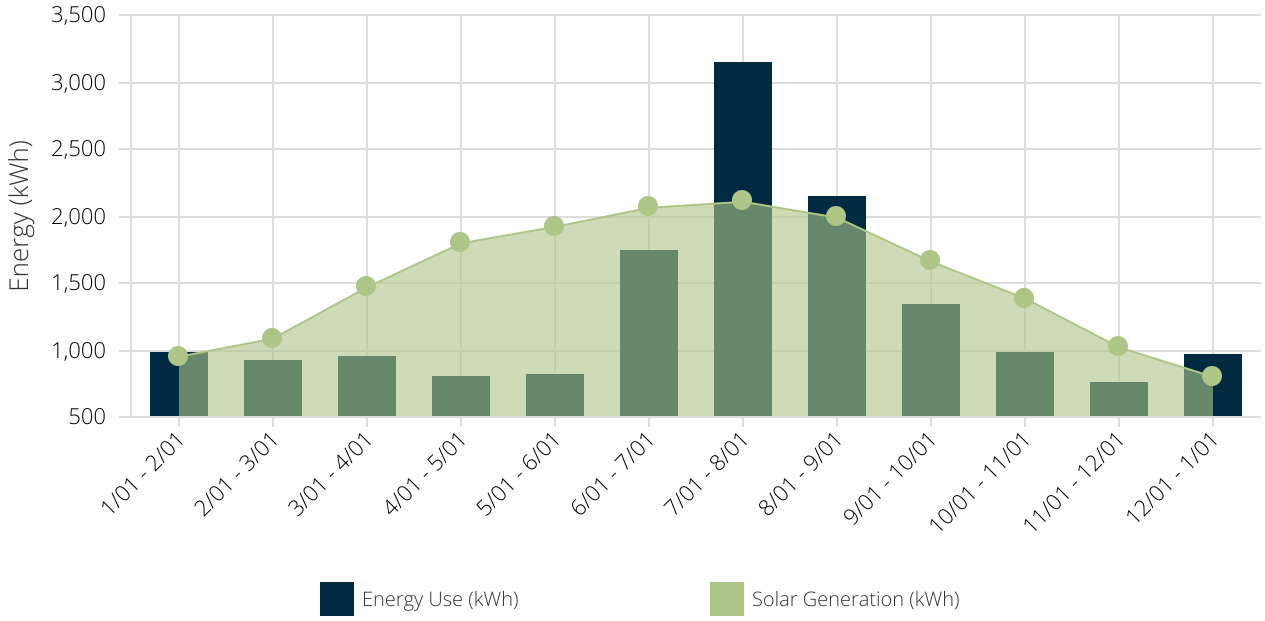
Solar PV System Rating
Power Rating: 12,980 W-DC
Power Rating: 11,423 W-AC-CEC

Energy Consumption Mix
Annual Energy Use: 15,494 kWh



Utility	-2,744 kWh (0.00%)
Solar PV	18,238 kWh (100.00%)

Monthly Energy Use vs Solar Generation



2.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

Direct Pay, Investment Tax Credit (ITC) - 30% (with Adders)

Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the established prevailing wage and apprenticeship requirements in order to qualify for the full 30% “increased rate”, rather than a 6% “base rate”.
Direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas.
In addition to the 30% ITC, three different types of ITC “Adders”, which provide additional tax credits of up to 10% each, for projects that meet specified requirements. (1) Energy Community. (2) Low-income. (3) Domestic Content.

Total Incentive Value: $27,589

Illinois ABP Distributed Generation (DG) - 2023

Illinois Shines is the brand name of the Illinois Adjustable Block Program (ABP), a state-administered program for new solar photovoltaic systems. The ABP Distributed Generation (DG) program provides payments in exchange for 15 years of Renewable Energy Credits (“RECs”) generated by new PV systems. These payments, made by Illinois utilities, vary depending on the system’s size and where it is located. Participating in Illinois Shines is the same thing as participating in the Adjustable Block Program. RECs represent the environmental value of the electricity generated from solar panels, but not the electricity itself. Whoever owns the RECs has the right to say they used that solar power. Utilities must purchase RECs to meet their obligation to supply a certain amount of power from renewable energy.

Total Incentive Value: $14,887

Illinois Smart Inverter Rebate - 2023

Rebate Applicable to Participating IL Utilities. Customers receiving service under rate schedules DS-1 (Residential) & DS-2 (Small Commercial) the rebate for inverters used to interconnect generators are $300/KW-PV DC. For Customer receiving service under rate schedules DS-3, DS-4 and DS-6 (Large Commercial & Industrial) the rebate for inverters used to interconnect generators are $250/KW-PV DC Is available to both customers with existing generation and/or ESS at their home/business and to customers who will be installing that equipment in the future. Applicability For Other Participating Utilities May Not Be Specific to Rate Tariffs. There is a limit of 5mW AC for the rebate application

Total Incentive Value: $3,894

2.1.3 Utility Rates

The table below shows the rates associated with your current utility rate schedule (DS-2). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges			
Season	Charge Type	Rate Type	DS-2	Season	Charge Type	Rate Type	DS-2
S	Flat Rate	per billing period	$38.61	S	Flat Rate	Import	$0.16468
W	Flat Rate	per billing period	$38.61	W	Flat Rate	Import	$0.11345
				S	T < 2,000 kWh	Import	$0.07287
				S	2,000 kWh < T < 50,000 kWh	Import	$0.07276
				S	50,000 kWh < T	Import	$0.0726
				W	T < 2,000 kWh	Import	$0.0404
				W	2,000 kWh < T < 50,000 kWh	Import	$0.02219
				W	50,000 kWh < T	Import	$0.02203

2.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: Ameren-IL - DS-2

Time Periods	Energy Use (kWh)	Charges			
Bill Ranges & Seasons	Total	Other	NBC	Energy	Total
1/1/2026 - 2/1/2026 W	978	$39	$0	$154	$192
2/1/2026 - 3/1/2026 W	919	$39	$0	$144	$183
3/1/2025 - 4/1/2025 W	945	$39	$0	$148	$187
4/1/2025 - 5/1/2025 W	793	$39	$0	$125	$163
5/1/2025 - 6/1/2025 W	809	$39	$0	$127	$166
6/1/2025 - 7/1/2025 S	1,740	$39	$0	$419	$458
7/1/2025 - 8/1/2025 S	3,146	$39	$0	$757	$796
8/1/2025 - 9/1/2025 S	2,148	$39	$0	$517	$556
9/1/2025 - 10/1/2025 S	1,334	$39	$0	$321	$360
10/1/2025 - 11/1/2025 W	971	$39	$0	$152	$191
11/1/2025 - 12/1/2025 W	755	$39	$0	$119	$157
12/1/2025 - 1/1/2026 W	956	$39	$0	$150	$189
Total	15,494	$463	-	$3,084	$3,547

2.1.5 New Electric Bill

Rate Schedule: Ameren-IL - DS-2

Time Periods	Energy Use (kWh)	Charges			
Bill Ranges & Seasons	Total	Other	NBC	Energy	Total
1/1/2026 - 2/1/2026 W	28	$39	$0	$36	$74
2/1/2026 - 3/1/2026 W	-166	$39	$0	$13	$52
3/1/2025 - 4/1/2025 W	-523	$39	$0	$26	$12
4/1/2025 - 5/1/2025 W	-1,003	$39	$0	$83	$44
5/1/2025 - 6/1/2025 W	-1,110	$39	$0	$96	$57
6/1/2025 - 7/1/2025 S	-321	$39	$0	$9	$48
7/1/2025 - 8/1/2025 S	1,040	$39	$0	$291	$330
8/1/2025 - 9/1/2025 S	160	$39	$0	$104	$143
9/1/2025 - 10/1/2025 S	-326	$39	$0	$5	$44
10/1/2025 - 11/1/2025 W	-414	$39	$0	$15	$24
11/1/2025 - 12/1/2025 W	-265	$39	$0	$2	$37
12/1/2025 - 1/1/2026 W	156	$39	$0	$51	$90
Total	-2,744	$463	-	$536	$999

