DIXON PARK DISTRICT

Mr. Bob Olson
112 E Second St
Dixon, IL 61021

Dear Mr. Olson:

The Dixon Park District respectfully requests a grant of $221,490 for a complete solar system for the new indoor facility. We have prioritized our requests into three options: the solar system is our third option of our grant requests.

The Dixon Park District is proposing a complete solar system for the new indoor facility that the Park District will be opening at the beginning of July. The current estimated consumption cost of power for the facility is approximately $8,000 annually or $240,000 for 30 years if the cost stays the same. This array will supply all of the power to the facility. The solar system will relieve the cost for power at the facility for at least 30 years.

The primary need for the solar system is to eliminate the cost of electricity which is rising every year. These increases would not affect the facility electric bill with the addition of the solar system. The solar system will generate its own power and allow us to keep fees down for all youth to be able to enjoy the facility for years to come.

Thank you for your consideration of our request. Please find our cost examples for the solar system in the packet provided. The cost of array and installation is $221,490 with SRec credit of $112,000 over 7 years. Please note this credit may be adjusted by the government. The total cost of the solar system after SRec credit is $109,490. The Park District will write a check for the SRec's to Lee County on an annual basis for the first 7 years which leaves the county with $112,000 in returns from the cost of the build at $221,490.

Meanwhile, should you have any questions, please feel free to contact myself, at (815)284-3306 or director@dixonparkdistrict.com.

Sincerely,

Duane Long
Dixon Park District, Executive Director

ENCLOSURE

Dixon Park District - New Building

The following is an estimate based on the current Illinois SREC incentives and customers ability to use federal tax credits and depreciation

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System Description

Current Energy Consumption/yr	138,504
Proposed System Size (kW)	103.5
Estimated Annual Solar Production	141,853
Estimated Post Solar Energy Consumption/yr	(3,349)

