

Anatomy of a Solar-Powered Utility Bill:

See the Actual Savings of a Local Business



SUMMARY ACCOUNT LISTING: BRIGHTSIDE VENTURES

To protect the financial privacy of this real StraightUp Solar customer, we'll call them by a new name.

TYPE OF READING	METER NUMBER	SERVICE FROM	NO. TO DAYS	METER READING PREVIOUS	METER READING PRESENT	READING DIFFERENCE	METER MULTIPLIER	THERM FACTOR	USAGE	R D
Total kWh	*****	01/14-02/12	29	0.0000	2795.0000	2795.0000	1.0000		2795.0000 A	
kWh Out	*****	01/14-02/12	29	0.0000	2566.0000	2566.0000	1.0000		2566.0000 A	
Peak kW	*****	01/14-02/12	29	0.0000	14.2680	14.2680	1.0000		14.2680 A	

Service To			SUMMARY		Service To	
Total kWh	02/12/2025	2795.0000	Non-Summer kWh	02/12/2025	2795.0000	
Peak kW	02/12/2025	14.3000	On-Site Excess Gen kWh	02/12/2025	-2566.0000	
Delivery Net Total kWh	02/12/2025	229.0000	Delivery Prior Carryover	02/12/2025	0.0000	
Delivery Net Billable kWh	02/12/2025	229.0000	Delivery Carryover kWh	02/12/2025	0.0000	
Del Net Non-Summer kWh	02/12/2025	229.0000	Supply Net Total kWh	02/12/2025	229.0000	
Supply Prior Carryover	02/12/2025	0.0000	Supply Net Billable kWh	02/12/2025	229.0000	
Supply Carryover kWh	02/12/2025	0.0000				

ELECTRIC SERVICE BILLING DETAIL - Rate Zone III

Electric Delivery Service	Service From	01/14/2025	to	02/12/2025
JS-2 Small General Delivery Service				
Let Mtr On-Site Method A/C-NonTOU-Apr				
Customer Charge				\$25.77
Meter Charge				\$8.02
Distribution Delivery Charge Non-Summer	229.00 kWh @	\$0.3352000		\$7.68
Electric Deferred Income Tax Adjustment	\$110.37 @	-2.190000%		-\$2.42
Delivery Service Cost Adjustment	\$110.37 @	12.770000%		\$14.09
Total Delivery Service Amount				\$53.14

Electric Power Supply - Homefield Energy	Service From	01/14/2025	to	02/12/2025
188.451.3911 www.homefieldenergy.com				
Refer to supply contract for details				
Community Solar Comm Default				
Total Energy Charge (\$/kWh)	229.00 kWh @	\$0.05579000		\$12.78
Total Supply Amount				\$12.78

Taxes	Service From	01/14/2025	to	02/12/2025
Customer Generation Charge				\$2.48
Clean Energy Assistance Charge	229.00 kWh @	\$0.00189000		\$0.43
Coal to Solar and Energy Storage Charge*	229.00 kWh @	\$0.00080000		\$0.02
Renewable Energy Adjustment*	229.00 kWh @	\$0.00458000		\$1.05
EDT Cost Recovery	229.00 kWh @	\$0.00125500		\$0.29
Electric Environmental Adjustment	229.00 kWh @	\$0.00044900		\$0.01
Energy Efficiency Programs Charge	229.00 kWh @	\$0.00763000		\$1.75
Energy Transition Assistance Charge*	229.00 kWh @	\$0.00072000		\$0.16
Utility-Owned Solar and Storage Adjustment*	229.00 kWh @	\$0.00083000		\$0.02
Illinois State Electricity Excise Tax				\$0.76
Total Tax Related Charges				\$6.97

Total Electric Charges	
Electric: Includes mandated charges and programs, and other charges resulting from the 2021 state energy law.	
Current Total Due (Account)	\$72.89

See an actual bill from one of our commercial solar customers!