Annual Electricity Savings: $2,548

3.1 Cash Purchase

Assumptions and Key Financial Metrics

Discount Rate	5.0%	Federal Tax Rate	0.0%	State Tax Rate	0.0%
Average Annual Utility Escalation	6.0%	PV Generation (kWh/kW-DC)	1,405 kWh/kW-DC	Average PV Degradation Rate	0.50%
Average ESS Degradation Rate	0.00%				

Years	Project Costs	Electric Bill Savings	Direct Pay ITC	Illinois ABP Incentive	SMART Inverter Rebate	Total Cash Flow	Cumulative Cash Flow
Upfront	-$55,177	-	-	-	-	-$55,177	-$55,177
1	-	$2,548	$27,589	$14,011	$3,894	$48,042	-$7,135
2	-	$2,688	-	-	-	$2,688	-$4,447
3	-	$2,835	-	-	-	$2,835	-$1,613
4	-	$2,990	-	-	-	$2,990	$1,377
5	-	$3,153	-	-	-	$3,153	$4,530
6	-	$3,325	-	-	-	$3,325	$7,855
7	-	$3,507	-	-	-	$3,507	$11,362
8	-	$3,698	-	-	-	$3,698	$15,059
9	-	$3,899	-	-	-	$3,899	$18,959
10	-	$4,112	-	-	-	$4,112	$23,070
11	-	$4,336	-	-	-	$4,336	$27,406
12	-	$4,572	-	-	-	$4,572	$31,978
13	-	$4,820	-	-	-	$4,820	$36,798
14	-	$5,082	-	-	-	$5,082	$41,880
15	-	$5,358	-	$876	-	$6,234	$48,114
16	-	$5,649	-	-	-	$5,649	$53,763
17	-	$5,956	-	-	-	$5,956	$59,719
18	-	$6,279	-	-	-	$6,279	$65,998
19	-	$6,619	-	-	-	$6,619	$72,618
20	-	$6,978	-	-	-	$6,978	$79,596
Totals:	-$55,177	$88,403	$27,589	$14,887	$3,894	$79,596	-

4.1 Cash Purchase

Assumptions and Key Financial Metrics

Discount Rate	5.0%	Federal Tax Rate	0.0%	State Tax Rate	0.0%
Average Annual Utility Escalation	6.0%	PV Generation (kWh/kW-DC)	1,405 kWh/kW-DC	Average PV Degradation Rate	0.50%
Average ESS Degradation Rate	0.00%				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Cash															
Project Costs	-$55,177	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	$2,548	$2,688	$2,835	$2,990	$3,153	$3,325	$3,507	$3,698	$3,899	$4,112	$4,336	$4,572	$4,820	$5,082
Direct Pay ITC	-	$27,589	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois ABP Incentive	-	$14,011	-	-	-	-	-	-	-	-	-	-	-	-	-
SMART Inverter Rebate	-	$3,894	-	-	-	-	-	-	-	-	-	-	-	-	-
Cash Total	-$55,177	$48,042	$2,688	$2,835	$2,990	$3,153	$3,325	$3,507	$3,698	$3,899	$4,112	$4,336	$4,572	$4,820	$5,082
Total Cash Flow	-$55,177	$48,042	$2,688	$2,835	$2,990	$3,153	$3,325	$3,507	$3,698	$3,899	$4,112	$4,336	$4,572	$4,820	$5,082
Cumulative Cash Flow	-$55,177	-$7,135	-$4,447	-$1,613	$1,377	$4,530	$7,855	$11,362	$15,059	$18,959	$23,070	$27,406	$31,978	$36,798	$41,880

4.1 Cash Purchase

Assumptions and Key Financial Metrics

Discount Rate	5.0%	Federal Tax Rate	0.0%	State Tax Rate	0.0%
Average Annual Utility Escalation	6.0%	PV Generation (kWh/kW-DC)	1,405 kWh/kW-DC	Average PV Degradation Rate	0.50%
Average ESS Degradation Rate	0.00%				

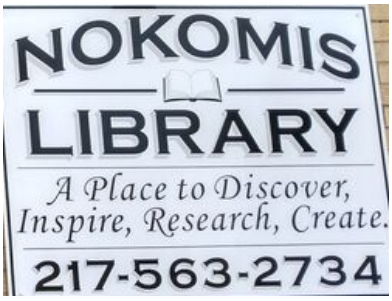
Years	15	16	17	18	19	20	Totals
Cash							
Project Costs	-	-	-	-	-	-	-$55,177
Electric Bill Savings	$5,358	$5,649	$5,956	$6,279	$6,619	$6,978	$88,403
Direct Pay ITC	-	-	-	-	-	-	$27,589
Illinois ABP Incentive	$876	-	-	-	-	-	$14,887
SMART Inverter Rebate	-	-	-	-	-	-	$3,894
Cash Total	$6,234	$5,649	$5,956	$6,279	$6,619	$6,978	$79,596
Total Cash Flow	$6,234	$5,649	$5,956	$6,279	$6,619	$6,978	$79,596
Cumulative Cash Flow	$48,114	$53,763	$59,719	$65,998	$72,618	$79,596	-