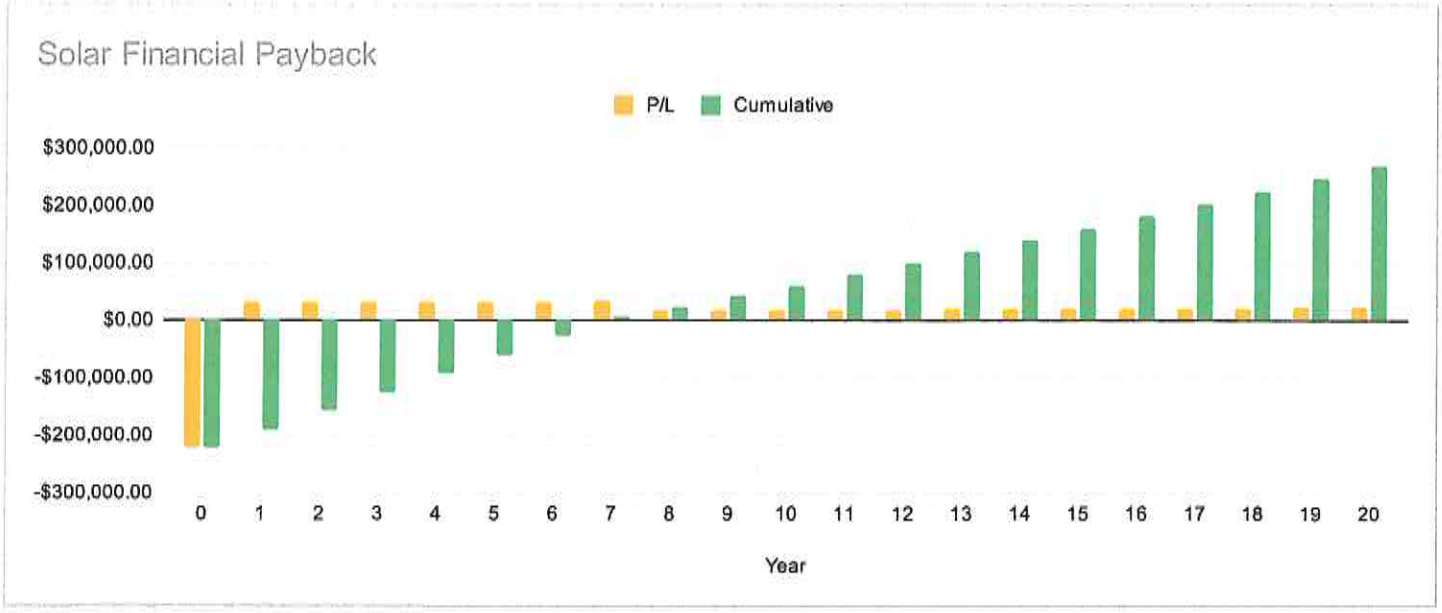
Financial Assumptions

Federal Investment Tax Credit	0%
Effective Corporate Tax Rate	
SREC per MWh	$58.84
Current Cost/kWh	$0.11
ComEd Solar Incentive/kW	
Annual Utility Increase	2.00%

System Costs & Incentives

Gross System Cost	$221,490.00
Investment Tax Credit	$0.00
SREC Credit	$112,000.00
ComEd Solar Incentive	
Accelerated Depreciation	
Total	$109,490.00

Year	Expense	Credit	Power	P/L	Cumulative
0	-$221,490.00	-		-$221,490.00	-$221,490.00
1	0	$16,000.00	$15,603.83	$31,603.83	-$189,886.17
2	0	$16,000.00	$15,915.91	$31,915.91	-$157,970.26
3	0	$16,000.00	$16,234.22	$32,234.22	-$125,736.04
4	0	$16,000.00	$16,558.91	$32,558.91	-$93,177.13
5	0	$16,000.00	$16,890.09	$32,890.09	-$60,287.04
6	0	$16,000.00	$17,227.89	$33,227.89	-$27,059.15
7	0	$16,000.00	$17,572.45	$33,572.45	$6,513.29
8	0	0	$17,923.90	$17,923.90	$24,437.19
9	0	0	$18,282.37	$18,282.37	$42,719.56
10	0	0	$18,648.02	$18,648.02	$61,367.59
11	0	0	$19,020.98	$19,020.98	$80,388.57
12	0	0	$19,401.40	$19,401.40	$99,789.97
13	0	0	$19,789.43	$19,789.43	$119,579.40
14	0	0	$20,185.22	$20,185.22	$139,764.62
15	0	0	$20,588.92	$20,588.92	$160,353.54
16	0	0	$21,000.70	$21,000.70	$181,354.24
17	0	0	$21,420.71	$21,420.71	$202,774.95
18	0	0	$21,849.13	$21,849.13	$224,624.08
19	0	0	$22,286.11	$22,286.11	$246,910.19
20	0	0	$22,731.83	$22,731.83	$269,642.03



Your System

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SYSTEM SIZE	103.50 kW
SYSTEM COST	$221,490
EST. YEAR 1 PRODUCTION	141,853 kWh
EST. YEAR 1 BILL SAVINGS	$12,195