See How A Real Business Saves With Solar

- 1 Solar As An Asset
- 2 Locking In Energy Costs
- 3 Deposits In the Energy Bank
- 4 A Tax Shield
- 5 Future Planning: Peak Shaving With Battery



SUMMARY ACCOUNT LISTING: BRIGHTSIDE VENTURES

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Del Net Non-Summer kWh	02/12/2025	229.0000	Supply Net Total kWh	02/12/2025	229.0000	
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188.451.3911 www.homefieldenergy.com			
Refer to supply contract for details			
Community Solar Comm Default			
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EDT Cost Recovery	229.00	kWh @ \$0.0125500	\$0.29
Electric Environmental Adjustment	229.00	kWh @ \$0.0004490	\$0.01
Energy Efficiency Programs Charge	229.00	kWh @ \$0.00763000	\$1.75
Energy Transition Assistance Charge*	229.00	kWh @ \$0.00072000	\$0.16
Utility-Owned Solar and Storage Adjustment*	229.00	kWh @ \$0.0008300	\$0.02
Illinois State Electricity Excise Tax			\$0.76
Total Tax Related Charges			\$6.97
Total Electric Charges			\$72.89
Electric: Includes mandated charges and programs, and other charges resulting from the 2021 state energy law.			
Current Total Due (Account)	\$72.89		

WITH SOLAR

ENERGY IS AN ASSET

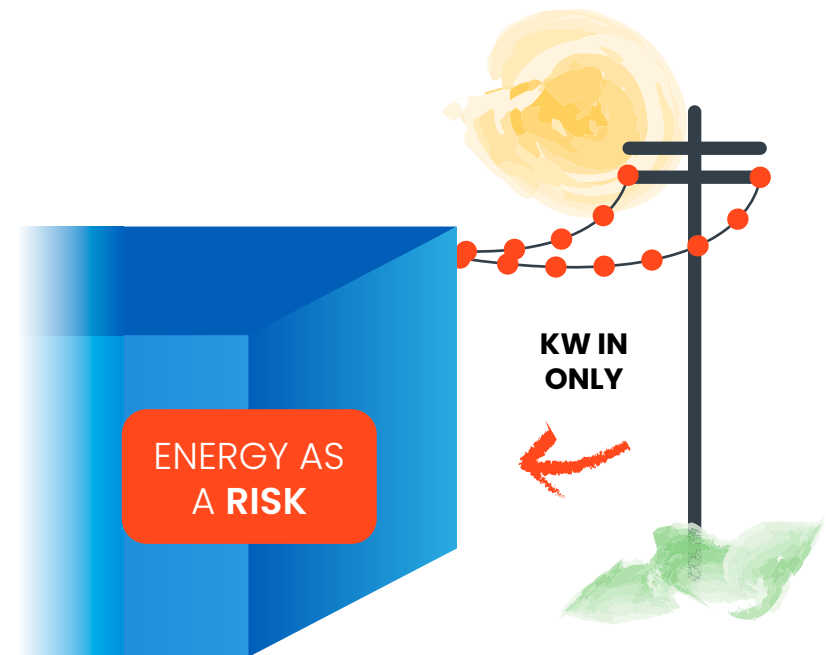
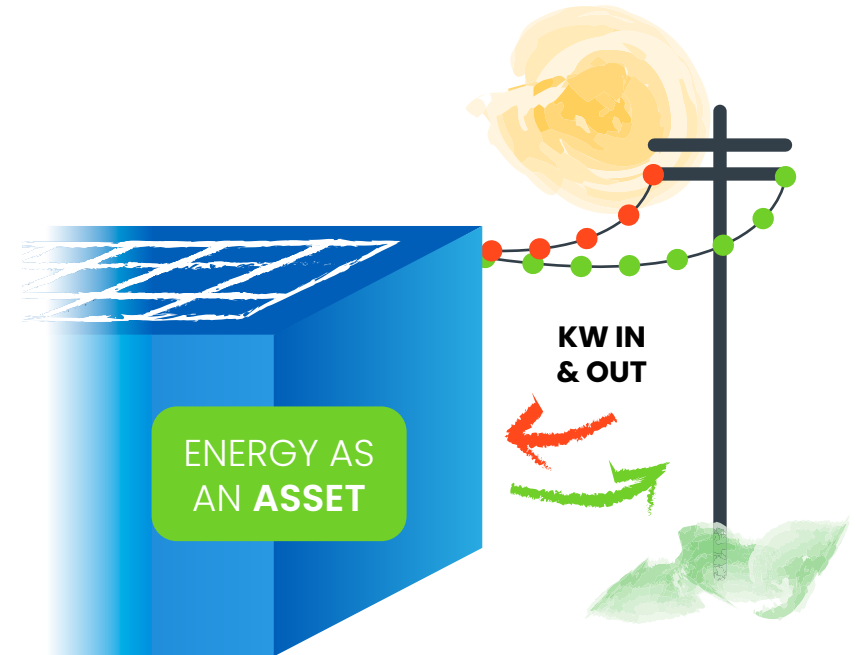
Investing in solar energy transforms a commercial property from a passive overhead cost into a **high-performing strategic asset**.