5 Solar Insure Warranty - 30 Years

Nokomis Library - With Franklin Batteries

Prepared For

Nokomis Library
618-000-0000
jake.leonard@heartlandmediagroupilm



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Prepared By

David Knight
(309) 444-0982
david@illinoissolarservices.com

3/26/2026

Table of Contents

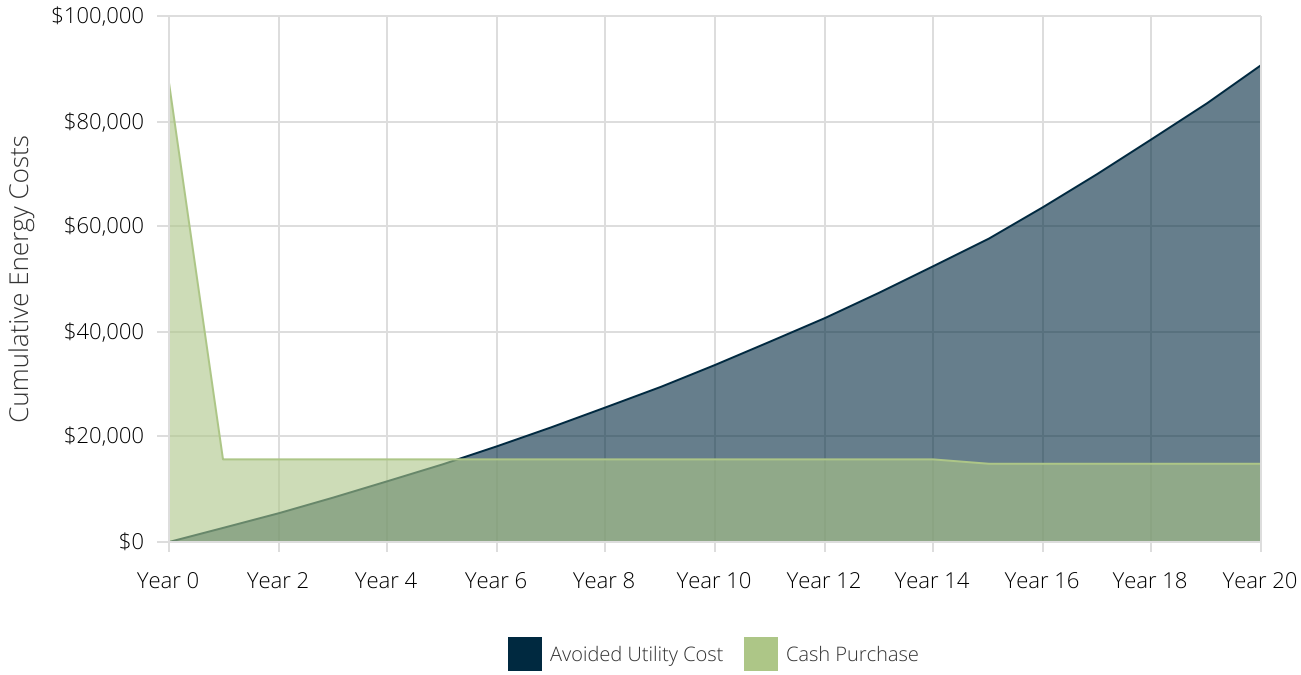
1 Project Summary

Payment Options	Cash Purchase
Total Payments	$87,290
Total Incentives	$72,419
Net Payments	$14,871
Payback Period	5.3 Years
IRR (20 Year)	13.9%
NPV (20 Year)	$33,146

Combined Solar PV Rating
Power Rating: 12,980 W-DC
Power Rating: 11,423 W-AC-CEC

Combined ESS Ratings
Energy Capacity: 19.4 kWh
Power Rating: 15.0 kW

Cumulative Energy Costs By Payment Option



2.1.1 PV System Details

General Information
Facility: Meter #1
Address: 100 N Spruce St Nokomis IL 62075

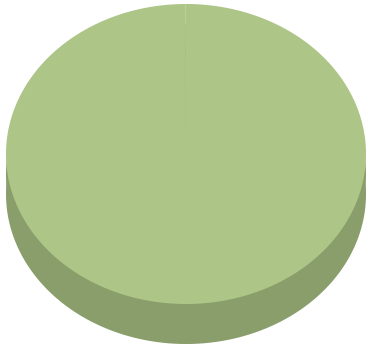
Solar PV Equipment Description
Solar Panels: 13.0 kW-DC Standard Modules
Inverters: Standard Inverter

Solar PV Equipment Typical Lifespan
Solar Panels: Greater than 30 Years
Inverters: 15 Years

Solar PV System Cost and Incentives	
Solar PV System Cost	$60,531
Direct Pay ITC	-$30,266
Illinois ABP Incentive	-$14,210
SMART Inverter Rebate	-$3,894
Net Solar PV System Cost	**$12,161**

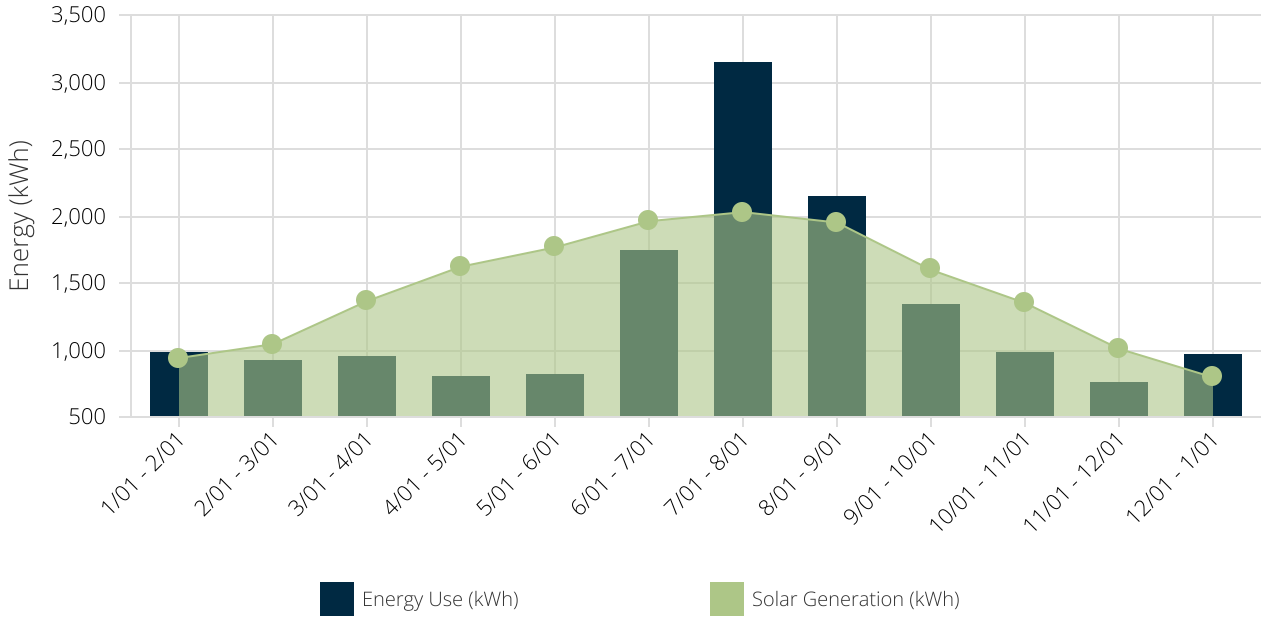
Solar PV System Rating
Power Rating: 12,980 W-DC
Power Rating: 11,423 W-AC-CEC

Energy Consumption Mix
Annual Energy Use: 15,494 kWh



Utility	-1,938 kWh	(0.00%)
Solar PV	17,432 kWh	(100.00%)

Monthly Energy Use vs Solar Generation



2.1.2 Energy Storage System (ESS) Details

General Information

Facility: Meter #1
Address: Nokomis IL 62075

ESS System Ratings

Energy Capacity: 19.4 kWh
Power Rating: 15.0 kW

ESS Equipment Description

Battery Banks: 15kw/19.4kWh Energy Storage System
Inverters: 15kw/19.4kWh Energy Storage System

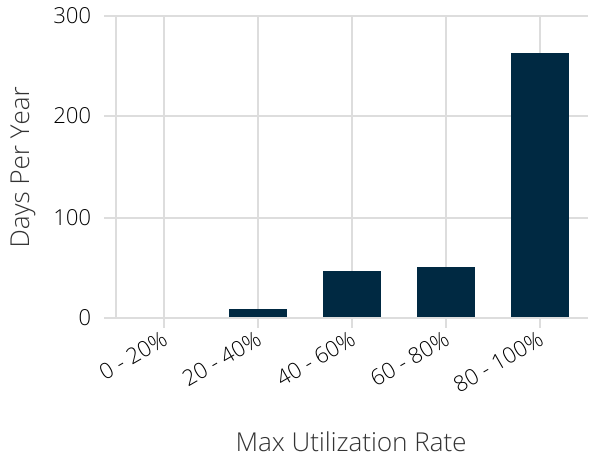
ESS Equipment Typical Lifespan

Battery Banks: 15 Years
Inverters: 15 Years

ESS Cost and Incentives

ESS Cost	$26,759
Direct Pay ITC	-$13,380
ICC Virtual Power Plant Rebate	-$4,850
SMART Inverter Rebate	-$5,820
Net ESS Cost	**$2,710**

