

Welcome to Our Solar Power Hour!



GROW SOLAR

METRO EAST

- Introduction to Zoom
- Sign up for a free site assessment by following the link in the chat



GROW SOLAR

METRO EAST



Illinois Power Agency Consumer Protection Brochure



Illinois Shines and the Adjustable Block Program are administered by InClime, Inc. on behalf of the Illinois Power Agency, an independent state government agency.

What is Illinois Shines?¹

Illinois Shines is the brand name of the **Adjustable Block Program**, a state-administered program for new solar photovoltaic ("PV") systems. The 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.

What are RECs and why are they valuable?

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. RECs can also be valuable to businesses seeking to be able to say that they use solar power.

A home PV system might generate 50-200 RECs over 15 years. By participating in Illinois Shines, you will transfer the RECs from your PV system to an Illinois electric utility. Selling your RECs will not affect your PV system's production.

For more information on RECs, see a video at vimeo.com/113250210.

Do you have to allow your RECs to be sold in order to go solar?

Although you can keep your RECs or sell them to someone besides utilities, participating in Illinois Shines and thus allowing your RECs to be sold to a utility is likely to be your best financial option. Selling your RECs through this program will make it more likely that your PV system will save you money.



What information will you receive before you sign an installation contract?

Your contractor is required to provide you with an **Illinois Shines Standard Disclosure Form**. It includes contact information for everyone who has a part in your solar contract, information about the installation process, and an estimate of your system's costs and how much money you may save. Review this form carefully.

What are the financing and ownership options when installing solar?

The most common options are 1) buying the system, 2) leasing the system, or 3) signing a Power Purchase Agreement ("PPA"). If you lease or sign a PPA, you don't own the system, but you get many of the benefits. For more information, see www.cesa.org/resource-library/resource/a-homeowners-guide-to-solar-financing-leases-loans-and-ppas.

When deciding on the best option for you, consider:

- If you're buying the system, how much will it cost? Will you take out a loan to pay for it? How do the loan payments compare to projected reductions in your monthly electric bill?
- If you're leasing, how much is your monthly lease payment? How does that compare to projected reductions in your monthly electric bill? Do you have to put money down at the start?
- If you're signing a PPA, how much is the per kilowatt hour price for the energy produced? How does that compare to your current electricity rate? Do you have to put money down at the start?
- Does your lease or PPA include an escalation clause that increases the amount of payments over time? If so, by how much do payments increase?

If you get solar panels, are you guaranteed to save money?

You are not guaranteed to save money unless your contract includes an explicit guarantee. The questions below will affect whether you save money.² You can answer some questions yourself, while others can be answered by your installer or sales agent.

• What per kilowatt-hour rate are you currently paying for electricity?

The higher the electricity rate before you go solar, the more money you can potentially save.

• Is your roof good for solar?

The direction your roof faces and how much shade it gets will affect how much electricity roof-mounted PV will generate. The roof's condition should also be considered.

• How much electricity will the system generate?

If your system produces more electricity than you use over an annual period, you may not receive credit for all the electricity generated.

• How much money will you receive for RECs?

The Approved Vendor will be paid by a utility for your system's RECs and may use some of that money to reduce your cost of going solar.

• Can you use the federal Investment Tax Credit?

If you buy your system, you may qualify for a substantial federal income tax credit. Consult your tax adviser.

• How long do you expect to stay in your home or business location?

If you lease or sign a PPA, you may be required to buy out the contract if you move. Read your contract to find out what happens if you move.

What is net metering and how do you enroll?

Net metering measures the electricity your PV system produces and credits you for it on your electric bill. If you



buy electricity from your utility (e.g., basic service or hourly pricing), you must contact the utility to enroll in net metering. If you buy electricity from a Retail Electric Supplier (e.g., through municipal aggregation or an individual contract), you must contact the supplier to enroll in net metering. If you later change your electricity supplier, you will need to re-enroll in net metering with your new supplier. Failure to enroll or re-enroll may significantly impact the value you receive from your PV system.

Consumer rights

For your PV system to participate in Illinois Shines, an Approved Vendor will submit your PV system for application to the program. (The Approved Vendor will be identified on the Standard Disclosure Form you receive.) If the application is approved and after the system starts operating, the Approved Vendor will receive payments for the first 15 years of your system's RECs. **You have a right to request information** about your system's application status and how

much a utility is paying for its RECs. Some of that information will be on the Standard Disclosure Form. The Approved Vendor must respond to issues related to ensuring that your PV system is generating electricity and producing RECs. Only companies that are Approved Vendors can submit your system to participate in the program.

Complaint procedures

If you have a problem related to your PV system or the sales process, **first try to resolve it with your installer or the Approved Vendor**. If you can't agree about how to solve the problem, you may **contact the Illinois Shines/Adjustable Block Program Administrator** by emailing admin@illinoisshines.com or by calling 877-783-1820.

If you have been subject to fraudulent or deceptive sales practices, the Illinois Attorney General's Consumer Protection Division may be able to help. Customers can contact it at:

Chicago
800-386-5438 | TTY: 800-964-3013

Springfield
800-243-0618 | TTY: 877-844-5461

Carbondale
800-243-0607 | TTY: 877-675-9339

Spanish Language
866-310-6398



For more information, go to www.Illinoisshines.com

Going solar is a major decision, so exercise the same caution you would when making other major consumer decisions. It is good to get quotes from at least three contractors and to check references. Also, make sure to read and understand the entire contract before signing it.

¹ This brochure is designed primarily for customers of Ameren Illinois Company, Commonwealth Edison Company, and MidAmerican Energy Company. For consumers in electric cooperative, municipal utility, or Mt. Carmel Public Utility territories, some policies—such as net metering—may vary. Contact those utilities for details.

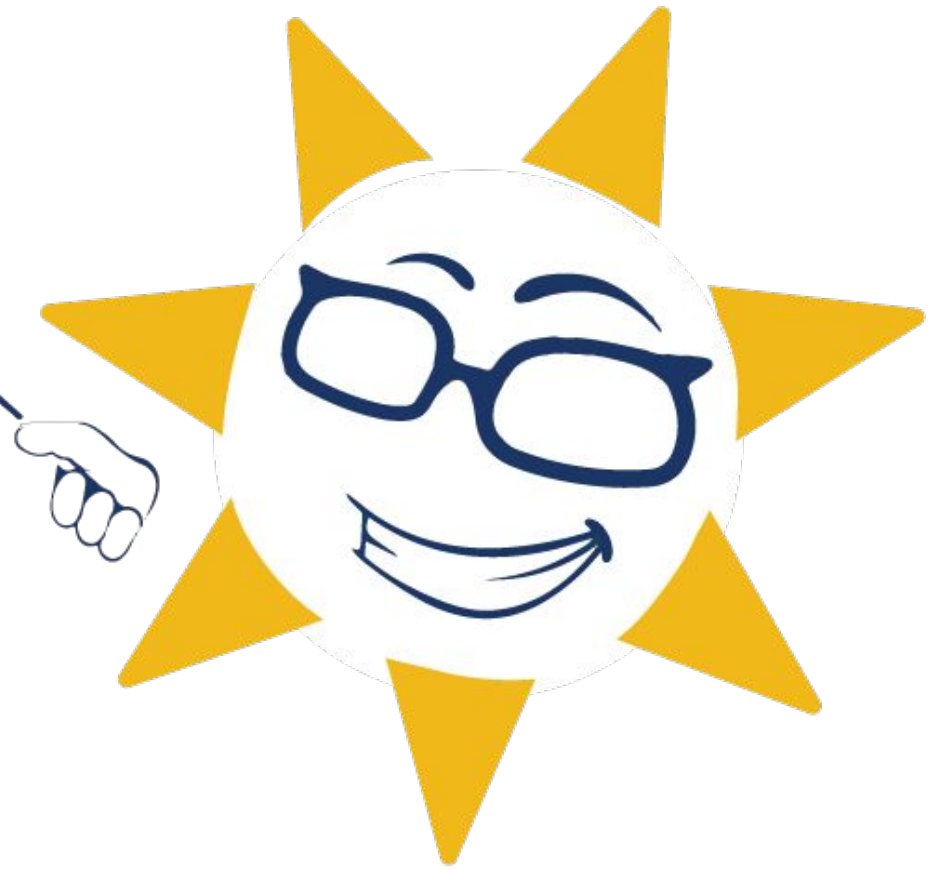
² Commercial and multi-family residential buildings may be eligible for a rebate for a smart inverter. See <https://illinoisolar.org/blog/6172611>; also see www.comced.com/SmartEnergy/InnovationTechnology/Pages/DGRbate.aspx and www.ameren.com/illinois/electric-choice/renewables/distributed-generation.



GROW SOLAR

METRO EAST

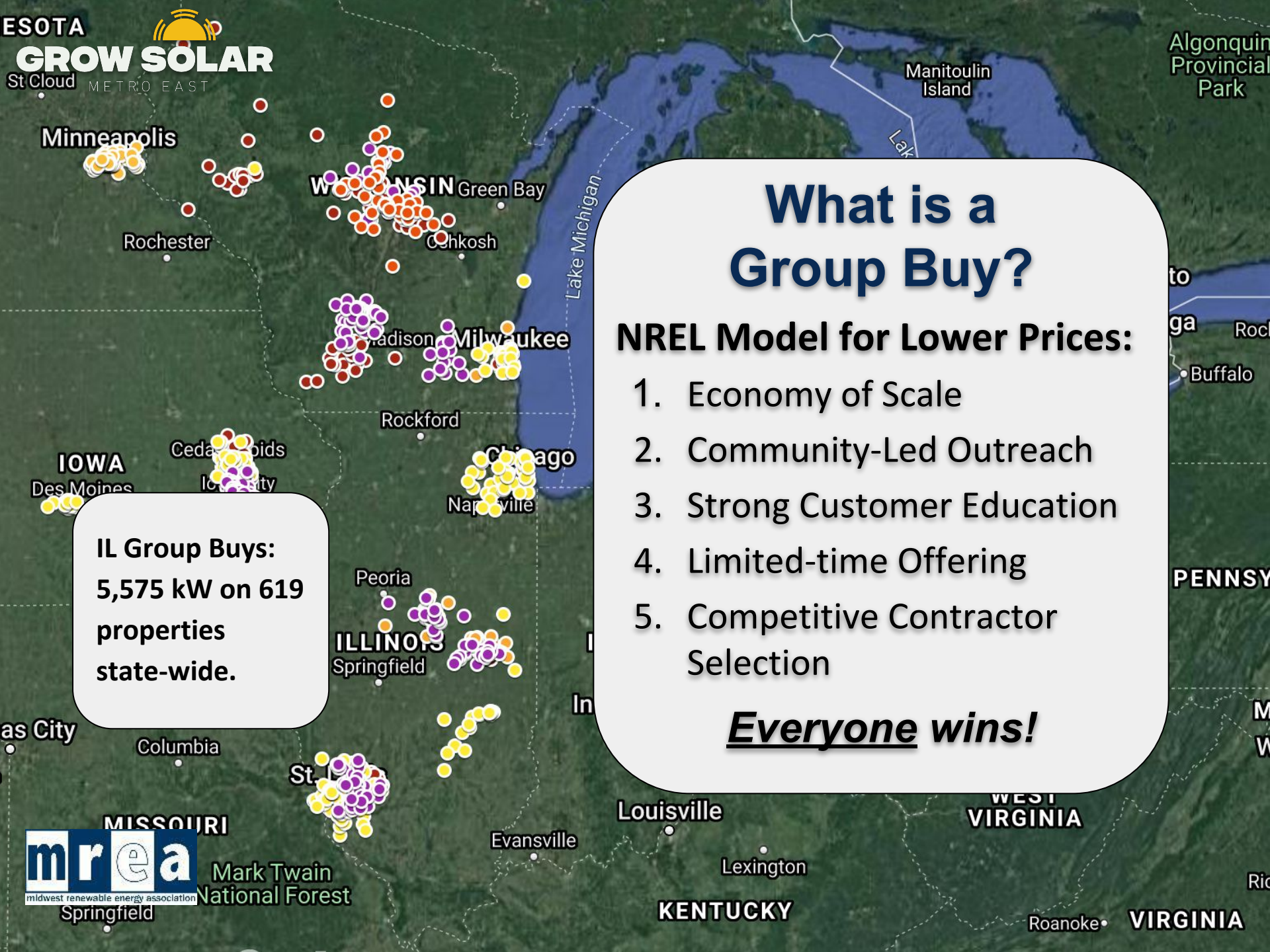
**It's time
for a
poll!**



Today's Agenda

- What is the GSME Group Buy Program?
- How does Solar Power work?
- Costs and cost-saving incentives
- How to begin your solar journey