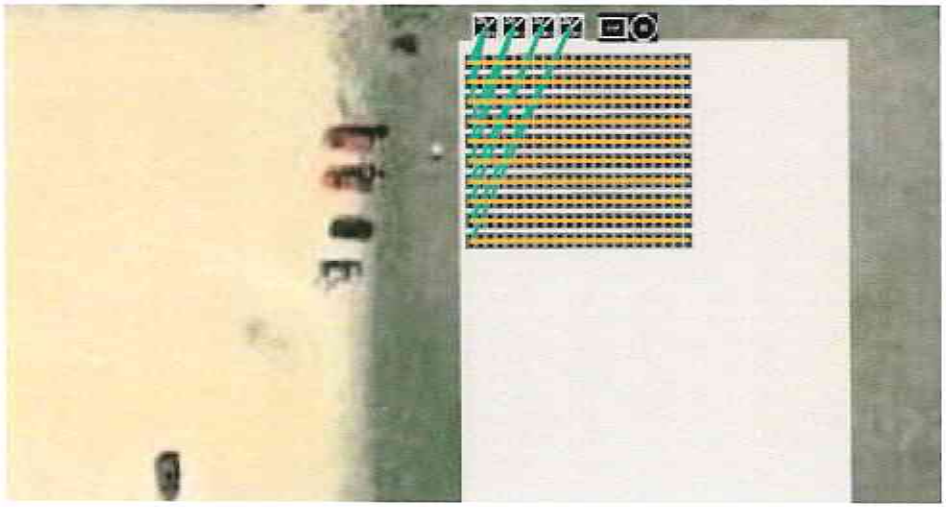
102%

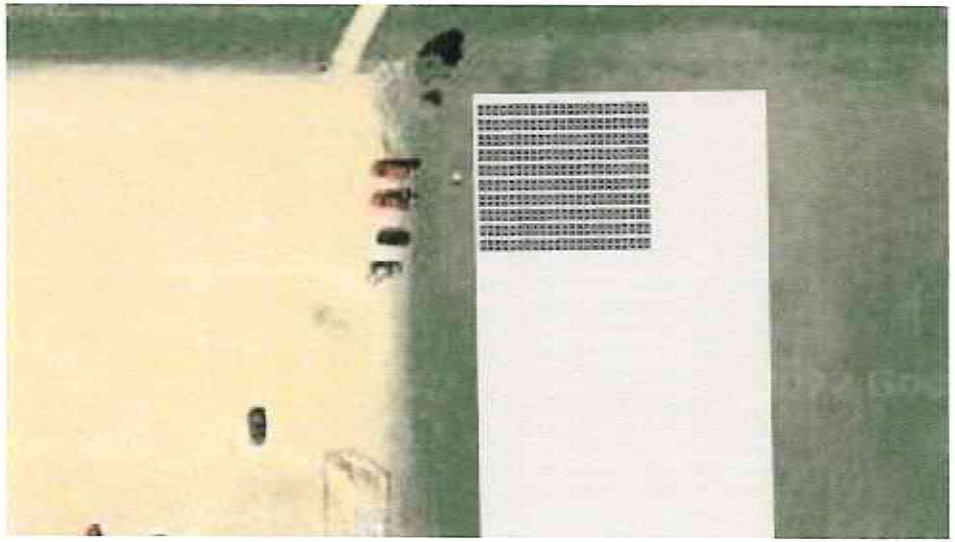
of your energy generated from solar

93%

of your electric bill saved from solar

Your installation uses the latest in solar technology





COMPONENTS

Solar panels

Longi Solar LR4-72HBD-450M

Inverters

SolarEdge Technologies Inc. SE25K

Estimated Annual Solar System Offset

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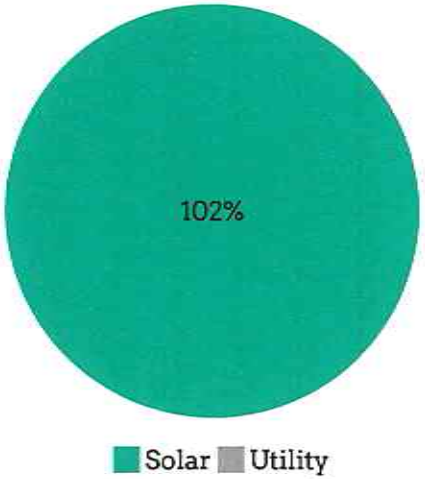