Energy Storage Annual Utilization



Energy Output and Demand Savings From Solar PV and Energy Storage				
Date Range	ESS Energy Discharge (kWh)	Solar PV Generation (kWh)	ESS Energy as % of PV Energy	Total Demand Savings
1/1/2026 - 2/1/2026	299	940	31.81%	$0
2/1/2026 - 3/1/2026	284	1,044	27.20%	$0
3/1/2025 - 4/1/2025	349	1,365	25.57%	$0
4/1/2025 - 5/1/2025	292	1,622	18.00%	$0
5/1/2025 - 6/1/2025	256	1,766	14.50%	$0
6/1/2025 - 7/1/2025	404	1,961	20.60%	$0
7/1/2025 - 8/1/2025	206	2,029	10.15%	$0
8/1/2025 - 9/1/2025	367	1,951	18.81%	$0
9/1/2025 - 10/1/2025	392	1,598	24.53%	$0
10/1/2025 - 11/1/2025	373	1,351	27.61%	$0
11/1/2025 - 12/1/2025	310	1,009	30.72%	$0
12/1/2025 - 1/1/2026	278	796	34.92%	$0
Total	3,810	17,432	21.86%	$0

2.1.3 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

Direct Pay, Investment Tax Credit (ITC) - 30% (with Adders)

Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the established prevailing wage and apprenticeship requirements in order to qualify for the full 30% “increased rate”, rather than a 6% “base rate”.
Direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas.
In addition to the 30% ITC, three different types of ITC “Adders”, which provide additional tax credits of up to 10% each, for projects that meet specified requirements. (1) Energy Community. (2) Low-income. (3) Domestic Content.

Total Incentive Value: $30,266

Illinois ABP Distributed Generation (DG) - 2023

Illinois Shines is the brand name of the Illinois Adjustable Block Program (ABP), a state-administered program for new solar photovoltaic systems. The ABP Distributed Generation (DG) program provides payments in exchange for 15 years of Renewable Energy Credits (“RECs”) generated by new PV systems. These payments, made by Illinois utilities, vary depending on the system’s size and where it is located. Participating in Illinois Shines is the same thing as participating in the Adjustable Block Program. RECs represent the environmental value of the electricity generated from solar panels, but not the electricity itself. Whoever owns the RECs has the right to say they used that solar power. Utilities must purchase RECs to meet their obligation to supply a certain amount of power from renewable energy.

Total Incentive Value: $14,210

Illinois Smart Inverter Rebate - 2023

Rebate Applicable to Participating IL Utilities. Customers receiving service under rate schedules DS-1 (Residential) & DS-2 (Small Commercial) the rebate for inverters used to interconnect generators are $300/KW-PV DC. For Customer receiving service under rate schedules DS-3, DS-4 and DS-6 (Large Commercial & Industrial) the rebate for inverters used to interconnect generators are $250/KW-PV DC Is available to both customers with existing generation and/or ESS at their home/business and to customers who will be installing that equipment in the future. Applicability For Other Participating Utilities May Not Be Specific to Rate Tariffs. There is a limit of 5mW AC for the rebate application

Total Incentive Value: $3,894

Illinois Smart Inverter Rebate (ESS) - 2023

Rebate Applicable for participating IL Utilities. Customers receiving service under rate schedules DS-1 (Residential) & DS-2 (Small Commercial) are eligible for a rebate for inverters used to interconnect Energy Storage at $300/kWh ESS Capacity. For Customer receiving service under rate schedules DS-3, DS-4 and DS-6 (Large Commercial & Industrial) are eligible for a rebate for inverters used to interconnect Energy Storage at $250/kWh ESS Capacity is available to both customers with existing generation and/or ESS at their home/business and to customers who will be installing that equipment in the future. There is a limit of 5mW AC for the rebate application. For other participating utilities, specific rate tariffs may not be required for customers To receive a rebate for the inverter used to interconnect their ESS

Total Incentive Value: $5,820

Direct Pay, Investment Tax Credit (ITC) - 30% (with Adders) (ESS)

Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the established prevailing wage and apprenticeship requirements in order to qualify for the full 30% “increased rate”, rather than a 6% “base rate”.
Direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas.
In addition to the 30% ITC, three different types of ITC “Adders”, which provide additional tax credits of up to 10% each, for projects that meet specified requirements. (1) Energy Community. (2) Low-income. (3) Domestic Content.

Total Incentive Value: $13,380

ICC Virtual Power Plant Program

$250 per kWh of storage + $10/kW dispatch during J,JU,A,SE - 4pm to 6pm

Total Incentive Value: $4,850

2.1.4 Utility Rates

You have the option to remain on your current rate schedule (DS-2 (Effective Date: 10/1/25)) or switch to an alternative rate schedule (DS-2 (Effective Date: 2/1/26)). The rates for each are shown below and your estimated electric bills are shown on the following page for each rate schedule.

Customer Charges					Energy Charges				
Season	Charge Type	Rate Type	DS-2	DS-2	Season	Charge Type	Rate Type	DS-2	DS-2
S	Flat Rate	per billing period	$38.61	$47.45	S	Flat Rate	Import	$0.16468	$0.16059
W	Flat Rate	per billing period	$38.61	$47.45	W	Flat Rate	Import	$0.11345	$0.10936
					S	T < 2,000 kWh	Import	$0.07287	$0.06945
					S	2,000 kWh < T < 50,000 kWh	Import	$0.07276	$0.06934
					S	50,000 kWh < T	Import	$0.0726	$0.06918
					W	T < 2,000 kWh	Import	$0.0404	$0.03663
					W	2,000 kWh < T < 50,000 kWh	Import	$0.02219	$0.02126
					W	50,000 kWh < T	Import	$0.02203	$0.0211

2.1.5 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: Ameren-IL - DS-2 (Effective Date: 10/1/25)

Time Periods	Energy Use (kWh)	Charges			
Bill Ranges & Seasons	Total	Other	NBC	Energy	Total
1/1/2026 - 2/1/2026 W	978	$39	$0	$154	$192
2/1/2026 - 3/1/2026 W	919	$39	$0	$144	$183
3/1/2025 - 4/1/2025 W	945	$39	$0	$148	$187
4/1/2025 - 5/1/2025 W	793	$39	$0	$125	$163
5/1/2025 - 6/1/2025 W	809	$39	$0	$127	$166
6/1/2025 - 7/1/2025 S	1,740	$39	$0	$419	$458
7/1/2025 - 8/1/2025 S	3,146	$39	$0	$757	$796
8/1/2025 - 9/1/2025 S	2,148	$39	$0	$517	$556
9/1/2025 - 10/1/2025 S	1,334	$39	$0	$321	$360
10/1/2025 - 11/1/2025 W	971	$39	$0	$152	$191
11/1/2025 - 12/1/2025 W	755	$39	$0	$119	$157
12/1/2025 - 1/1/2026 W	956	$39	$0	$150	$189
Total	15,494	$463	-	$3,084	$3,547

2.1.6 New Electric Bill

Rate Schedule Option 1: Ameren-IL - DS-2 (Effective Date: 10/1/25)