> We hope to simplify a complex topic <



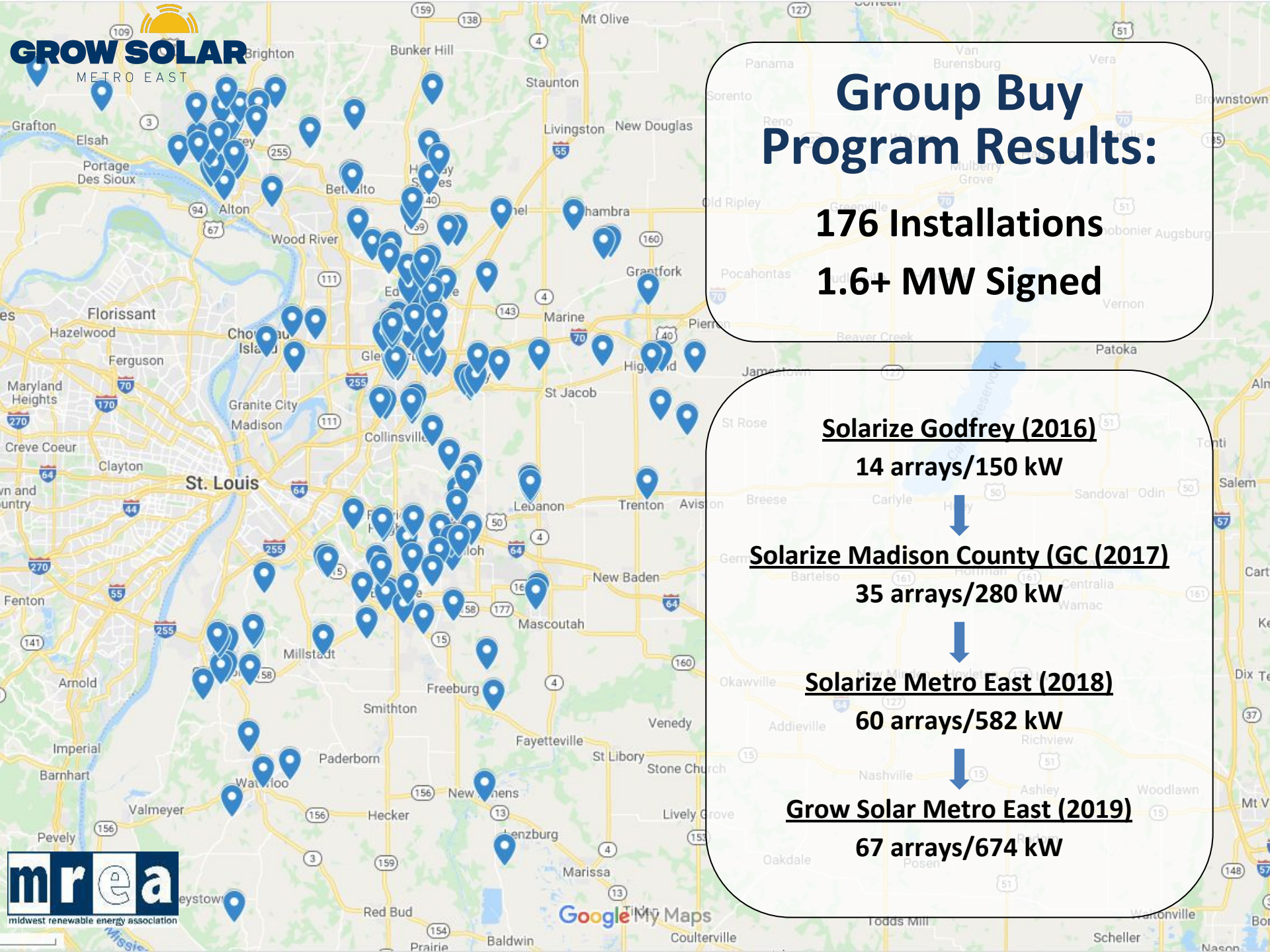
What is a Group Buy?

NREL Model for Lower Prices:

1. Economy of Scale
2. Community-Led Outreach
3. Strong Customer Education
4. Limited-time Offering
5. Competitive Contractor Selection

Everyone wins!

**IL Group Buys:
5,575 kW on 619
properties
state-wide.**



Group Buy Program Results:

176 Installations
1.6+ MW Signed

Solarize Godfrey (2016)

14 arrays/150 kW



Solarize Madison County (GC) (2017)

35 arrays/280 kW



Solarize Metro East (2018)

60 arrays/582 kW



Grow Solar Metro East (2019)

67 arrays/674 kW

Grow Solar Metro East Group Buy Program

- **30 Virtual Solar Power Hour** outreach sessions.
- Open to **Calhoun, Madison, Monroe** and **St. Clair County** residents, businesses, farms & nonprofits. **System sizes 3.8 - 35 kW DC.**
- **All-in Pricing**. Program pricing includes turnkey design, permitting, components, installation
- **Additional rebates** as more arrays are installed in Grow Solar territory
- **Deadline: August 31**
- **MO residents can participate in Grow Solar St. Louis**



About StraightUp Solar

- Founded in 2006
- Serves IL and MO
- Won 12 MREA group buy programs
- 1400+ installations
- Part of Amicus Solar Cooperative
- Certified B Corporation
- 75+ Employees with over 30% with NABCEP Certification
- Tesla Powerwall and REC Premium Installer
- 10-year workmanship and production warranty



How Does Solar Work?

Part 2 of 5



What's a Kilowatt (kW) and a Kilowatt Hour (kWh)?



KILOWATT HOUR (kWh)
a unit of energy used or produced. This is what shows up on your bill.



KILOWATT (kW)
a measurement of capacity: how big your array is.



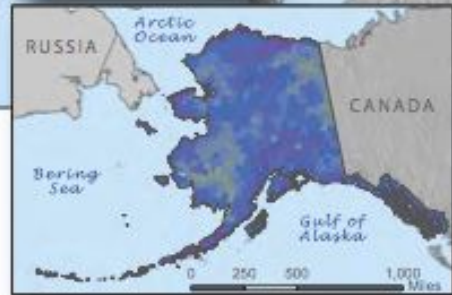
Every home's system size and energy use is different.

Photovoltaic Solar Resource : United States and Germany

GROW SOLAR
METRO EAST

Is there Enough Sunlight?

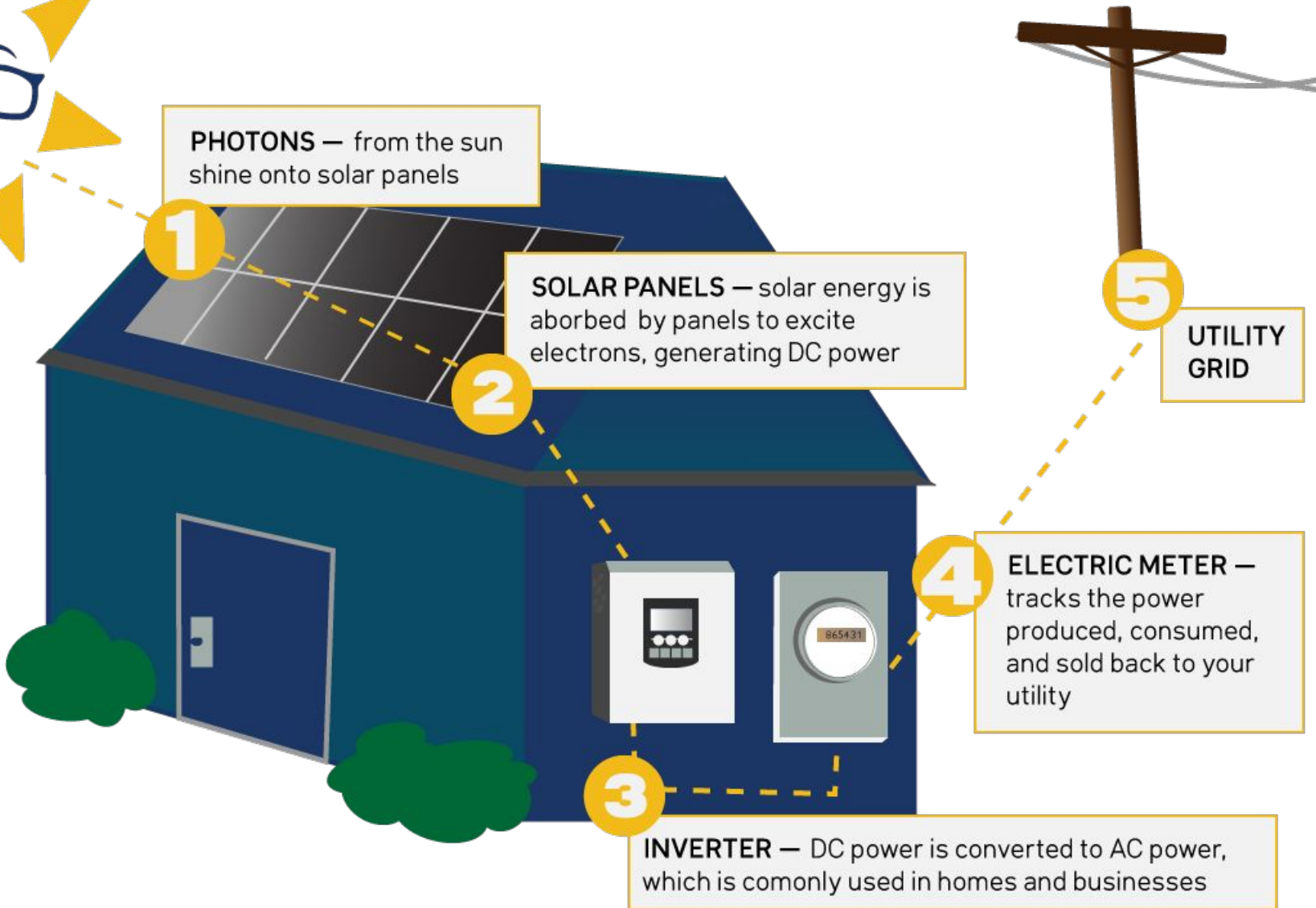
Metro East = 92% of Miami's Sunshine!