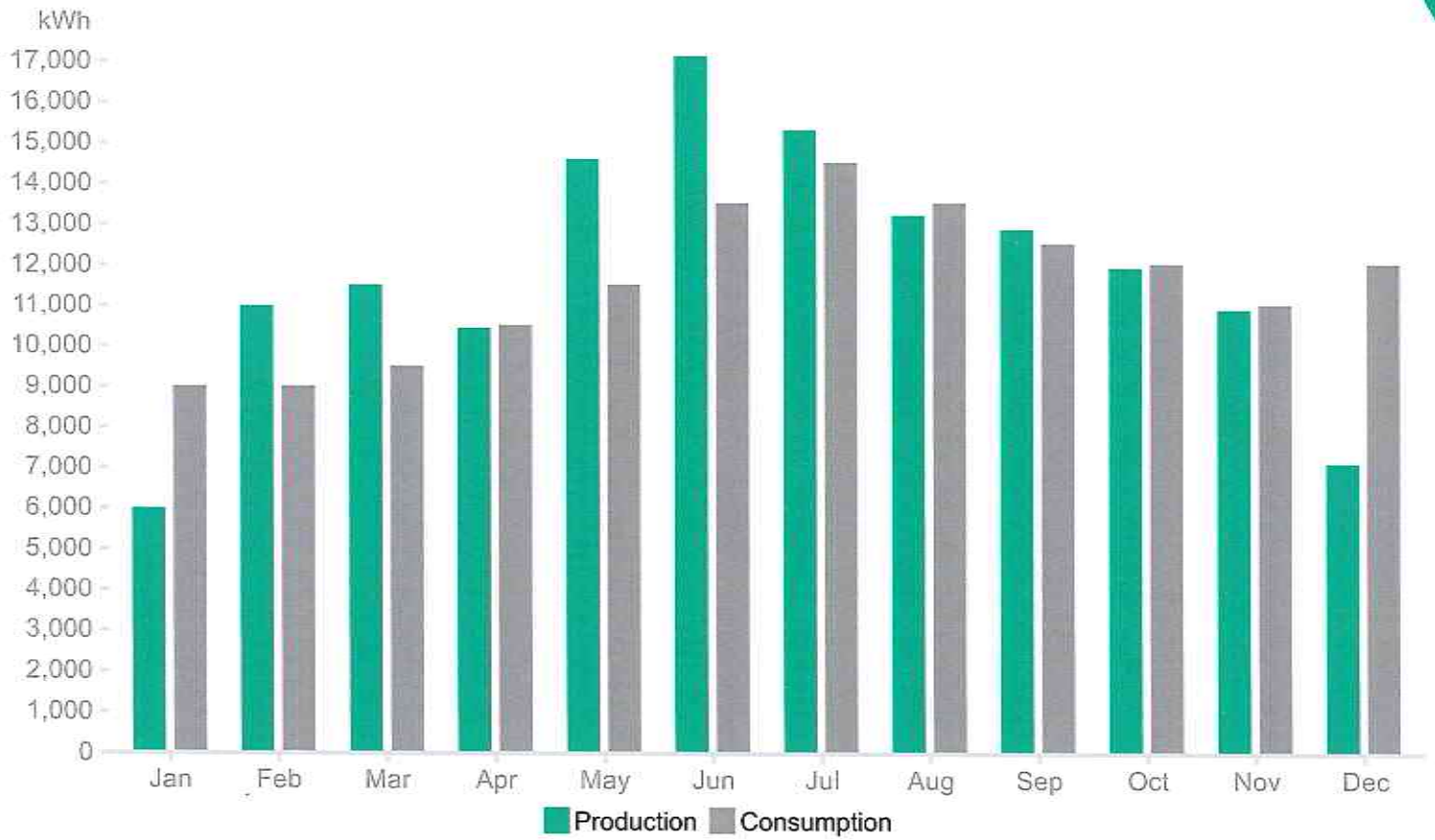

What is the Cost of Not Getting Solar?