Time Periods	Energy Use (kWh)	Charges			
Bill Ranges & Seasons	Total	Other	NBC	Energy	Total
1/1/2026 - 2/1/2026 W	68	$39	$0	$23	$62
2/1/2026 - 3/1/2026 W	-78	$39	$0	$6	$45
3/1/2025 - 4/1/2025 W	-385	$39	$0	$32	$7
4/1/2025 - 5/1/2025 W	-792	$39	$0	$79	$40
5/1/2025 - 6/1/2025 W	-923	$39	$0	$92	$53
6/1/2025 - 7/1/2025 S	-188	$39	$0	$7	$32
7/1/2025 - 8/1/2025 S	1,142	$39	$0	$293	$331
8/1/2025 - 9/1/2025 S	253	$39	$0	$85	$124
9/1/2025 - 10/1/2025 S	-224	$39	$0	$14	$24
10/1/2025 - 11/1/2025 W	-333	$39	$0	$28	$11
11/1/2025 - 12/1/2025 W	-211	$39	$0	$14	$25
12/1/2025 - 1/1/2026 W	186	$39	$0	$39	$77
Total	-1,485	$463	-	$292	$755

New Rate Schedule Option 2: Ameren-IL - DS-2 (Effective Date: 2/1/26)

Time Periods	Energy Use (kWh)	Charges			
Bill Ranges & Seasons	Total	Other	NBC	Energy	Total
1/1/2026 - 2/1/2026 W	68	$47	$0	$22	$69
2/1/2026 - 3/1/2026 W	-78	$47	$0	$5	$53
3/1/2025 - 4/1/2025 W	-385	$47	$0	$31	$17
4/1/2025 - 5/1/2025 W	-792	$47	$0	$75	$27
5/1/2025 - 6/1/2025 W	-923	$47	$0	$87	$40
6/1/2025 - 7/1/2025 S	-188	$47	$0	$7	$41
7/1/2025 - 8/1/2025 S	1,142	$47	$0	$283	$331
8/1/2025 - 9/1/2025 S	253	$47	$0	$83	$130
9/1/2025 - 10/1/2025 S	-224	$47	$0	$14	$34
10/1/2025 - 11/1/2025 W	-333	$47	$0	$27	$21
11/1/2025 - 12/1/2025 W	-211	$47	$0	$13	$34
12/1/2025 - 1/1/2026 W	186	$47	$0	$37	$84
Total	-1,485	$569	-	$305	$874

Annual Electricity Savings: $2,673

3.1 Cash Purchase

Assumptions and Key Financial Metrics

Discount Rate	5.0%	Federal Tax Rate	0.0%	State Tax Rate	0.0%
Average Annual Utility Escalation	6.0%	PV Generation (kWh/kW-DC)	1,343 kWh/kW-DC	Average PV Degradation Rate	0.50%
Average ESS Degradation Rate	5.00%				

Years	Project Costs	Electric Bill Savings	Direct Pay ITC	Illinois ABP Incentive	SMART Inverter Rebate	ICC Virtual Power Plant Rebate	Total Cash Flow	Cumulative Cash Flow
Upfront	-$87,290	-	-	-	-	-	-$87,290	-$87,290
1	-	$2,673	$43,645	$13,374	$9,714	$4,850	$74,256	-$13,034
2	-	$2,808	-	-	-	-	$2,808	-$10,226
3	-	$2,949	-	-	-	-	$2,949	-$7,277
4	-	$3,098	-	-	-	-	$3,098	-$4,179
5	-	$3,253	-	-	-	-	$3,253	-$926
6	-	$3,416	-	-	-	-	$3,416	$2,490
7	-	$3,587	-	-	-	-	$3,587	$6,076
8	-	$3,766	-	-	-	-	$3,766	$9,842
9	-	$3,953	-	-	-	-	$3,953	$13,795
10	-	$4,149	-	-	-	-	$4,149	$17,945
11	-	$4,355	-	-	-	-	$4,355	$22,300
12	-	$4,571	-	-	-	-	$4,571	$26,871
13	-	$4,797	-	-	-	-	$4,797	$31,667
14	-	$5,033	-	-	-	-	$5,033	$36,700
15	-	$5,280	-	$836	-	-	$6,116	$42,816
16	-	$5,969	-	-	-	-	$5,969	$48,785
17	-	$6,266	-	-	-	-	$6,266	$55,050
18	-	$6,577	-	-	-	-	$6,577	$61,627
19	-	$6,902	-	-	-	-	$6,902	$68,529
20	-	$7,244	-	-	-	-	$7,244	$75,773
Totals:	-$87,290	$90,644	$43,645	$14,210	$9,714	$4,850	$75,773	-

4.1 Cash Purchase

Assumptions and Key Financial Metrics

Discount Rate	5.0%	Federal Tax Rate	0.0%	State Tax Rate	0.0%
Average Annual Utility Escalation	6.0%	PV Generation (kWh/kW-DC)	1,343 kWh/kW-DC	Average PV Degradation Rate	0.50%
Average ESS Degradation Rate	5.00%				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Cash															
Project Costs	-$87,290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	$2,673	$2,808	$2,949	$3,098	$3,253	$3,416	$3,587	$3,766	$3,953	$4,149	$4,355	$4,571	$4,797	$5,033
Direct Pay ITC	-	$43,645	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois ABP Incentive	-	$13,374	-	-	-	-	-	-	-	-	-	-	-	-	-
SMART Inverter Rebate	-	$9,714	-	-	-	-	-	-	-	-	-	-	-	-	-
ICC Virtual Power Plant Rebate	-	$4,850	-	-	-	-	-	-	-	-	-	-	-	-	-
Cash Total	-$87,290	$74,256	$2,808	$2,949	$3,098	$3,253	$3,416	$3,587	$3,766	$3,953	$4,149	$4,355	$4,571	$4,797	$5,033
Total Cash Flow	-$87,290	$74,256	$2,808	$2,949	$3,098	$3,253	$3,416	$3,587	$3,766	$3,953	$4,149	$4,355	$4,571	$4,797	$5,033
Cumulative Cash Flow	-$87,290	-$13,034	-$10,226	-$7,277	-$4,179	-$926	$2,490	$6,076	$9,842	$13,795	$17,945	$22,300	$26,871	$31,667	$36,700

4.1 Cash Purchase

Assumptions and Key Financial Metrics

Discount Rate	5.0%	Federal Tax Rate	0.0%	State Tax Rate	0.0%
Average Annual Utility Escalation	6.0%	PV Generation (kWh/kW-DC)	1,343 kWh/kW-DC	Average PV Degradation Rate	0.50%
Average ESS Degradation Rate	5.00%				

Years	15	16	17	18	19	20	Totals
Cash							
Project Costs	-	-	-	-	-	-	-$87,290
Electric Bill Savings	$5,280	$5,969	$6,266	$6,577	$6,902	$7,244	$90,644
Direct Pay ITC	-	-	-	-	-	-	$43,645
Illinois ABP Incentive	$836	-	-	-	-	-	$14,210
SMART Inverter Rebate	-	-	-	-	-	-	$9,714
ICC Virtual Power Plant Rebate	-	-	-	-	-	-	$4,850
Cash Total	$6,116	$5,969	$6,266	$6,577	$6,902	$7,244	$75,773
Total Cash Flow	$6,116	$5,969	$6,266	$6,577	$6,902	$7,244	$75,773
Cumulative Cash Flow	$42,816	$48,785	$55,050	$61,627	$68,529	$75,773	-

5 Solar Insure Warranty

StraightUp SOLAR

Prepared For

Nokomis Public Library
(844) 394-0344
jake.leonard@heartlandmediagroupilm

Our Mission:

StraightUp Solar empowers communities to create a sustainable future through lasting partnerships that provide Missouri & Illinois' premier solar integrations and customer service at a competitive price.

NABCEP CERTIFIED PV Installation Professional

Design #1

Prepared By

4/10/2026

Tisha Kosco
618-415-0276
tisha.kosco@straightupsolar.com

AMICUS SOLAR COOPERATIVE STRONGER TOGETHER.