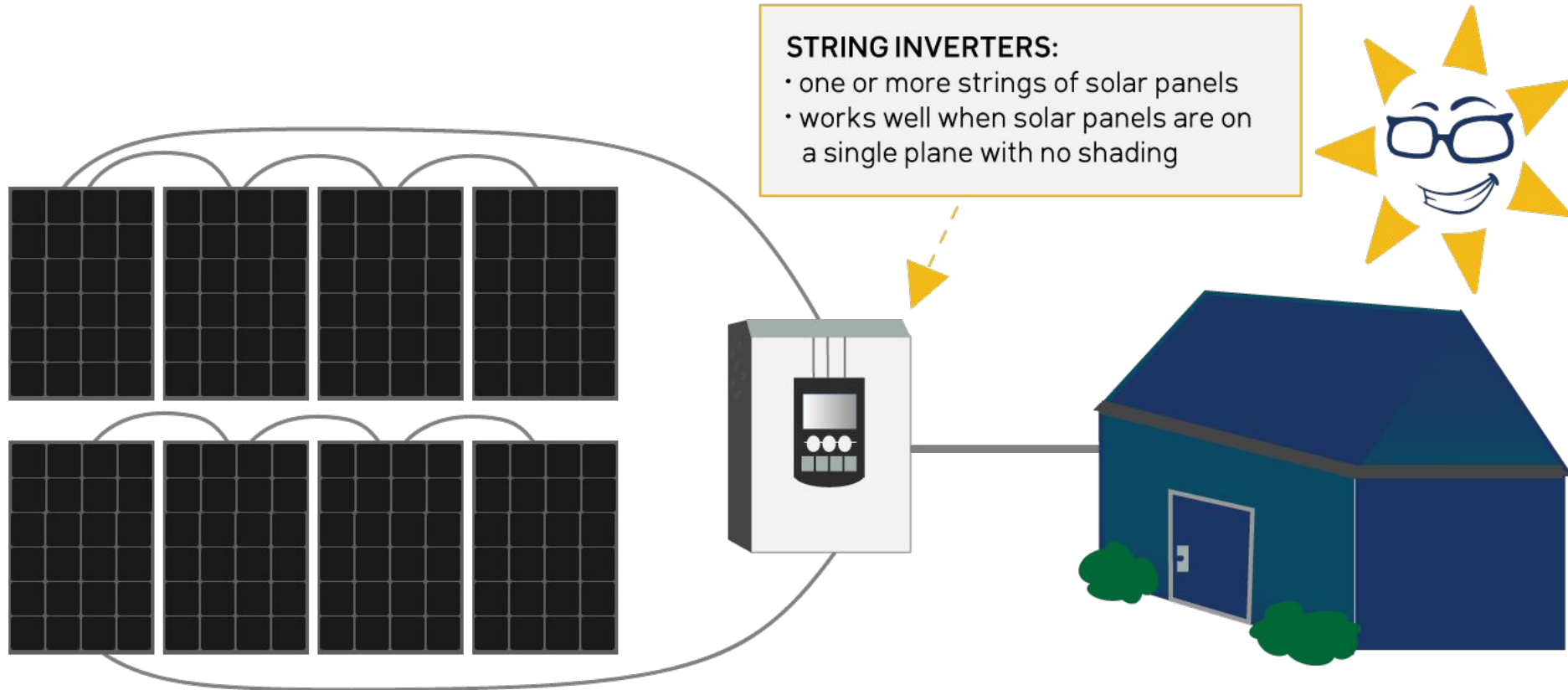
Annual average solar resource data are for a solar collector oriented toward the south at a tilt = local latitude. The data for Hawaii and the 48 contiguous states are derived from a model developed at SUNY/Albany using geostationary weather satellite data for the period 1998-2005. The data for Alaska are derived from a 40-km satellite and surface cloud cover database for the period 1985-1991 (NREL, 2003). The data for Germany were acquired from the Joint Research Centre of the European Commission and is the yearly sum of global irradiation on an optimally-inclined surface for the period 1981-1990.



How Solar Works...



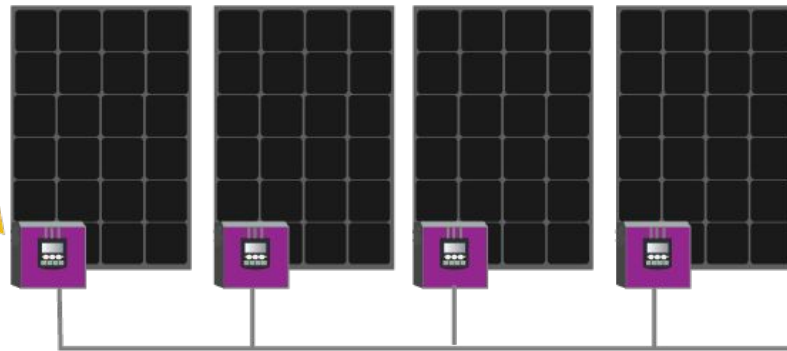
Inverter: The heart of the solar array



Inverter: The heart of the solar array

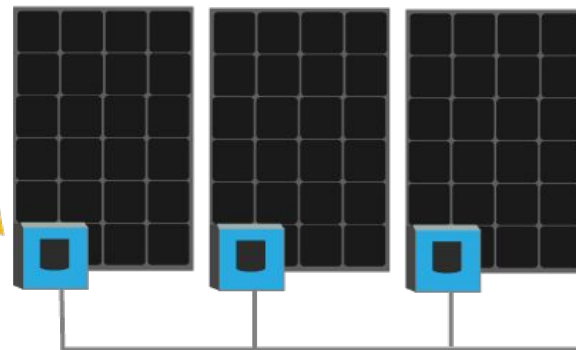
MICRO INVERTERS:

- one microinverter per panel
- function well on roofs with shade or multiple panel orientations



POWER OPTIMIZERS:

- one optimizer per panel, plus central string inverter
- function well on roofs with shade or multiple panel orientations