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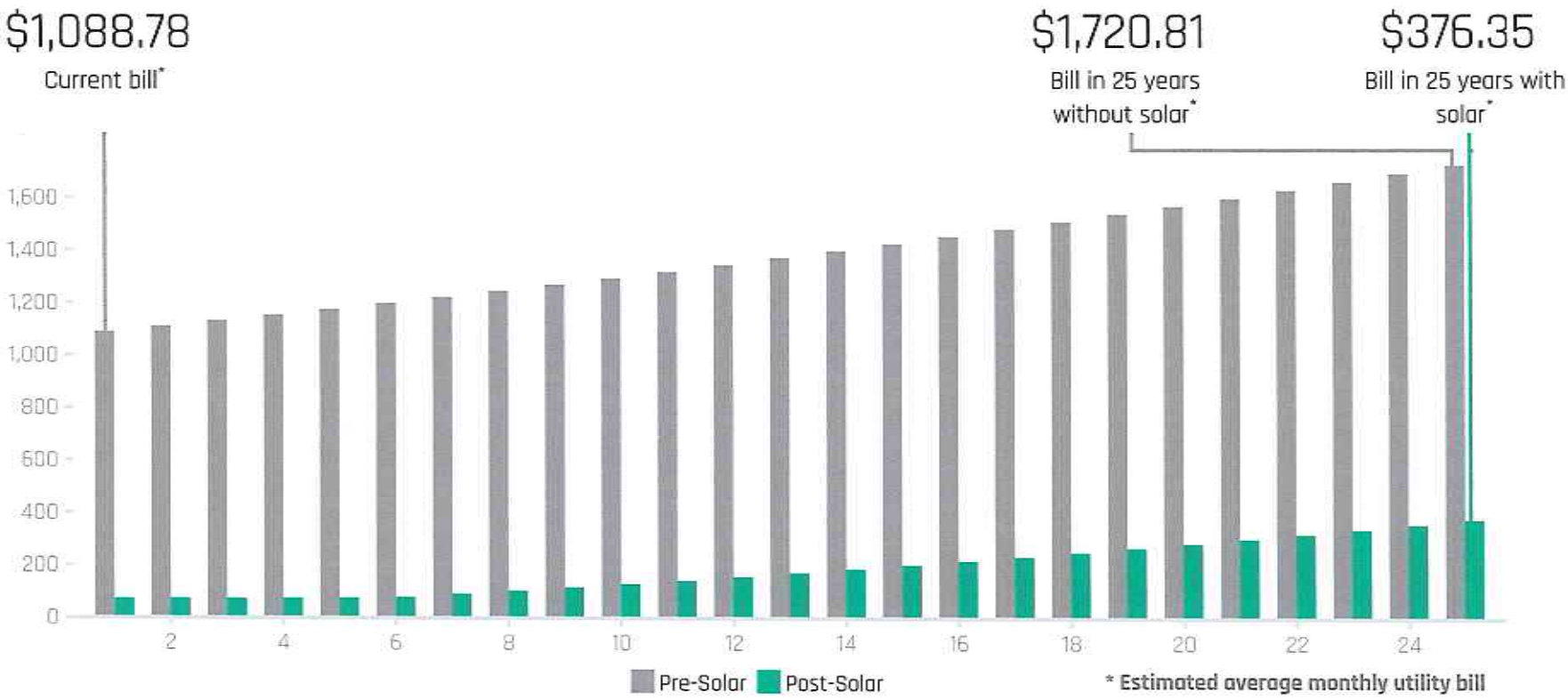

PROTECT YOURSELF FROM RISING ELECTRICITY RATES

Energy prices are projected to increase every year. A solar investment protects against these hikes and keeps generating more and more value every year.

How Much Will You Save With Solar?

Bella Power Services

$67,482

How much you'll save on energy in 25 years*

WITHOUT SOLAR

$1,089
Est. monthly utility bill

$1,721
Est. monthly utility bill in 25 years

WITH SOLAR

$73
Est. monthly utility bill

$376
Est. monthly utility bill in 25 years

*Estimated savings after system purchase, financing, and operating costs. Assumes utility rates increase 2.0% per year, and cashflows discounted at 5.0%.

Rebates and Incentives

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$112,000

Amount you can save off your system from incentives

$0

National Incentives
(26% of a $221,490 system)