MOSEIA Missouri Solar Energy Industries Association

isea illinois solar energy association

Certified B Corporation

1 PV System Layout

This solar layout was created based on satellite imagery. When you move forward with StraightUp Solar, our technical design and engineering team will conduct a site visit, then create a design package that will be submitted to your utility and the permitting authorities. Based on product availability and engineering review, equipment type and/or quantity may be adjusted.

General Information

Facility: Default Meter #1
Address: 100 N Spruce St Nokomis IL 62075

Solar PV System Rating

Power Rating: 12,980 W-DC
Power Rating: 10,000.0 W-AC

Solar PV Equipment Description

Solar Panels:	(22) Hanwha Q Cells Q.PEAK DUO XL-G11.2 590
Inverters:	(1) SolarEdge SE10KUS (USE-SIN-USR0IBNS6) – Domestic Content

Solar PV Equipment Typical Lifespan

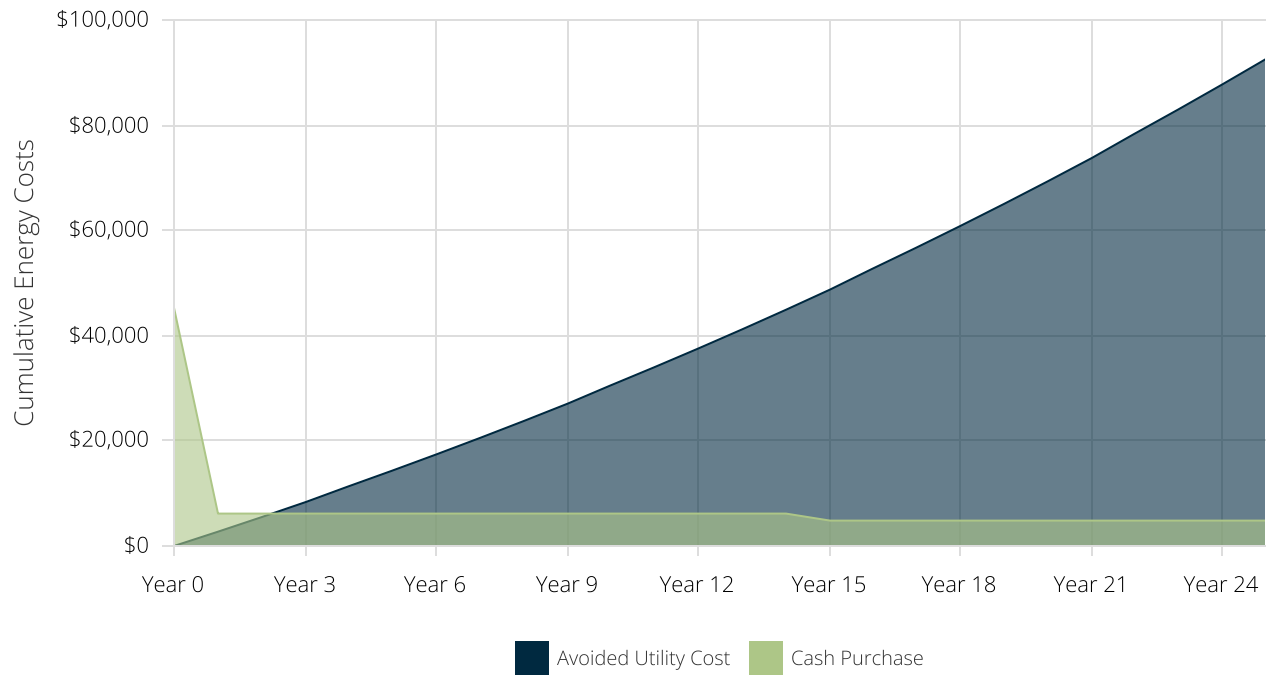
Solar Panels:	Greater than 30 Years
Inverters:	12 Years

2 Project Summary

Payment Options	Cash Purchase
Total Payments	$43,750
Total Incentives	$38,922
Net Payments	$4,828
Payback Period	2.2 Years
Electric Bill Savings - Term	$92,592
LCOE PV Generation	$0.012 /kWh

Combined Solar PV Rating
Power Rating: 12,980 W-DC
Power Rating: 11,306 W-AC-CEC

Cumulative Energy Costs By Payment Option



3.1.1 PV System Details

General Information

Facility: Default Meter #1

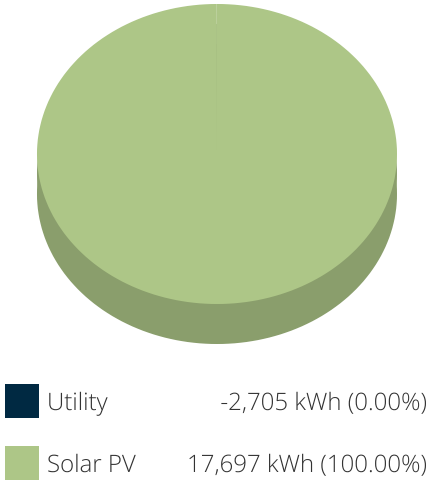
Address: 100 N Spruce St Nokomis IL 62075

Solar PV System Cost and Incentives

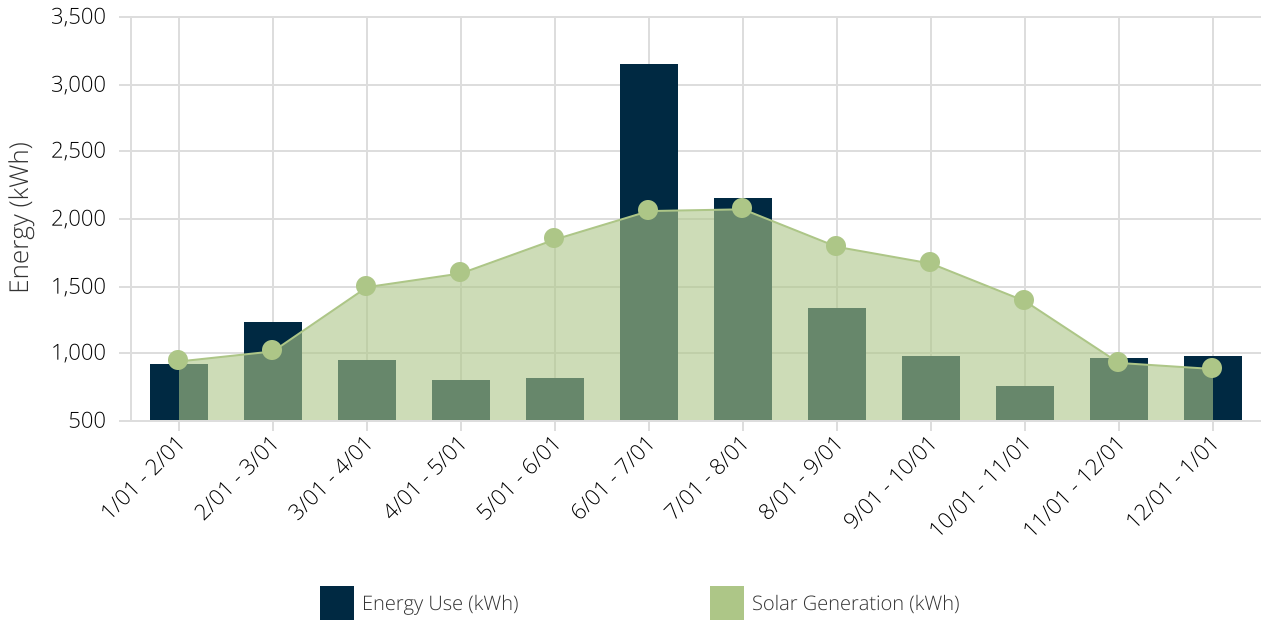
Solar PV System Cost	$43,750
SREC Payment(s)	-$13,353
SREC Collateral Returned in Y15	-$1,335
SMART Inverter Rebate	-$3,894
Federal ITC	-$21,875
[Year 0 SREC Application Fee: $20/kWac] Commercial Only	$200
[Year 0 Collateral/Bond Owed:]	$1,335
Net Solar PV System Cost	**$4,828**