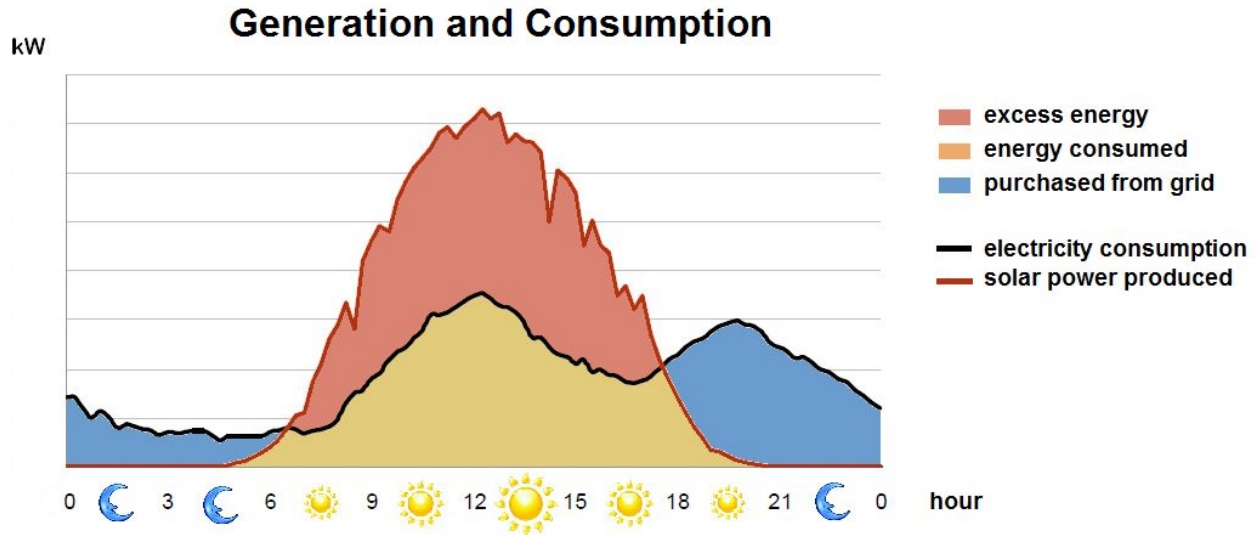
GROW SOLAR

METRO EAST

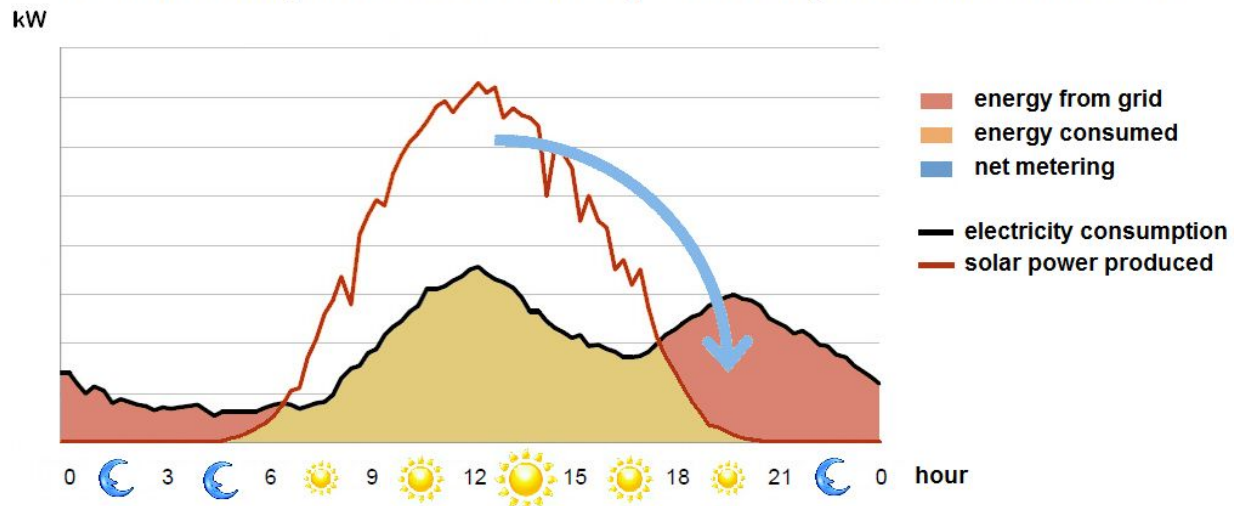
**“Grid-Tied”
“Net-Metered”**

~~Grid Off~~ = ~~Solar Off~~

"A Day in the Life" of a Grid-Tied/Net Metered Home

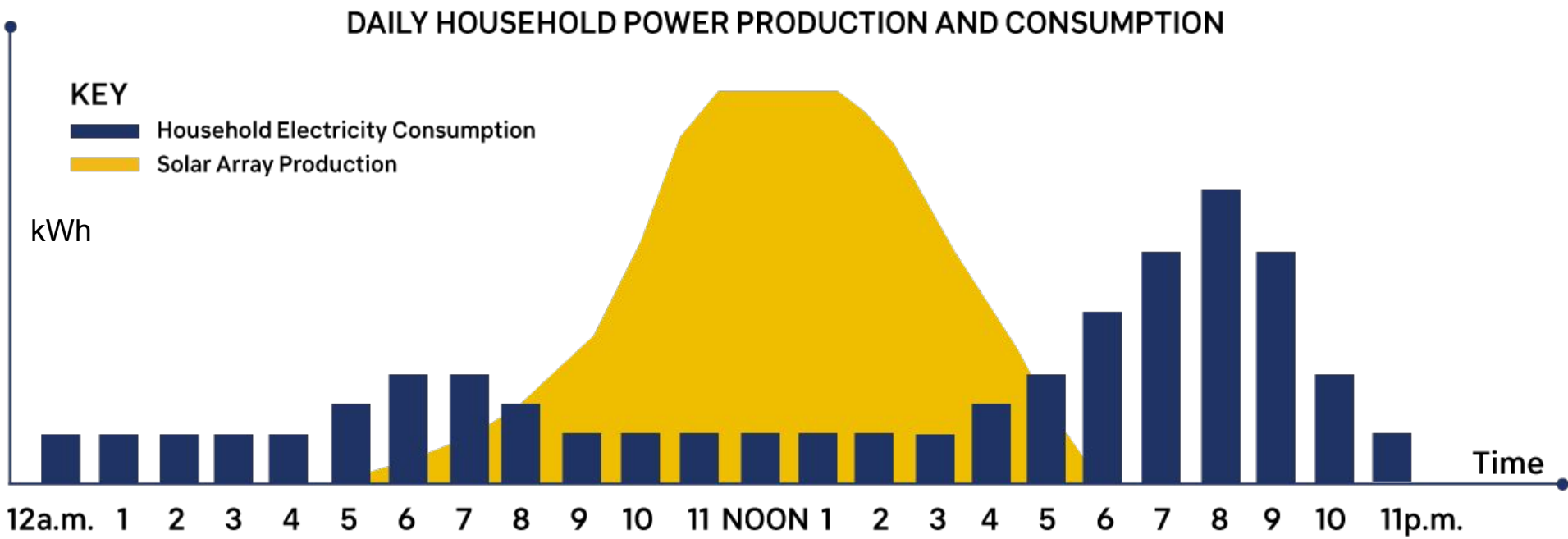


Net Metering Allows Electricity Consumption When Needed

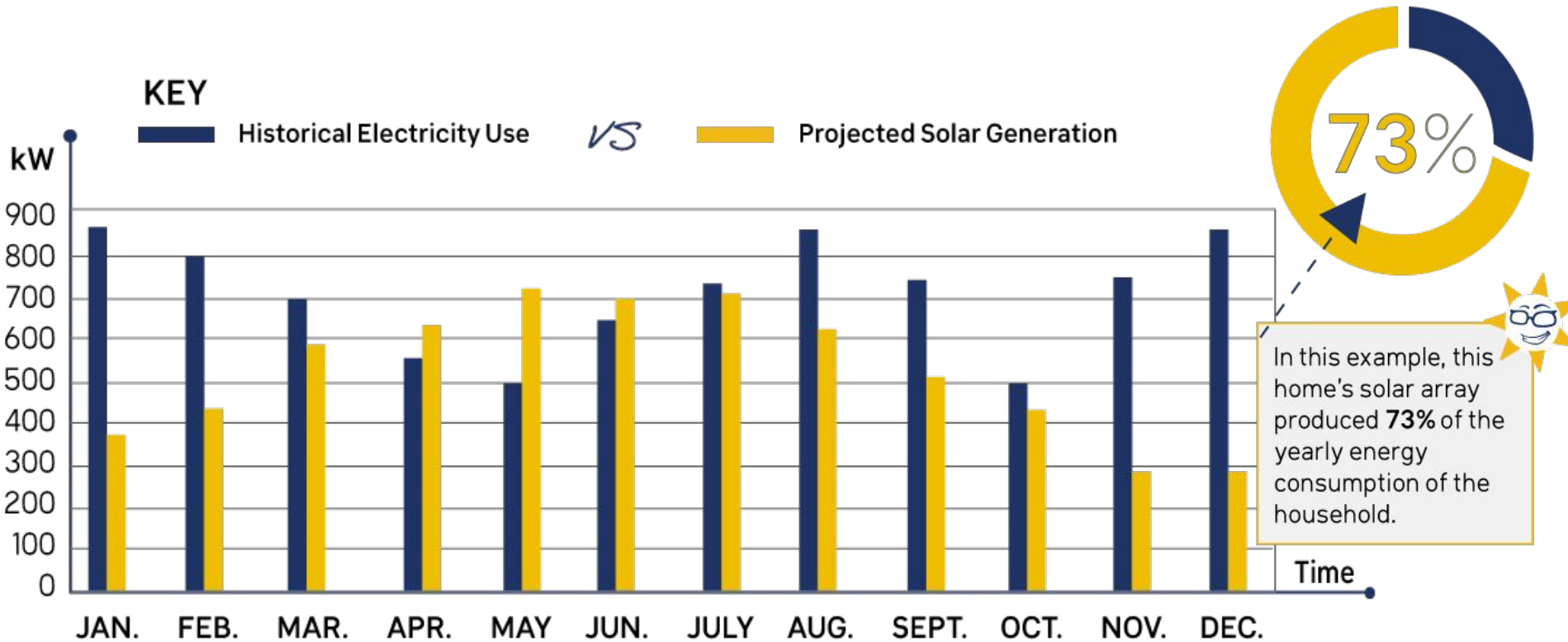


"A Day In The Life" Of a Grid Tied, Net Metered Solar Array

- **Generally calculated on a monthly basis**
 - Ameren, Southwestern Electric Coop & Muni's have different policies

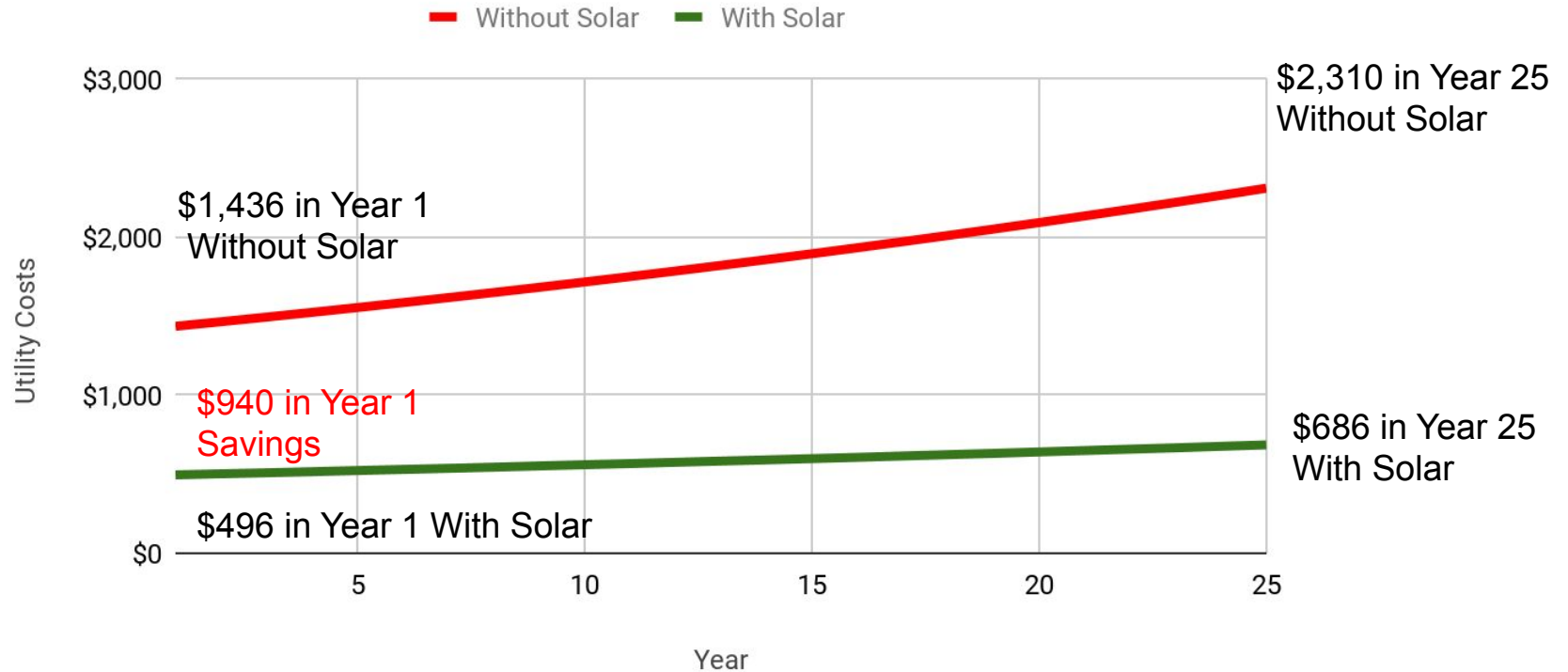


"A Year In The Life" Of a Grid Tied, Net Metered Solar Array



Reduce Your Energy Bill

Energy Costs for 7.2kW Array



Estimated electric bill over 25 Years: 11.4 cents/kWh + 2.0% annual increase

25-year electricity cost post-solar: 6.5 cents/kWh

Estimated 25-Year Savings: \$31,352!



AmerenIllinois.com
Customer Service 1.800.755.5000

Statement Issued 05/22/2019
Amount Due \$
Due Date Jun 12, 2019

Account Number
Customer Name

Service Address

BELLEVILLE, IL 62220

Payment Details

Payment Received DATE AMOUNT
April 26, 2019

Electric Service Residential Billing Detail - Rate Zone III

04/10/2019 - 05/15/2019 (35 days)

Electric Meter Read for 04/10/2019 - 05/15/2019 (35 days)

READ TYPE	METER NUMBER	CURRENT METER READ	PREVIOUS METER READ	READ DIFFERENCE	MULTIPLIER	USAGE
Total kWh	72260189	389.0000 Actual	0.0000 Actual	389.0000	1.0000	389.0000
Peak kW	72260189	6.1940 Actual	0.0000 Actual	6.1940	1.0000	6.1940
kWh Out	72260189	902.0000 Actual	0.0000 Actual	902.0000	1.0000	902.0000

Energy Used From The Grid

Usage Summary

Total kWh	389.0000	Non-Summer kWh	389.0000
On-Site Excess Gen kWh	-902.0000	Delivery Net Total kWh	-513.0000
Del Prior Carryovr Gen	0.0000	Delivery Net Billable kWh	0.0000
Delivery Carryovr Gen kWh	-513.0000	Supply Net Total kWh	-513.0000
Supply Prior Carryovr Gen	0.0000	Supply Net Billable kWh	0.0000
Supply Carryover Gen kWh	-513.0000		

Net Metering Value

Energy Sent To The Grid

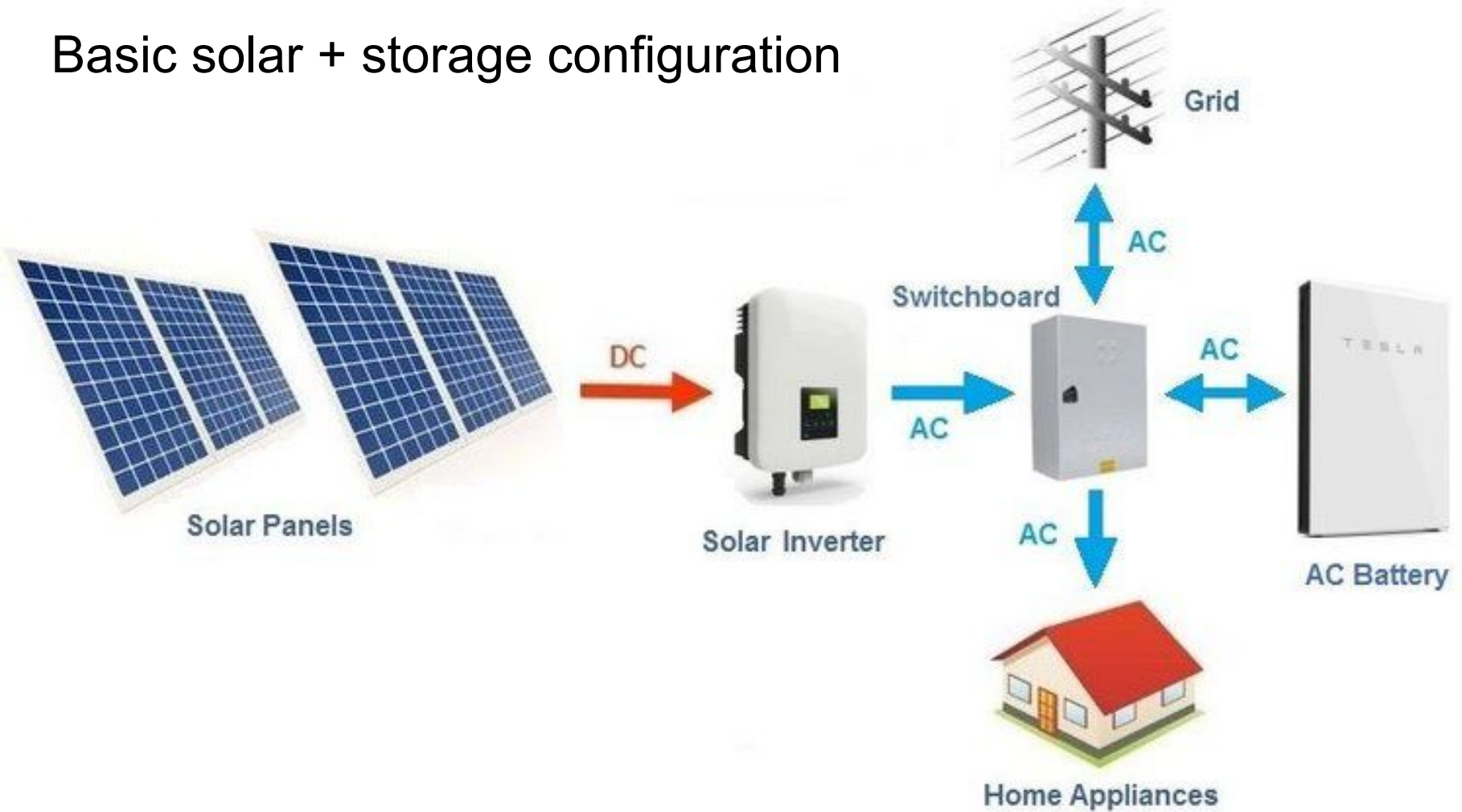
Smart Meter Net Metering-Method A/C-Non-TOU