With solar, **you own your energy source, instead of constantly renting it**. This yields instant electricity cost savings and improved cash flow for your operations. Buildings with solar command higher valuations too.

Furthermore, by significantly lowering the carbon footprint of the business, solar serves as a tangible demonstration of **corporate responsibility**, enhancing brand reputation in a marketplace that increasingly rewards environmentally responsible initiatives.

TYPE OF READING	METER NUMBER	SERVICE FROM	TO	NO. DAYS	METER READING PREVIOUS	PRESENT
Total kWh	*****	01/14-02/12	29		0.0000	2795.0000
kWh Out	*****	01/14-02/12	29		0.0000	2566.0000
Peak kW	*****	01/14-02/12	29		0.0000	14.2680

For Brightside Ventures, the energy this system produces offsets a large percentage of the building's energy needs. They are now functioning like their own power plant, supplying energy back to the grid, rather than just pulling from it.



SCHEDULE YOUR ENERGY BILL AUDIT

STRAIGHTUPSOLAR.COM

WITH SOLAR

ENERGY IS PREDICTABLE

By installing solar, a business can effectively replace all or some of its grid power with a fixed, predictable **levelized cost of energy** over the system's 25-plus year lifespan.

By "locking in" electricity rates at a significant discount to current market price, a business creates a permanent buffer against the historical 3-5% annual utility rate hikes.

ENERGY COSTS

— Energy Costs
Without Solar

**Energy Bill Savings Can
Help Pay For Your Array**

— Energy Costs
With Solar

YEAR

ELECTRIC SERVICE BILLING DETAIL - Rate Zone III									
Electric Delivery Service									
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Service From 01/14/2025 to 02/12/2025									
Customer Charge								\$25.77	
Meter Charge								\$8.02	
Distribution Delivery Charge Non-Summer	229.00	kWh	@	\$0.03352000				\$7.68	
Electric Deferred Income Tax Adjustment	\$110.37		@	-2.190000%				-\$2.42	
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Total Delivery Service Amount									\$53.14
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Community Solar Comm Default									
Service From 01/14/2025 to 02/12/2025									
Total Energy Charge (\$/kWh)	229.00	kWh	@	\$0.05579000				\$12.78	
Total Supply Amount									\$12.78
Taxes									
Service From 01/14/2025 to 02/12/2025									
Customer Generation Charge								\$2.48	
Clean Energy Assistance Charge	229.00	kWh	@	\$0.00189000				\$0.43	
Coal to Solar and Energy Storage Charge*	229.00	kWh	@	\$0.00008000				\$0.02	
Renewable Energy Adjustment*	229.00	kWh	@	\$0.00458000				\$1.05	
EDT Cost Recovery	229.00	kWh	@	\$0.00125500				\$0.29	
Electric Environmental Adjustment	229.00	kWh	@	\$0.00004490				\$0.01	
Energy Efficiency Programs Charge	229.00	kWh	@	\$0.00763000				\$1.75	
Energy Transition Assistance Charge*	229.00	kWh	@	\$0.00072000				\$0.16	
Utility-Owned Solar and Storage Adjustment*	229.00	kWh	@	\$0.00008300				\$0.02	
Illinois State Electricity Excise Tax								\$0.76	
Total Tax Related Charges									\$6.97
Total Electric Charges									\$72.89
Electric: Includes mandated charges and programs, and other charges resulting from the 2021 state energy law.									
Current Total Due (Account)	\$72.89								

Many electricity bill charges are rate-based, calculated by multiplying your usage by your utility's current rates. These rates are subject to annual increases.