Energy Consumption Mix

Annual Energy Use: 14,992 kWh



Monthly Energy Use vs Solar Generation



3.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

Illinois Smart Inverter Rebate - 2023

Rebate Applicable to Participating IL Utilities. Customers receiving service under rate schedules DS-1 (Residential) & DS-2 (Small Commercial) the rebate for inverters used to interconnect generators are $300/KW-PV DC. For Customer receiving service under rate schedules DS-3, DS-4 and DS-6 (Large Commercial & Industrial) the rebate for inverters used to interconnect generators are $250/KW-PV DC Is available to both customers with existing generation and/or ESS at their home/business and to customers who will be installing that equipment in the future. Applicability For Other Participating Utilities May Not Be Specific to Rate Tariffs. There is a limit of 5mW AC for the rebate application

Total Incentive Value: $3,894

[SMALL DG] ABP Incentive < 25 kW AC [Year 1 Payment]

MODELED SREC INCENTIVE WAS CALCULATED WITH AN ESTIMATED/UNOFFICIAL SREC PRICE NOTE: Procurement Year 24/25 SREC prices will not be published until June 1st, 2024 For systems up to and including 25 kW AC, the SREC purchase price will be paid in one payment to the customer within approximately 120 days after the PV system has produced its first 1000 kWh of energy (which is equal to 1 REC). Systems larger than 25 kW AC will receive SREC payments according to a slightly different schedule, which is 15% of the REC purchase price within approximately 120 days after the PV system has produced its first 1000 kwh (1 REC), and the 85% balance will be paid quarterly over the following 6 years.

Total Incentive Value: $13,353

Investment Tax Credit (ITC) - 30% (with Adders)

A federal Investment Tax Credit (ITC) for Photovoltaic (PV) projects at a rate of 30% of the total PV system cost. Unlike tax deductions, this tax credit can be used to directly offset your tax liability dollar for dollar. The PV ITC allows a carryback period of 3 years, and the carryforward period of 22 years, in cases where the tax credit exceeds a customer's tax liability in the 'placed-in-service' year.
For PV projects greater than 1 MW AC in size, prevailing wage and apprenticeship requirements take effect in order to qualify for the full 30% "increased rate", rather than a "base rate" which would only qualify for a 6% ITC. Projects with an output of less than 1 megawatt qualify for the "increased rate" irrespective of if prevailing wage or apprenticeship requirements are met.
In addition to the 30% ITC, three different types of ITC "Adders", which provide additional tax credits of up to 10% each, for projects that meet specified requirements. (1) Energy Community. (2) Low-income. (3) Domestic Content.

Total Incentive Value: $21,875

[Year 0 SREC Application Fee: $20/kWac] Commercial Only

All non-residential solar clients participating in the Illinois Shines SREC Program are invoiced $20/kWac at the time of their SREC Application Submission. This is a fee that is charged in order for the SREC application to be submitted. It is required for the project to be eligible for the SREC incentive.

Total Incentive Value: ($200)

[Year 15 Collateral/Bond Payment:]

The 5% collateral/bond that was paid in Year 0 is returned as a payment to the Client in Year 15 (since that is when the SREC Contract term is complete).

Total Incentive Value: $1,335

[Year 0 Collateral/Bond Owed:]

All non-residential solar clients participating in the Illinois Shines SREC Program are invoiced 5% of their Total SREC Contract Value at the time of their SREC Application Submission. This amount is is returned as a payment to the Client in the 15th year when the SREC Contract term is complete.

Total Incentive Value: ($1,335)

3.1.3 Utility Rates

The table below shows the rates associate with your current utility rate schedule (DS-1). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges			
Season	Charge Type	Rate Type	DS-1	Season	Charge Type	Rate Type	DS-1
S	Flat Rate	per billing period	$13.56	S	Flat Rate	Import	$0.0382
W	Flat Rate	per billing period	$13.56	W	Flat Rate	Import	$0.0382
				S	T < 800 kWh	Import	$0.18311
				S	800 kWh < T < 2,000 kWh	Import	$0.18311
				S	2,000 kWh < T < 50,000 kWh	Import	$0.183
				S	50,000 kWh < T	Import	$0.18284
				W	T < 800 kWh	Import	$0.10681
				W	800 kWh < T < 2,000 kWh	Import	$0.07826
				W	2,000 kWh < T < 50,000 kWh	Import	$0.07815
				W	50,000 kWh < T	Import	$0.07799

3.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: Ameren-IL - DS-1

Time Periods	Energy Use (kWh)	Charges		
Bill Ranges & Seasons	Total	Other	Energy	Total
1/1/2026 - 2/1/2026 W	919	$14	$130	$143
2/1/2026 - 3/1/2026 W	1,235	$14	$167	$180
3/1/2026 - 4/1/2026 W	945	$14	$133	$146
4/1/2025 - 5/1/2025 W	793	$14	$115	$129
5/1/2025 - 6/1/2025 W	809	$14	$117	$131
6/1/2025 - 7/1/2025 S	3,146	$14	$696	$710
7/1/2025 - 8/1/2025 S	2,148	$14	$475	$489
8/1/2025 - 9/1/2025 S	1,334	$14	$295	$309
9/1/2025 - 10/1/2025 S	971	$14	$215	$228
10/1/2025 - 11/1/2025 W	755	$14	$109	$123
11/1/2025 - 12/1/2025 W	959	$14	$135	$148
12/1/2025 - 1/1/2026 W	978	$14	$137	$150
Total	14,992	$163	$2,724	$2,886

3.1.5 New Electric Bill

Rate Schedule: Ameren-IL - DS-1

Time Periods	Energy Use (kWh)	Charges		
Bill Ranges & Seasons	Total	Other	Energy	Total
1/1/2026 - 2/1/2026 W	-23	$14	$3	$10
2/1/2026 - 3/1/2026 W	218	$14	$32	$45
3/1/2026 - 4/1/2026 W	-549	$14	$80	$66
4/1/2025 - 5/1/2025 W	-803	$14	$116	$103
5/1/2025 - 6/1/2025 W	-1,039	$14	$144	$130
6/1/2025 - 7/1/2025 S	1,087	$14	$241	$254
7/1/2025 - 8/1/2025 S	76	$14	$17	$30
8/1/2025 - 9/1/2025 S	-459	$14	$102	$88
9/1/2025 - 10/1/2025 S	-698	$14	$154	$141
10/1/2025 - 11/1/2025 W	-635	$14	$92	$79
11/1/2025 - 12/1/2025 W	28	$14	$4	$18
12/1/2025 - 1/1/2026 W	92	$14	$13	$27
Total	-2,705	$163	-	$163

Annual Electricity Savings: $2,724

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	22.7%	Net Present Value	$41,739	Payback Period	2.2 Years
PV Degradation Rate	0.50%	Discount Rate	5.0%	Energy Cost Escalation Rate	3.0%
Federal Income Tax Rate	30.0%	State Income Tax Rate	8.0%	Total Project Costs	$43,750