04916 6126084 070449 020897 0002/0002

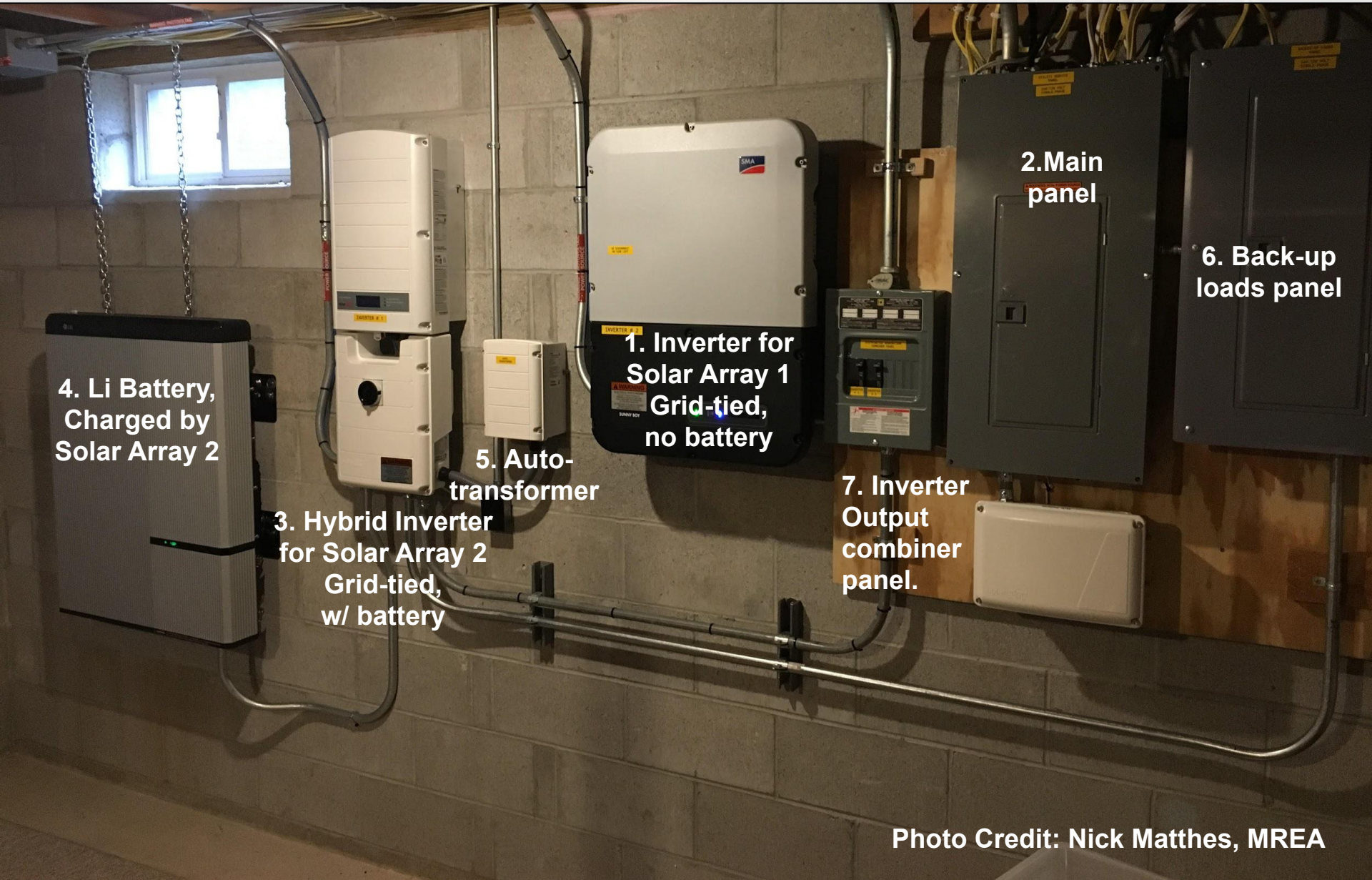
CHARGE DESCRIPTION	USAGE UNIT	RATE	CHARGE
Electric Delivery			\$8.20
Ameren Illinois			
DS-1 Residential Delivery Service			\$5.74
Total Charges = \$13.94			

Solar + Storage

Basic solar + storage configuration



Solar + Storage



4. Li Battery,
Charged by
Solar Array 2

3. Hybrid Inverter
for Solar Array 2
Grid-tied,
w/ battery

5. Auto-
transformer

1. Inverter for
Solar Array 1
Grid-tied,
no battery

7. Inverter
Output
combiner
panel.

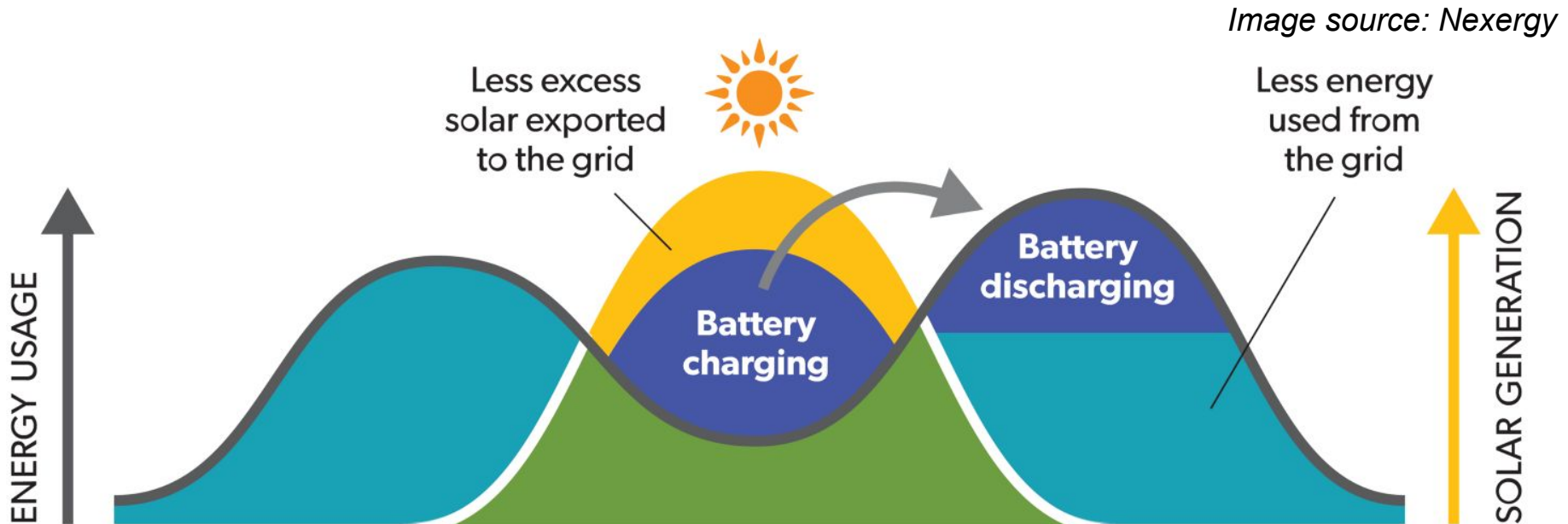
2. Main
panel

6. Back-up
loads panel

Solar + Storage

Financial cases for batteries

- **Time of Use (TOU)** If your utility charges you different rates depending on the time of day that electricity is being used...
- **Demand Charges** Some utilities have demand charges, meaning your electricity rate varies based on your peak demand, which is the period of time during the billing cycle that you use the greatest amount of electricity (usually calculated in 15 minute increments).
- **Net Metering** If the excess generation from your solar array is credited at avoided cost rates (i.e. wholesale electricity prices)....





GROW SOLAR

METRO EAST

Options & Considerations

Part 3 of 5

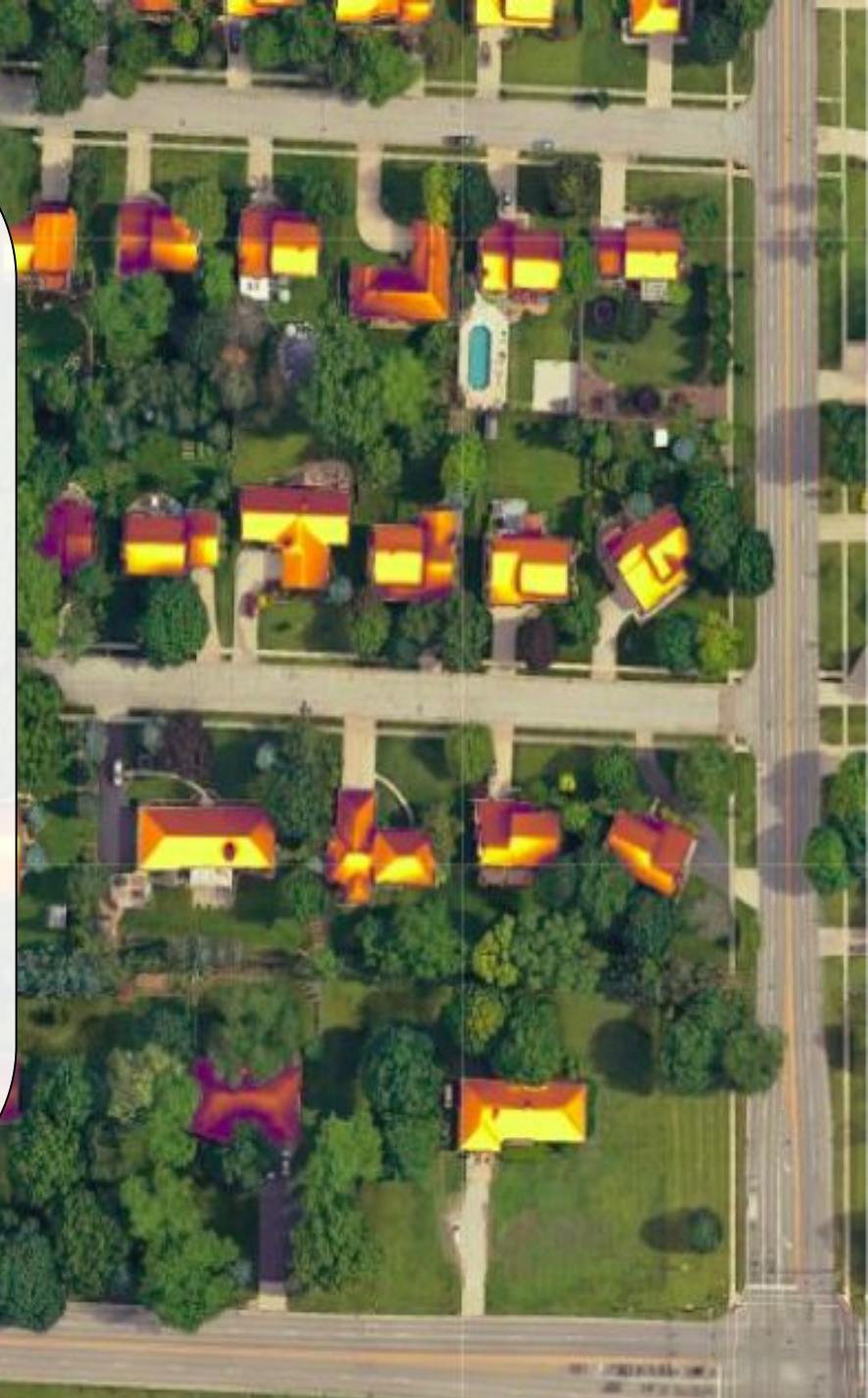


Flexible Installation Options



Is Your Site Suitable for Solar?