$112,000

Illinois Incentives

RECEIVE A CREDIT ON YOUR SYSTEM

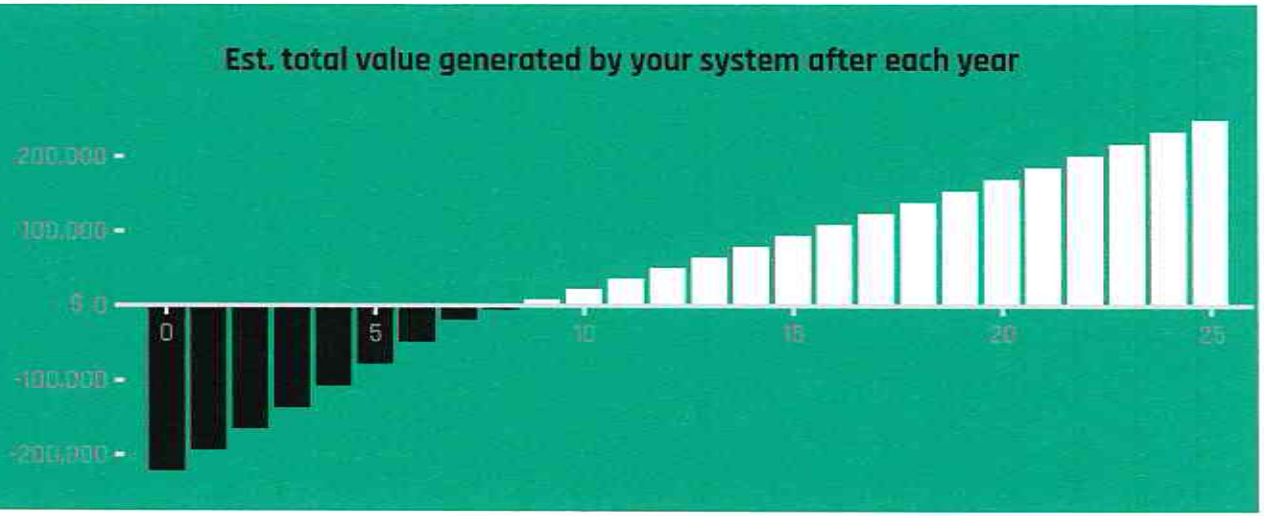
The 26% federal ITC starts to phase our after Dec 31, 2023. Get solar now to take advantage of these discounts!

Cash

Bella Power Services

$67,482

EST. 25 YEAR SAVINGS*



YEAR 1	BEFORE	AFTER
Est. Utility Bill	$1,089	**$73**
Est. Year 1 Monthly Savings		**$1,016**

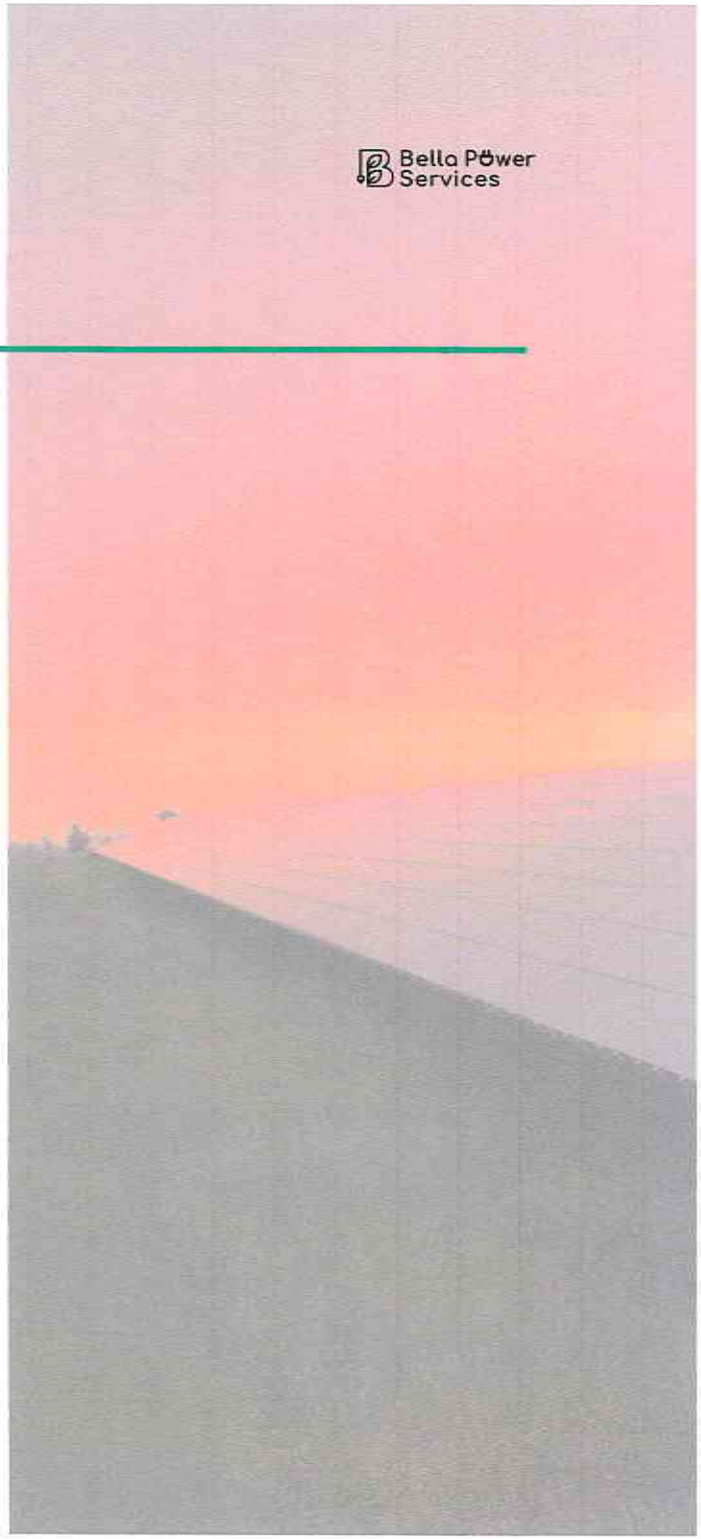
$221,490	System Cost
- $112,000	Grants
- $0	National Incentive
$109,490	**Net System Cost**