Less electricity pulled from the grid means you are more shielded from the volatility of your utility rate hikes.

For Brightside Ventures, their solar PV system substantially reduces billable kilowatt-hours, drastically cutting their rate-based energy charges.

SCHEDULE YOUR ENERGY BILL AUDIT

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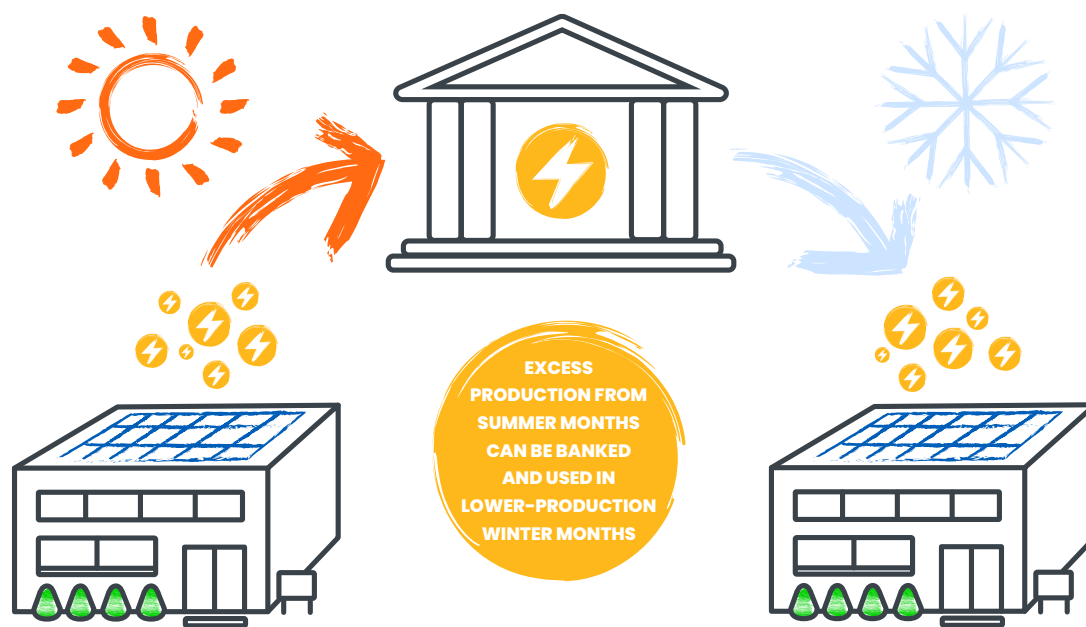
WITH SOLAR YOU CAN

BANK ENERGY SAVINGS

Solar owners benefit from **net metering**. With this policy, your utility tracks excess solar production and lets you spend it on future energy bills.

In winter months, when your solar production is lower, excess solar production from past months will be applied to your bill to help offset your usage.

This carryover production must be used within the year that the energy was generated.



SCHEDULE YOUR ENERGY BILL AUDIT

Total kWh	02/12/2025	2795.0000
Peak kW	02/12/2025	14.3000
Delivery Net Total kWh	02/12/2025	229.0000
Delivery Net Billable kWh	02/12/2025	229.0000
Del Net Non-Summer kWh	02/12/2025	229.0000
Supply Prior Carryover	02/12/2025	0.0000
Supply Carryover kWh	02/12/2025	0.0000
Non-Summer kWh	02/12/2025	2795.0000
On-Site Excess Gen kWh	02/12/2025	-2566.0000
Delivery Prior Carryover	02/12/2025	0.0000
Delivery Carryover kWh	02/12/2025	0.0000
Supply Net Total kWh	02/12/2025	229.0000
Supply Net Billable kWh	02/12/2025	229.0000

Anytime your solar array produces more energy than your facility uses at that moment, the excess is sent to the grid. This appears as "On-Site Excess Gen kWh" on your bill. In certain months, the amount you pulled from the grid (Total kWh) will not be fully offset. In the above example, the excess production lowered the bill, but no kilowatt-hours were left over for future use (line items containing "Carryover").