- Need a good solar “window”
 - South is ideal, but East + West only reduces production ~20%
- Other Environmental Concerns
 - Shading
 - Snow / Hail
 - Wind Loading
 - Squirrels
- Homeowner’s insurance may cover solar at minimal additional expense.

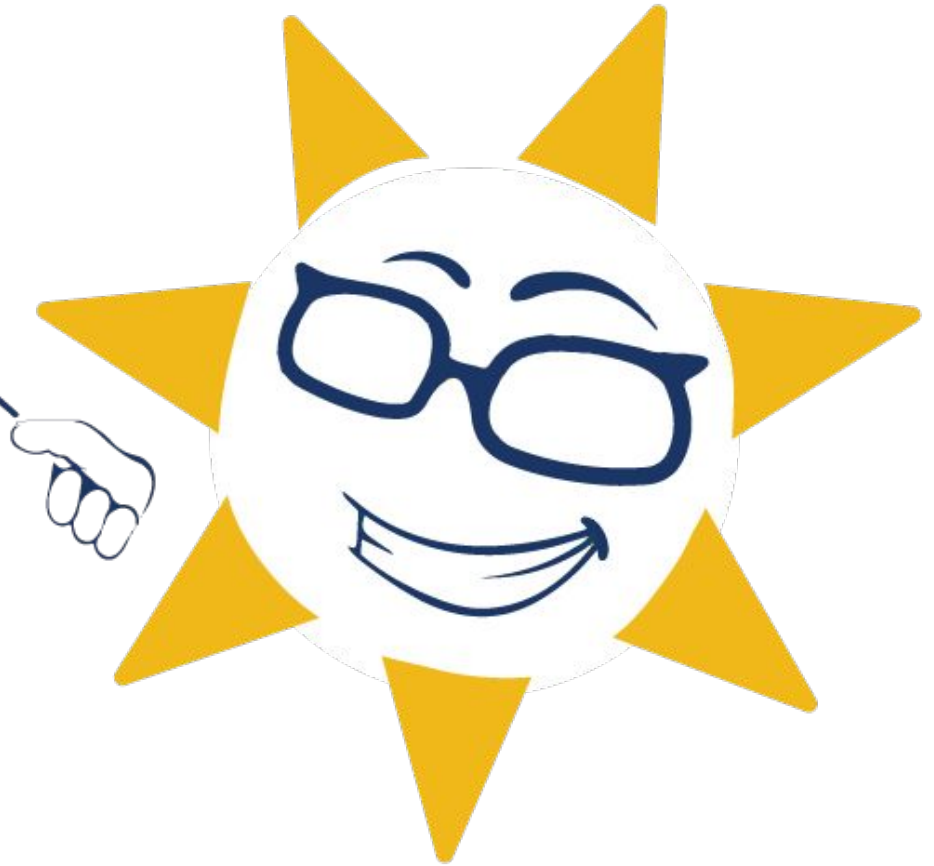




GROW SOLAR

METRO EAST

It's time
for a
poll!



Every Home Is Different



- System size and design
- Age & type of roof
- Panel type
- Inverter type
- Slope, height of roof
- Complexity of electrical interconnection
- Multiple PV arrays
- Energy storage?



**Pricing Varies
by Site & Needs**

Solar + Storage

You Might Need Batteries If You:

1. Pay high power prices
2. Pay “Time of Use” or “Demand Charges”
3. Want more energy-independence
4. Need uninterrupted power
5. Don’t get full net-metering credit

Wall-mounted
Battery

Considerations

In Grow Solar Metro East, batteries start at around \$15,000 for a Tesla Powerwall 2, (13.5 kWh of available power).

A few hours of back-up power for only a few appliances--not a whole-house solution.

The 26% Federal tax incentive does not apply when batteries are bought separately.

Wall-mounted
Battery

IL Homeowner's Solar Rights Act

Section 1. Short title. This Act may be cited as the Homeowners' Solar Rights Act.

Section 5. Legislative intent. The legislative intent in enacting this Act is to protect the public health, safety, and welfare by encouraging the development and use of solar energy systems in order to conserve and protect the value of land, buildings, and resources by preventing the adoption of measures which will have the ultimate effect, however unintended, of preventing the use of solar energy systems on any home that is subject to a homeowners' association, common interest community association, or condominium unit owners' association.

Section 10. Definitions. In this Act: "Solar energy" means radiant energy received from the sun at wave lengths suitable for heat transfer, photosynthetic use, or photovoltaic use.

"Solar collector" means:

- (1) an assembly, structure, or design, including passive elements, used for gathering, concentrating, or absorbing direct and indirect solar energy, specially designed for holding a substantial amount of useful thermal energy and to transfer that energy to a gas, solid, or liquid or to use that energy directly; or
- (2) a mechanism that absorbs solar energy and converts it into electricity; or
- (3) a mechanism or process used for gathering solar energy through wind or thermal gradients; or
- (4) a component used to transfer thermal energy to a gas, solid, or liquid, or to convert it into electricity.

"Solar storage mechanism" means equipment or elements (such as piping and transfer mechanisms, containers, heat exchangers, or controls thereof, and gases, solids, liquids, or combinations thereof) that are utilized for storing solar energy, gathered by a solar collector, for subsequent use.

"Solar energy system" means:

- (1) a complete assembly, structure, or design of solar collector, or a solar storage mechanism, which uses solar energy for generating electricity or for heating or cooling gases, solids, liquids, or other materials; and
- (2) the design, materials, or elements of a system and its maintenance, operation, and labor components, and the necessary components, if any, of supplemental conventional energy systems designed or constructed to interface with a solar energy system.

Section 15. Associations; prohibitions. Notwithstanding any provision of this Act or other provision of law, the adoption of a bylaw or exercise of any power by the governing entity of a homeowners' association, common interest community association, or condominium unit owners' association which prohibits or has the effect of prohibiting the installation of a solar energy system is expressly prohibited.

Section 20. Deed restrictions; covenants. No deed restrictions, covenants, or similar binding agreements running with the land shall prohibit or have the effect of prohibiting a solar energy system from being installed on a building erected on a lot or parcel covered by the deed restrictions, covenants, or binding agreements, if the building is subject to a homeowners' association, common interest community association, or condominium unit owners' association. **A property owner may not be denied permission to install a solar energy system by any entity granted the power or right in any deed restriction, covenant, or similar binding agreement to approve, forbid, control, or direct alteration of property.**

However, for purposes of this Act, the entity may determine the specific location where a solar energy system may be installed on the roof within an orientation to the south or within 45 degrees east or west of due south provided that the determination does not impair the effective operation of the solar energy system. Each homeowners' association, common interest community association, or condominium unit owners' association shall adopt an energy policy statement regarding the location, design, and architectural requirements of solar energy systems within 120 days after an association receives a request for a policy statement or an application from an association member. An association shall disclose, upon request, its energy policy statement and shall include the statement in its homeowners' common interest community, or condominium unit owners' association declaration.

Section 25. Standards and requirements. A solar energy system shall meet applicable standards and requirements imposed by State and local permitting authorities.

Section 30. Application for approval. Whenever approval is required for the installation or use of a solar energy system, the application for approval shall be processed by the appropriate approving entity of the association within 90 days after the submission of the application. However, if an application is submitted before an energy policy statement is adopted by an association, the 90 day period shall not begin to run until the date that the policy is adopted.

Section 35. Violations. Any entity, other than a public entity, that willfully violates this Act shall be liable to the applicant for actual damages occasioned thereby and for any other consequential damages. Any entity that complies with the requirements of this Act shall not be liable to any other resident or third party for such compliance.

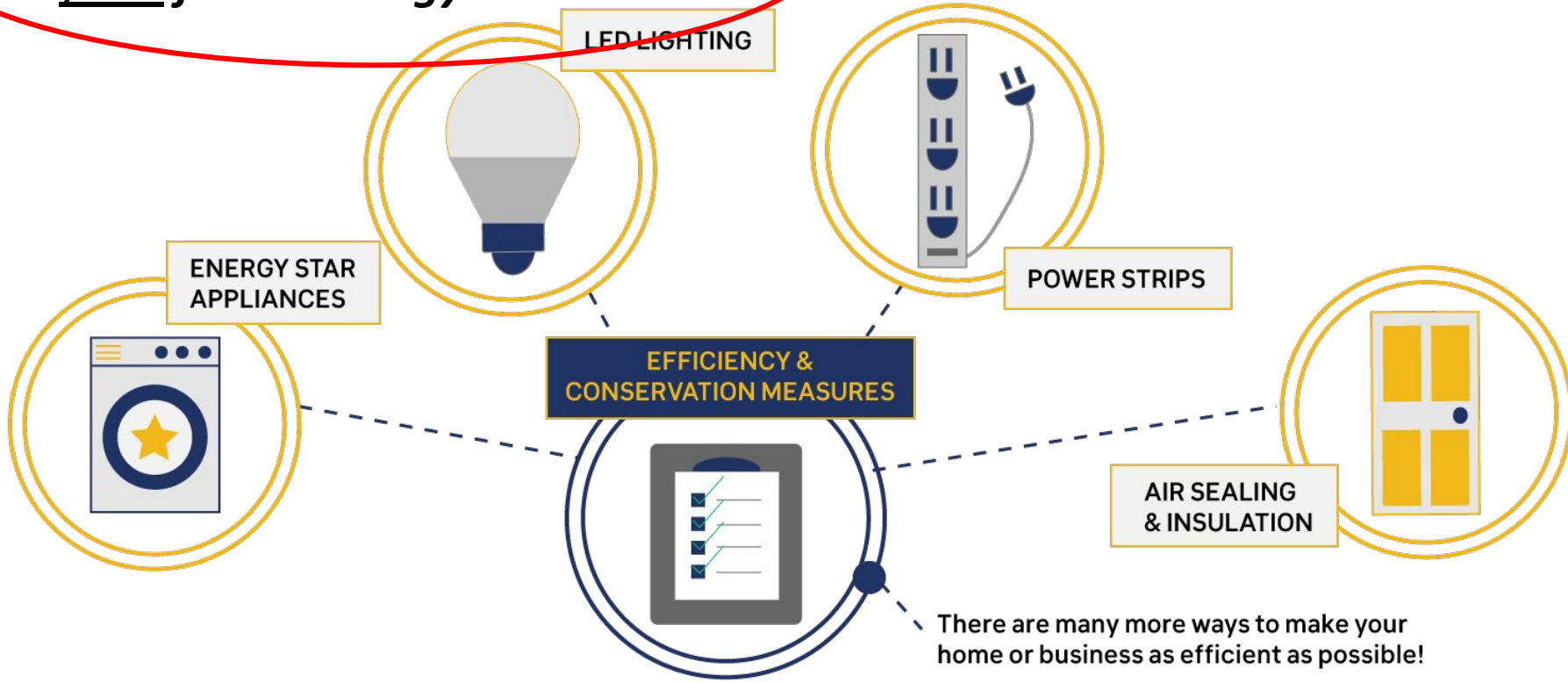
Section 40. Costs; attorney's fees. In any litigation arising under this Act, the prevailing party shall be entitled to costs and reasonable attorney's fees.