Years	Project Costs	Electric Bill Savings	SMART Inverter Rebate	SREC Payment(s)	[Year 0 SREC Application Fee: $20/kWac] Commercial Only	SREC Collateral Returned in Y15	[Year 0 Collateral/Bond Owed:]	PV Generation (kWh)	Federal Tax Effect	Total Cash Flow	Cumulative Cash Flow
Upfront	-$43,750	-	-	-	-$200	-	-$1,335	-	-	-$45,285	-$45,285
1	-	$2,724	$3,894	$13,353	-	-	-	17,696	$21,875	$41,846	-$3,439
2	-	$2,791	-	-	-	-	-	17,607	-	$2,791	-$648
3	-	$2,861	-	-	-	-	-	17,519	-	$2,861	$2,213
4	-	$2,932	-	-	-	-	-	17,430	-	$2,932	$5,145
5	-	$3,004	-	-	-	-	-	17,342	-	$3,004	$8,149
6	-	$3,079	-	-	-	-	-	17,253	-	$3,079	$11,228
7	-	$3,155	-	-	-	-	-	17,165	-	$3,155	$14,382
8	-	$3,233	-	-	-	-	-	17,077	-	$3,233	$17,615
9	-	$3,312	-	-	-	-	-	16,988	-	$3,312	$20,927
10	-	$3,394	-	-	-	-	-	16,900	-	$3,394	$24,321
11	-	$3,477	-	-	-	-	-	16,811	-	$3,477	$27,799
12	-	$3,563	-	-	-	-	-	16,723	-	$3,563	$31,362
13	-	$3,650	-	-	-	-	-	16,634	-	$3,650	$35,012
14	-	$3,740	-	-	-	-	-	16,546	-	$3,740	$38,752
15	-	$3,832	-	-	-	$1,335	-	16,457	-	$5,167	$43,919
16	-	$3,925	-	-	-	-	-	16,369	-	$3,925	$47,844
17	-	$4,021	-	-	-	-	-	16,280	-	$4,021	$51,865
18	-	$4,119	-	-	-	-	-	16,192	-	$4,119	$55,985
19	-	$4,220	-	-	-	-	-	16,103	-	$4,220	$60,204
20	-	$4,322	-	-	-	-	-	16,015	-	$4,322	$64,527
21	-	$4,427	-	-	-	-	-	15,926	-	$4,427	$68,954
22	-	$4,535	-	-	-	-	-	15,838	-	$4,535	$73,489
23	-	$4,645	-	-	-	-	-	15,749	-	$4,645	$78,134
24	-	$4,757	-	-	-	-	-	15,661	-	$4,757	$82,891
25	-	$4,872	-	-	-	-	-	15,572	-	$4,872	$87,764
Totals:	-$43,750	$92,592	$3,894	$13,353	-$200	$1,335	-$1,335	415,853	$21,875	$87,764	-

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	22.7%	Net Present Value	$41,739	Payback Period	2.2 Years
PV Degradation Rate	0.50%	Discount Rate	5.0%	Energy Cost Escalation Rate	3.0%
Federal Income Tax Rate	30.0%	State Income Tax Rate	8.0%	Total Project Costs	$43,750

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11
Cash												
Project Costs	-$43,750	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	$2,724	$2,791	$2,861	$2,932	$3,004	$3,079	$3,155	$3,233	$3,312	$3,394	$3,477
SMART Inverter Rebate	-	$3,894	-	-	-	-	-	-	-	-	-	-
SREC Payment(s)	-	$13,353	-	-	-	-	-	-	-	-	-	-
[Year 0 SREC Application Fee: $20/kWac] Commercial Only	-$200	-	-	-	-	-	-	-	-	-	-	-
SREC Collateral Returned in Y15	-	-	-	-	-	-	-	-	-	-	-	-
[Year 0 Collateral/Bond Owed:]	-$1,335	-	-	-	-	-	-	-	-	-	-	-
Cash Total	-$45,285	$19,971	$2,791	$2,861	$2,932	$3,004	$3,079	$3,155	$3,233	$3,312	$3,394	$3,477
Federal Taxes												
Federal ITC	-	$21,875	-	-	-	-	-	-	-	-	-	-
Change in Federal Tax Liability	-	$21,875	-	-	-	-	-	-	-	-	-	-
Total Cash Flow	-$45,285	$41,846	$2,791	$2,861	$2,932	$3,004	$3,079	$3,155	$3,233	$3,312	$3,394	$3,477
Cumulative Cash Flow	-$45,285	-$3,439	-$648	$2,213	$5,145	$8,149	$11,228	$14,382	$17,615	$20,927	$24,321	$27,799

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	22.7%	Net Present Value	$41,739	Payback Period	2.2 Years
PV Degradation Rate	0.50%	Discount Rate	5.0%	Energy Cost Escalation Rate	3.0%
Federal Income Tax Rate	30.0%	State Income Tax Rate	8.0%	Total Project Costs	$43,750

Years	12	13	14	15	16	17	18	19	20	21	22
Cash											
Project Costs	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	$3,563	$3,650	$3,740	$3,832	$3,925	$4,021	$4,119	$4,220	$4,322	$4,427	$4,535
SMART Inverter Rebate	-	-	-	-	-	-	-	-	-	-	-
SREC Payment(s)	-	-	-	-	-	-	-	-	-	-	-
[Year 0 SREC Application Fee: $20/kWac] Commercial Only	-	-	-	-	-	-	-	-	-	-	-
SREC Collateral Returned in Y15	-	-	-	$1,335	-	-	-	-	-	-	-
[Year 0 Collateral/Bond Owed:]	-	-	-	-	-	-	-	-	-	-	-
Cash Total	$3,563	$3,650	$3,740	$5,167	$3,925	$4,021	$4,119	$4,220	$4,322	$4,427	$4,535
Federal Taxes											
Federal ITC	-	-	-	-	-	-	-	-	-	-	-
Change in Federal Tax Liability	-	-	-	-	-	-	-	-	-	-	-
Total Cash Flow	$3,563	$3,650	$3,740	$5,167	$3,925	$4,021	$4,119	$4,220	$4,322	$4,427	$4,535
Cumulative Cash Flow	$31,362	$35,012	$38,752	$43,919	$47,844	$51,865	$55,985	$60,204	$64,527	$68,954	$73,489

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	22.7%	Net Present Value	$41,739	Payback Period	2.2 Years
PV Degradation Rate	0.50%	Discount Rate	5.0%	Energy Cost Escalation Rate	3.0%
Federal Income Tax Rate	30.0%	State Income Tax Rate	8.0%	Total Project Costs	$43,750

Years	23	24	25	Totals
Cash				
Project Costs	-	-	-	-$43,750
Electric Bill Savings	$4,645	$4,757	$4,872	$92,592
SMART Inverter Rebate	-	-	-	$3,894
SREC Payment(s)	-	-	-	$13,353
[Year 0 SREC Application Fee: $20/kWac] Commercial Only	-	-	-	-$200
SREC Collateral Returned in Y15	-	-	-	$1,335
[Year 0 Collateral/Bond Owed:]	-	-	-	-$1,335
Cash Total	$4,645	$4,757	$4,872	$65,889
Federal Taxes				
Federal ITC	-	-	-	$21,875
Change in Federal Tax Liability	-	-	-	$21,875
Total Cash Flow	$4,645	$4,757	$4,872	$87,764
Cumulative Cash Flow	$78,134	$82,891	$87,764	-