Non-Summer kWh	02/12/2025	6936.0000
On-Site Excess Gen kWh	02/12/2025	-3984.0000
Delivery Prior Carryover	02/12/2025	-26861.0000
Delivery Carryover kWh	02/12/2025	-23909.0000
Supply Prior Carryover	02/12/2025	-26861.0000
Supply Carryover kWh	02/12/2025	-23909.0000

However, some months you will produce more electricity than you pulled from the grid (as shown above). This will be tracked as "Delivery/Supply Carryover kWh." You may also have carryover from past electricity bills. This appears as "Delivery/Supply Prior Carryover."

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WITH SOLAR YOU CAN SHIELD YOURSELF FROM UTILITY TAXES

Utility bills aren't limited to electricity usage charges. **Taxes and fees** constitute a portion of the customer costs. Many of these taxes and fees help the utility company meet its energy goals and upgrade its outdated infrastructure.

A majority of these taxes are rate-dependent, so the more energy you pull from the grid the more you pay for each line item. **Solar significantly lowers your expenses** and shields you from future rate increases that may apply to these charges.

Taxes		Service From 01/14/2025 to 02/12/2025	
Customer Generation Charge			\$2.48
Clean Energy Assistance Charge	229.00 kWh @ \$.00189000		\$0.43
Coal to Solar and Energy Storage Charge*	229.00 kWh @ \$.00008000		\$0.02
Renewable Energy Adjustment*	229.00 kWh @ \$.00458000		\$1.05
EDT Cost Recovery	229.00 kWh @ \$.00125500		\$0.29
Electric Environmental Adjustment	229.00 kWh @ \$.00004490		\$0.01
Energy Efficiency Programs Charge	229.00 kWh @ \$.00763000		\$1.75
Energy Transition Assistance Charge*	229.00 kWh @ \$.00072000		\$0.16
Utility-Owned Solar and Storage Adjustment*	229.00 kWh @ \$.00008300		\$0.02
Illinois State Electricity Excise Tax			\$0.76
Total Tax Related Charges			\$6.97

Here's how the taxes stacked up for one of Brightside Ventures' warehouses that does have a solar array. Eight of the ten tax charges are dictated by kilowatt-hour usage.

Taxes		Service From 01/14/2025 to 02/12/2025	
Customer Generation Charge			\$2.48
Clean Energy Assistance Charge	15,236.00 kWh @ \$.00189000		\$28.80
Coal to Solar and Energy Storage Charge*	15,236.00 kWh @ \$.00008000		\$1.22
Renewable Energy Adjustment*	15,236.00 kWh @ \$.00458000		\$69.78
EDT Cost Recovery	15,236.00 kWh @ \$.00125500		\$19.12
Electric Environmental Adjustment	15,236.00 kWh @ \$.00004490		\$0.68
Energy Efficiency Programs Charge	15,236.00 kWh @ \$.00763000		\$116.25
Energy Transition Assistance Charge*	15,236.00 kWh @ \$.00072000		\$10.97
Utility-Owned Solar and Storage Adjustment*	15,236.00 kWh @ \$.00008300		\$0.0008300
Illinois State Electricity Excise Tax			\$48.82
Total Tax Related Charges			\$299.38

This is the tax section of a bill from one of Brightside Ventures' warehouses that does not have a solar array, leading to hundreds of dollars in additional charges.