Section 45. Inapplicability. This Act shall not apply to any building which is greater than 30 feet in height

Public Act 096-1436

Energy Efficiency

- ***StraightUp Solar will reimburse up to \$150 for an energy audit**** Ameren's efficiency incentive program can be found at AmerenIllinoisSavings.com



** Energy efficiency auditor must be certified by Home Performance with ENERGY STAR. See **Missouri Botanical Garden's Sustainable Living At Home** webpage for approved contractors.*

What Are The Incentives?

Part 4 of 5



Residential & Commercial Renewable Energy Tax Credit (Federal)

- **Tax credit of 26%** on qualified expenditures
 - Includes labor costs, system installation, interconnection wiring
 - Does not include new roof unless roof reinforcement is necessary to support the solar panels
- No maximum credit, but requires you have tax appetite
- Steps down to 22% in 2021. (Goes away completely for residential in 2022.)
- A home must be owned by the taxpayer but does not have to serve as the principal residence
- Incentive details at energystar.gov or irs.gov

Illinois Law & SRECs

- **25% renewable energy on the IL grid by 2025**
 - We have about 9% RE now; 1% is solar.
- **RE Expansion through Solar Renewable Energy Credits (SRECs).**
- **SRECs funding comes from major utility companies through a small fee on customers (NOT A TAX!)**
- **SRECs give you cash payments based on projections of future energy production for your solar project.**

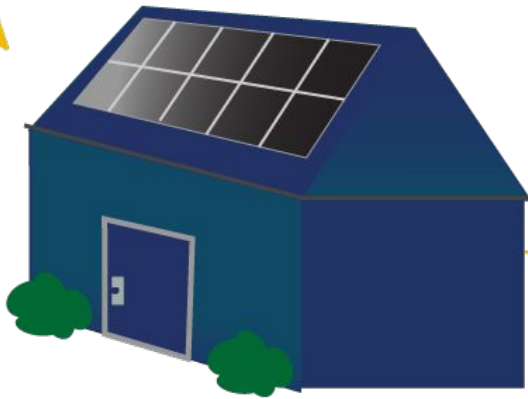
SRECs

Illinois requires utilities to acquire increasing proportions of power from renewable sources

- (“25 by 25”)

SREC market is a mechanism created to help utility companies do this by paying you to go solar.

Solar Renewable Energy Credits SRECS = "Green Value"



■ Bob installs a 7.7 kW solar array on his home.

■ The Solar Vendor estimates Bob's array production equal to 9,700 kWh/year

■ Bob sells 15 years of SRECS for \$81.70 to SREC Aggregator

9.7 MWhr = 9.7 SRECS

Bob gets \$11,887 a few months later

- ★ * For <10 kW AC systems in Illinois. Does not illustrate administrative fees.
- ★ SREC income is taxable
- ★ SREC Aggregator: Carbon Solutions Group--NOT the solar vendor
- ★ ~5% security withhold until Year 15

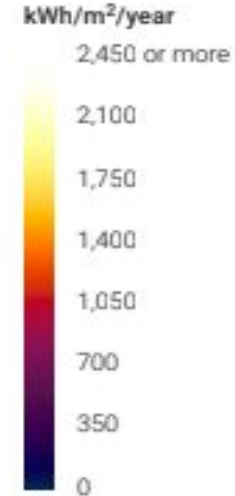
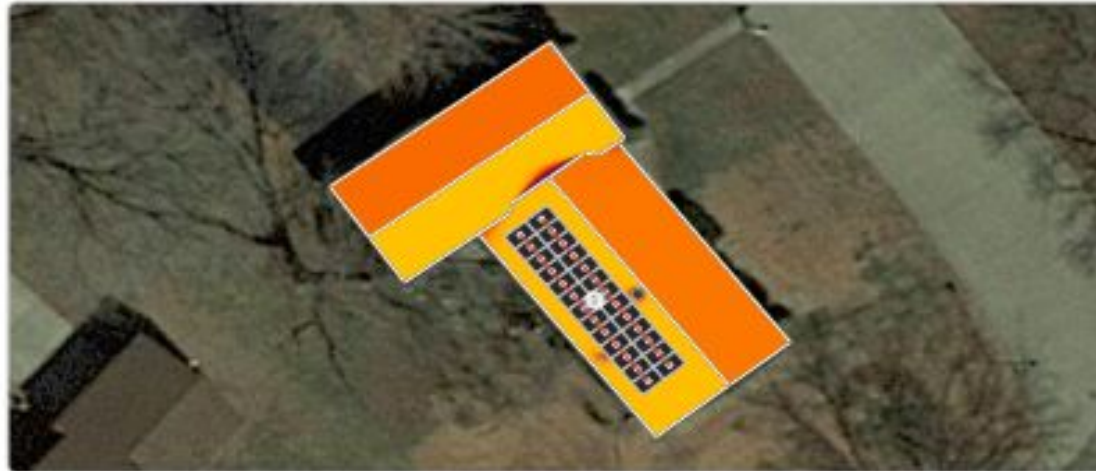


Solar Case Study



Customized Site Assessment

Annual irradiance



- System size and layout
- Module type
- Inverter type
- Slope, height of roof
- Complexity of electrical interconnection
- Type of roofing material
- Multiple PV arrays



GROW SOLAR

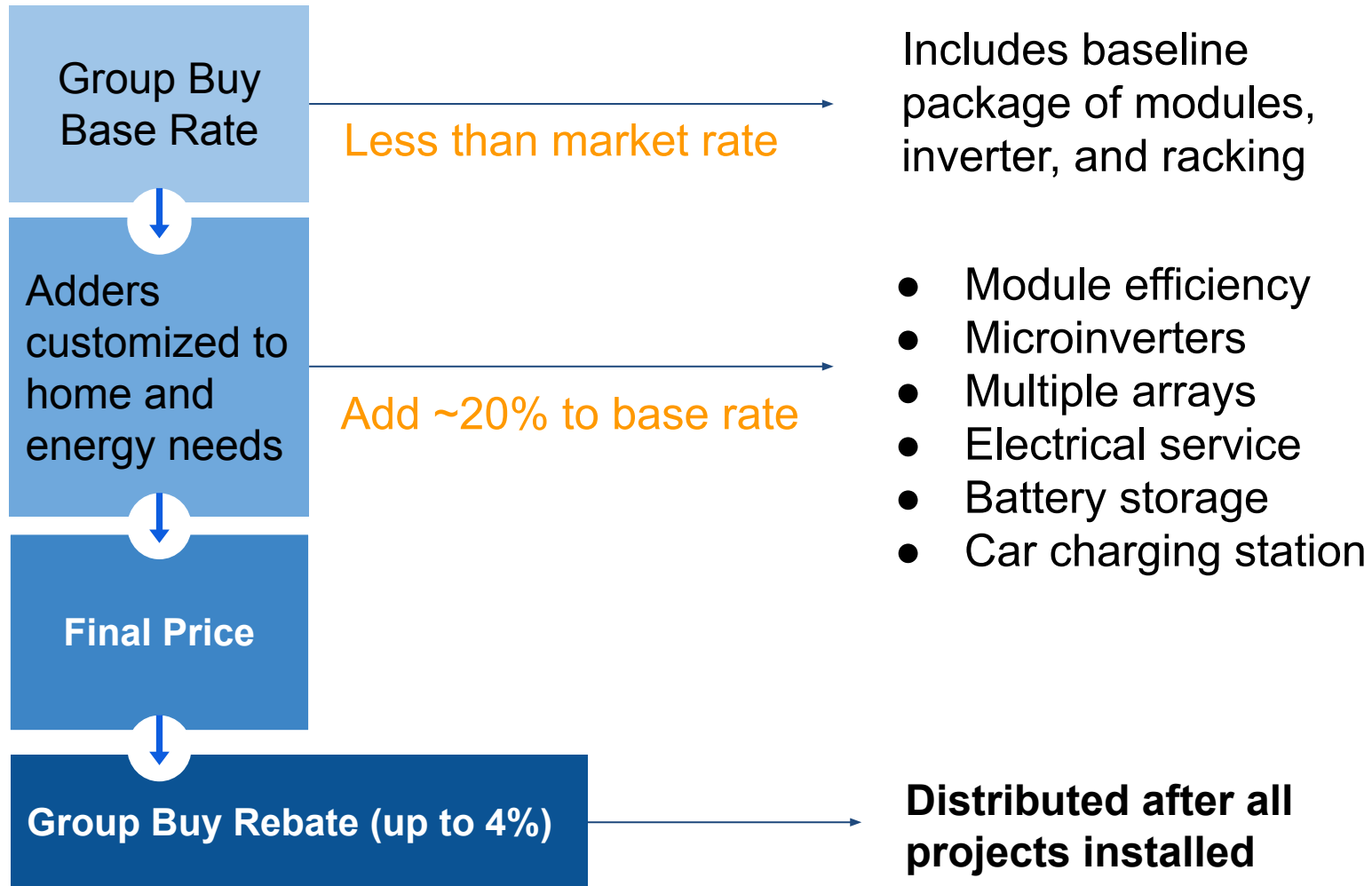
METRO EAST

Solar Costs

Part 5 of 5



Pricing Structure





Group Buy

How It Works

The more people go solar, the lower the price:

Base price is lower than StraightUp Solar's market rate.

	 VOLUME REBATES 					
TOTAL kW	>50 kW	>150 kW	>300 kW	>500 kW	>1,000 kW	>1,500 kW
NUMBER OF HOMES	7-10 HOMES	21-30 HOMES	40-55 HOMES	70-100 HOMES	140-200 HOMES	210-300 HOMES
TOTAL REBATE	.5%	1%	1.5%	2%	3%	4%

Totals from Grow Solar Metro East and Grow Solar St. Louis combine for the benefit of all!



Solar System Price Spectrum



*\$4,500 after incentives
\$65/month 12-yr loan*



*\$11,500 after incentives
\$185/month 12-yr loan*

\$20,000
Ground Mount Array, 5-6kW

\$40,000
Two Arrays, Two Roofs, 10+kW

\$10,000
One Array <4kW

\$30,000
Two Arrays,
One Roof, 7-9kW



*\$8,000 after incentives
\$125/month 12-yr loan*



*\$14,000 after incentives
\$245/month 12-yr loan*

Financing Solar

Clean Energy Credit Union



- 100% clean energy loans -
1st of its kind launched 2017
- Wholly-owned by Amicus Solar members
- Choose one or both of these loan types:
 - 12-18 month loan for 26% of system cost
(covers the 26% Federal Tax Credit)
 - 12-year fixed rate loan up to the remaining
74% solar electric system cost

7.2 KW Residential System

EXAMPLE	<u>GSME Price</u>	<u>Market Price</u>
Installed Cost *	\$24,048	\$30,096
26% Federal Tax Credit	-\$6,252	-\$7,824
Est Pre-tax SREC Payments	-\$10,515	-\$10,515
Max group buy savings (4%)	-\$961	\$0
Net Cost	\$6,320	\$11,757

* Assumes full 4% volume rebate

7.2 KW Residential System

Grow Solar Price

vs

Market Price

7.2 KW Metro East Resi Roof Array

Installed Cost (\$3.34 Watt)	\$24,048
26% Federal Tax Credit	-\$6,252
Est Pre-tax SREC Payments	-\$10,515
Max group buy savings (\$4%)	-\$961
Net Cost	\$6,320

7.2 KW Market Price Resi Roof Array

Installed Cost (\$4.18/ Watt*)	\$30,096
26% Federal Tax Credit	-\$7,824
Est Pre-tax SREC Payments	-\$10,515
Group buy savings	\$0
Net Cost	\$11,757

Five Easy Steps to Solar

1

Get Started

Share basic information about your home with a Solar Support Specialist to start the process.