*Estimated savings after system purchase, financing, and operating costs. Assumes utility rates increase 2.0% per year, and cashflows discounted at 5.0%.

Warranty

We install our systems directly and warranty our workmanship for a minimum of five years. This protects you against roof leaks, wiring issues and faulty electrical equipment.

We also install tier 1 equipment, much of which is warrantied for 25+ years.



Why Go Solar?

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INVEST IN YOUR HOME

According to a study by Berkeley National Labs,
a solar installation can improve a home's market value by 20%.*

INVEST IN THE ENVIRONMENT

The amount of clean energy you generate in each year compared to conventional utilities would be equivalent to:

Driving
221,791 fewer miles

Growing
57,438 tree seedlings
for 10 years

Taking
19 passenger cars
off the road per year

*"Selling Into the Sun: Price Premium Analysis of a Multi-State Dataset of Solar Homes". Hoen, Ben and Wiser, Ryan et al. Lawrence Berkeley National Laboratory for the U.S. Department of Energy"

FAQ

Bella Power Services

WHAT IS THE 26% FEDERAL TAX CREDIT?

First implemented in 2006, the solar Investment Tax Credit (ITC) is a 26% federal tax credit for residential, commercial and utility scale solar systems placed in service prior to 1/1/2022. The credit is a dollar for dollar reduction in the income taxes of the customer claiming the ITC, worth 26% of the basis invested.

WHAT IS NET METERING?

Net Metering enables residential customers who generate their own electricity to pump excess electricity back to the utility's power grid. All electricity not used by the home and sent back to the grid is credited at a 1-1 retail rate. The utility effectively becomes a built-in battery for the solar system.

Next Steps

Bella Power Services

1. REVIEW AND SIGN PROPOSAL
2. WE REVIEW YOUR SITE AND CREATE ENGINEERING SPECIFIC TO YOUR HOME
3. WE GET UTILITY AND PERMIT APPROVALS
4. WE INSTALL AND ADJUST THE SYSTEM
5. SAVINGS START ROLLING IN
6. REFER FRIENDS AND FAMILY

DIXON PARK DISTRICT

THANK YOU.

We received over $221,000 from Lee County in 2022, making many things possible for us, including adding a solar power system to provide electricity for the facility.