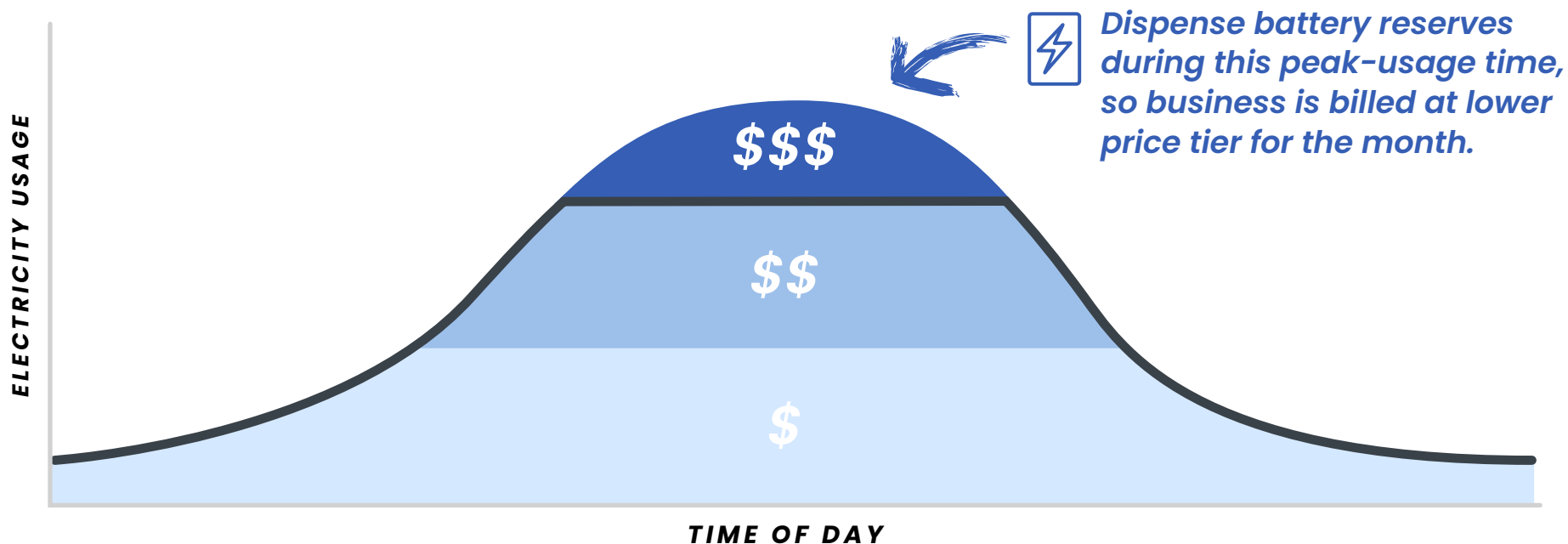
WITH SOLAR + BATTERY YOU CAN

LOWER ENERGY BILLS VIA “PEAK SHAVING”

Peak shaving can occur when a solar + battery storage system reduces electricity consumption during periods of maximum energy use.

For commercial users, utility companies often bill based on the single highest 15-minute window of usage in a month. Even if you use very little power the rest of the time, one spike can significantly alter your bill. If a factory turns on all its energy-intensive equipment at 12:00 PM, that 15-minute spike sets the price for the entire month's bill, even if the factory sits idle for the other 29 days.

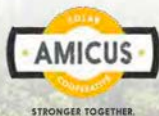
Using “peak shaving” a business can discharge its battery reserves during these time of maximum electricity use to avoid being billed at a higher rate that month.



ABOUT

StraightUp Solar

StraightUp Solar offers an energy choice you can feel good about. We live and work in the regions we serve, so we care about the well-being of our communities. As a Certified B Corporation, we strive to uplift the people and planet. From design to installation, we help homeowners and businesses throughout Illinois and Missouri uplift their energy with custom, turnkey solar solutions. We've been in business since 2006, and we will be here to care for your system for years to come.



Services

- ✓ Design/Build
- ✓ Energy Storage
- ✓ Service & Maintenance
- ✓ Electric Vehicle Charging
- ✓ Remove & Replace

Warranties

- ✓ 25-Year Product Warranty on Solar Modules
- ✓ 1-Year Workmanship Warranty

Schedule Your Energy Bill Audit



StraightUpSolar.com
(844) 97-SOLAR

Secure Your Project Flexibility: Meet the July 4, 2026 Safe Harbor milestone to lock in your 30% tax credit and a flexible four-year construction window. This protects your ROI from utility delays and ensures maximum equipment choice before stricter 2027 rules take effect.