2

Set Custom Plan

Receive a customized system layout, proposal, and contract from a Project Developer.

3

Project Guidance

Work with your Project Manager through the engineered design and permitting process

4

Install & Energize

Set a date for our highly-trained installation crew to build, inspect, and energize your system.

5

Enjoy!

Enjoy your new solar array!



StraightUp
SOLAR

Solar Financing Options

Clean Energy Credit Union

- 100% clean energy loans--1st of its kind launched 2017
- Wholly-owned by Amicus Solar members
- Choose one or both of these loan types:
 - 12-18 month loan for 30% of system cost (covers the 30% Federal Tax Credit)
 - 12-year fixed rate loan up to the remaining 70% solar electric system cost



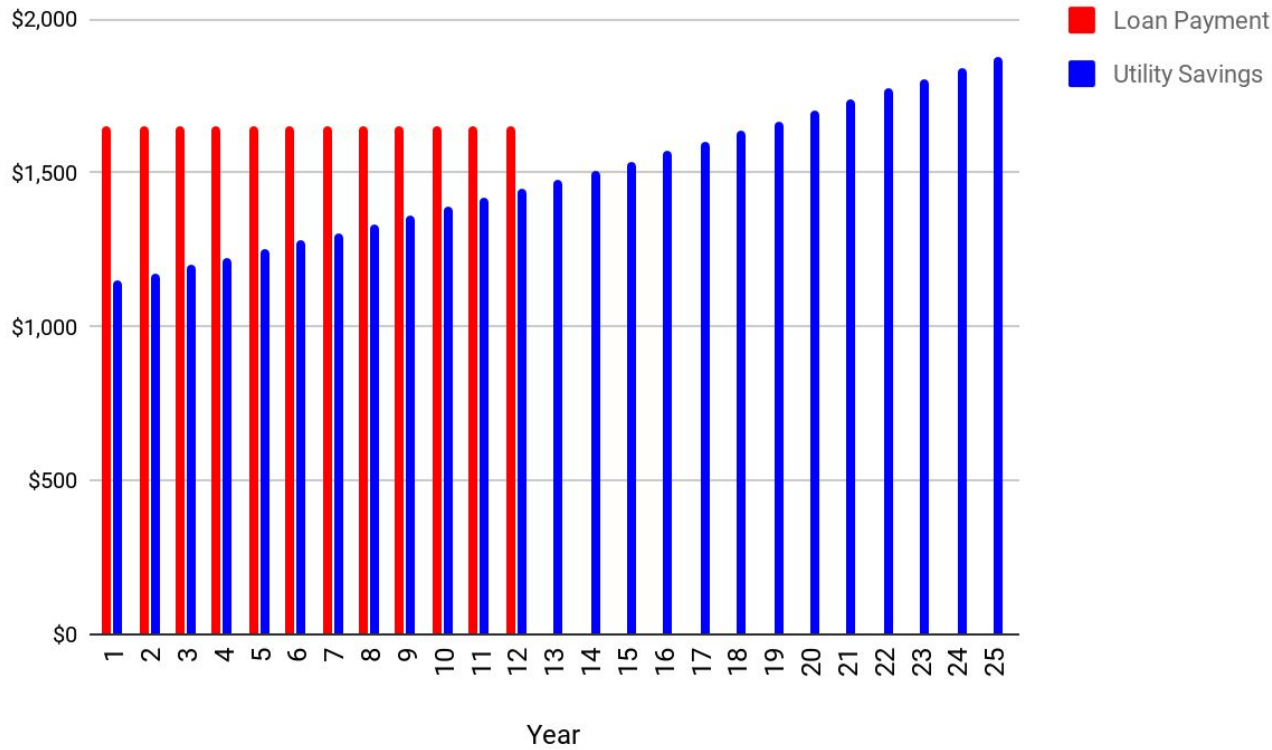
The BANK of Edwardsville

- Special solar application for Credit Express - Home Equity Line of Credit loan
- Contact Brad Porter, Glen Carbon Banking Manager at bporter@4thebank.com or 618-659-4234





Financing Schedule



New Opportunity: Residential Lease

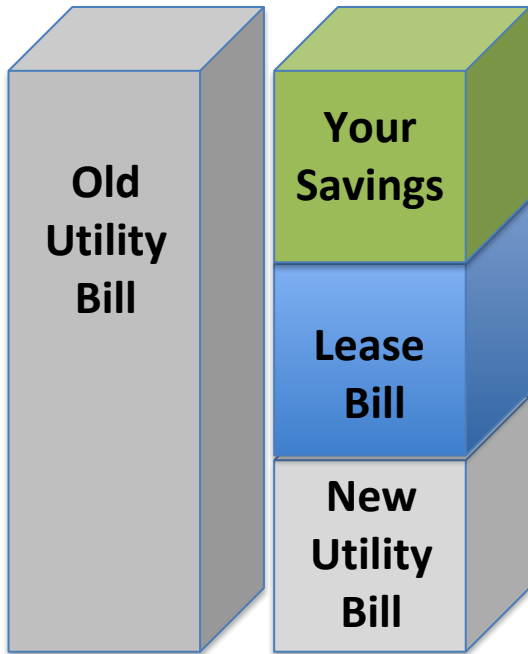
Residential Lease

20-year Lease options:

- 10% below current utility rates (0% escalator) **OR**,
- 20% below current utility rates (2% escalator)

Lease Option Provided by **SUNPOWER**[®]

- ❖ Includes a Production Guarantee
- ❖ Lease participants relinquish tax credits & SREC payment rights





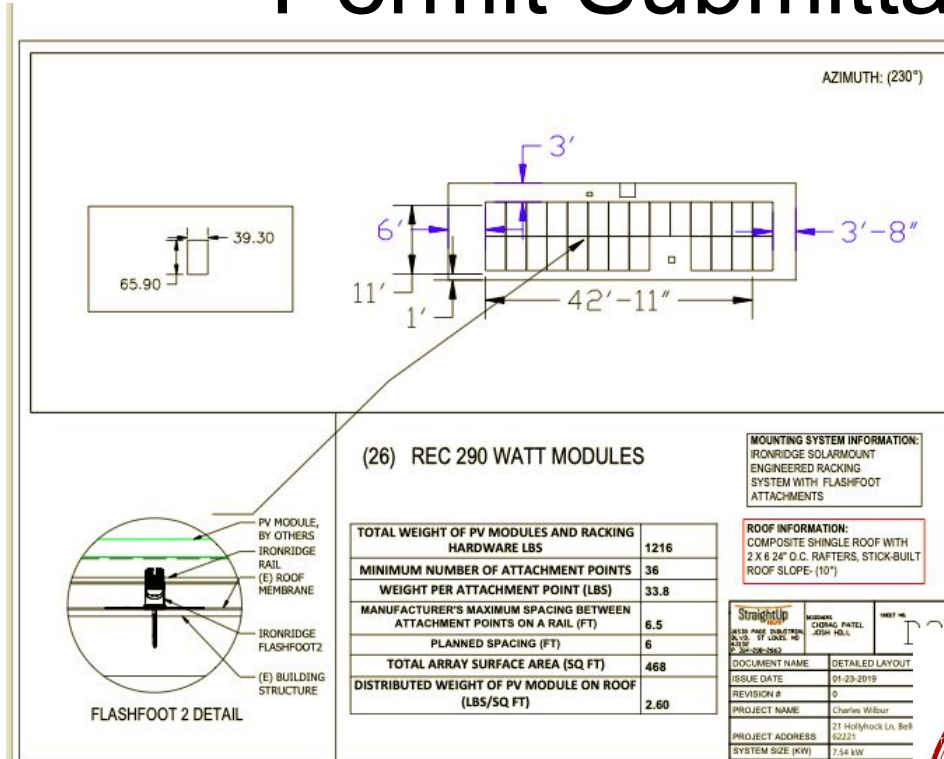
On-Site Assessment - Technical Design



- (26) REC 290 WATT MODULES
- (1) SOLAREEDGE 6000 W INVERTER

StraightUp <small>SOLAR</small> 10730 PAGE INDUSTRIAL BLVD. ST LOUIS, MO 63132 P 314-218-2663	DESIGNERS CHIRAG PATEL JOSH HILL	SHEET NO. D1
	DOCUMENT NAME SITE PLAN	ISSUE DATE 01-23-2019

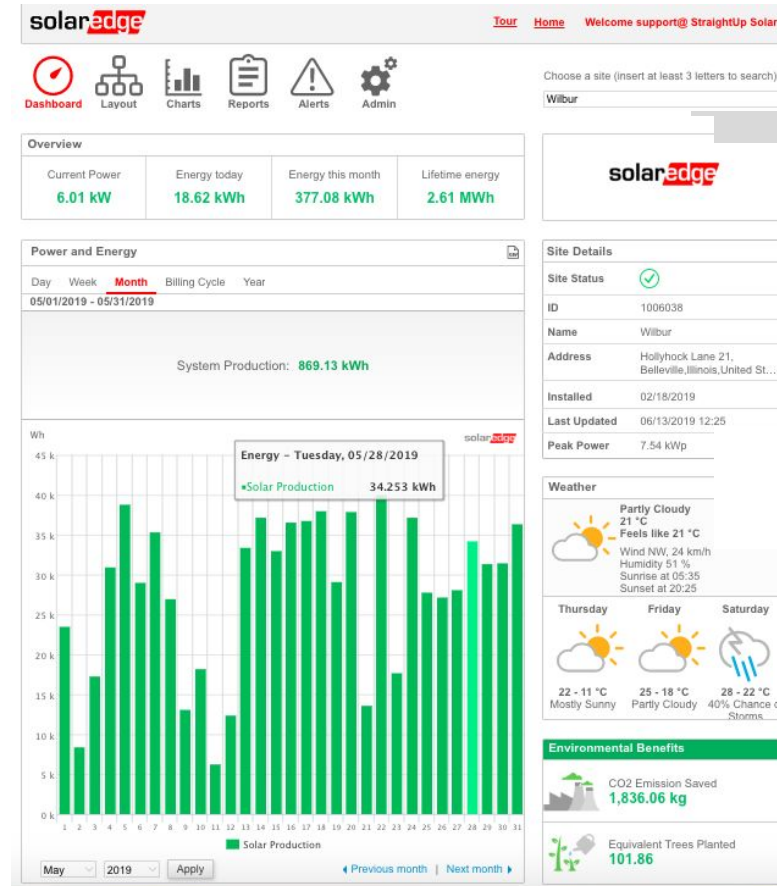
Engineered Drawings - Permit Submittal



Installation Time!



Home Energy Report





GROW SOLAR

METRO EAST



Stay Informed: Become a Member of the MREA!



**Promoting renewable energy, energy efficiency,
and sustainable living through education and demonstration.**

- \$20 Off All Courses
- Invite to Virtual Membership Meeting
- Access to Clean Energy Credit Union
- Subscription to Newsletter
- Free Online Tutorials
- Free Rise Up! Publication Mailed to You

Everyone who goes solar through the program gets a **FREE Basic Family Membership!**



StraightUp SOLAR

Our Contact Information

- Sign Up for a 15 Minute Solar Assessment of Your Home (link is in the Chat)
- **Reach out:**
Brent Ritzel
brent.ritzel@straightupsolar.com
314-662-2693
- **Get More Information:**
StraightUpSolar.com
844-97-SOLAR

**When there's a huge
solar energy spill, it's just
called "A really nice day!"**



Thank you for attending!

GrowSolarMetroEast.org

Presenters: Kevin McKee, Virginia Woulfe-Beile, or Sheila Voss

Feedback? Questions? PeterM@midwestrenew.org