



John A.
Logan
College
Solar
Project

“Dedicated to my great great grandfather Daniel Zimmer, who served in the Union Army as one of John A. Logan’s *Volunteers*, achieving the rank of Corporal in the 31st Regiment of the Illinois Infantry. Daniel served under Logan and Ulysses S. Grant at an early Union victory in the capture of Fort Donelson, which directly led to Logan’s elevation to Brigadier General of the Union Army.”

- Brent Ritzel



Certified



Corporation




StraightUp
SOLAR



Certified



®

Corporation



PV Installation
Professional



Brent Ritzel, MPA:

Role: Senior Solar Project Developer

***NABCEP Certification: PV Technical
Sales Professional***

Years with StraightUp Solar: 10.0

Total Projects Developed: 428

Total kW Developed: 10.77 kW

Total Solar Sales: \$26,925,570

Total Wealth Redistributed

(last 10-years): \$10,250,800

(next 25-years): \$51,160,600



StraightUp
SOLAR



In January 2018 John A. Logan College issued a Request For Proposals [RFP] for the first large scale solar project on a Illinois community college's campus on its largely unused 10-acre plot of prairie immediately south of the Carterville, IL water treatment plant.

Before: February 2018



StraightUp
SOLAR

Before: February 2018




StraightUp
SOLAR

Before: February 2018



StraightUp
SOLAR

During the John A. Logan College Board Meeting of May 22, 2018, following the recommendation of VP Brad McCormack and President House, a team led by StraightUp Solar was selected as the winner of the RFP in a competitive bid against two other companies.



StraightUp
SOLAR

Reasons for StraightUp Solar being selected:

- 1> Sent engineering team for comprehensive Technical Onsite.
- 2 > Most accurate examination of cost offset.
- 3 > 25-year, versus 15-year, rate lock [no escalators!].
- 4 > Representatives from all our teammates participated in presentation.
- 5 > Commitment to utilizing local union labor.
- 6 > \$1,500,000 25-year estimated savings.





Power Purchase Agreement [PPA] Overview:

\$0.04 per kWh locked-in rate, with zero cost escalator:

First year savings \$40,000

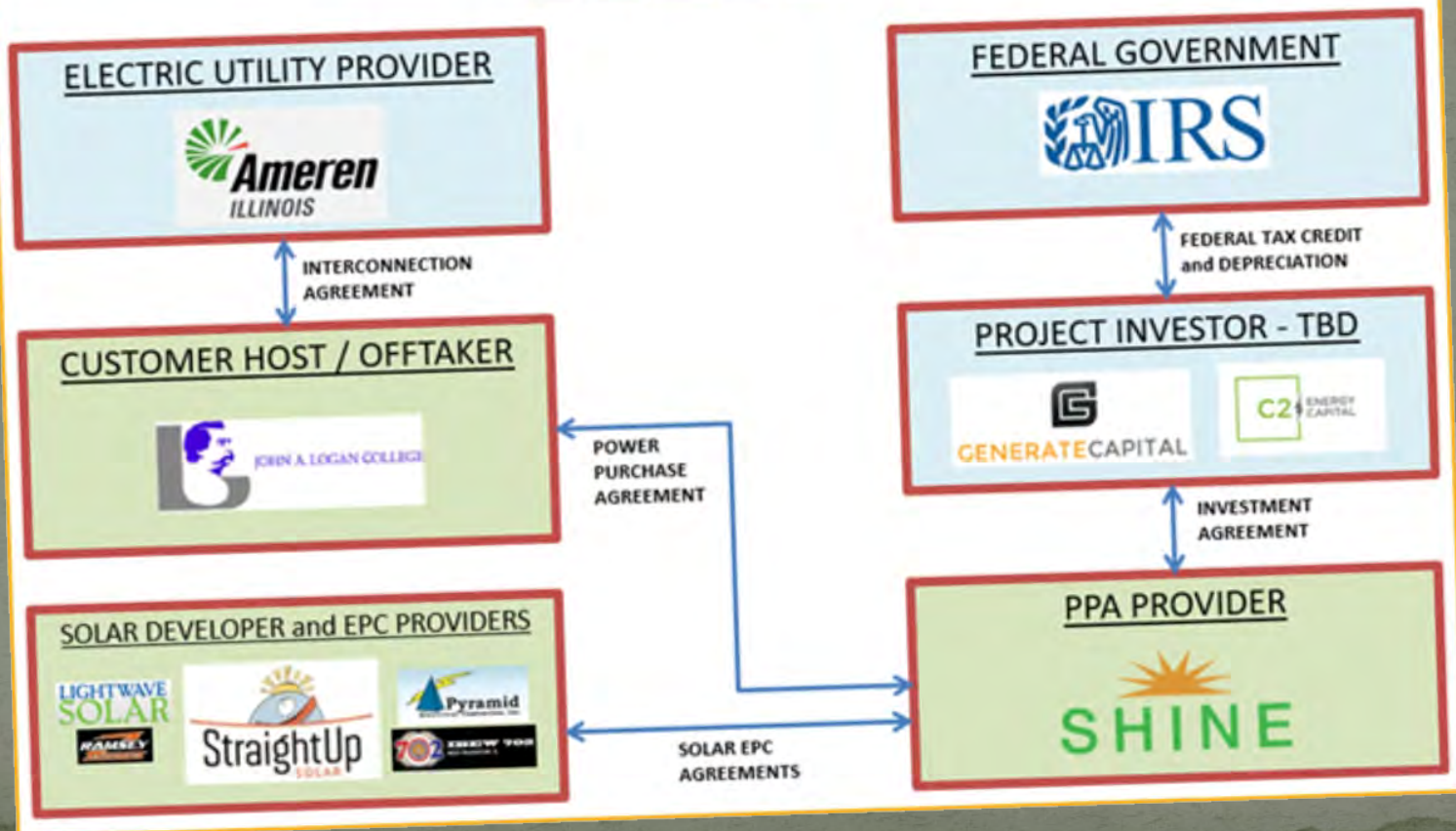
15-year savings \$800,000

25-year savings \$1.5M

Ownership Option beginning at 7 years - savings increases about 40% over the 25-year ' period [\$2.1 million].

JALC provided the land, and system was constructed at no cost to JALC, including no maintenance costs for the life of the system while under the PPA.

John A Logan College Solar Project PPA Structure



Construction began in the Summer of 2019.

System came online on December 18th, 2019.

Project Size: 1,938 kW DC / 1,362 kW AC

Equipment: 5,616 x 345W CSUN modules (panels), 7 x 66kW & 15 x 60kW SunGrow inverters

Mounting Type: Fixed Tilt Ground Mount at 30 degree pitch





Array Footprint:
233,440 sf, 5.35 acres

Cleared-Area Footprint:
465,300 sf, 10.7 acres

Installation consists of five x 359 foot long arrays and twenty-one x 328 foot long arrays that have 15 foot footprints front-to-back (south-to-north) and 11 feet space in-between each of the arrays.



StraightUp
SOLAR

Provides up to 40% of campus electrical needs.

Produces enough electricity to power about 300 Illinois homes annually.

More than 900 feet of underground wiring through the woods and under a creek to reach campus interconnection point.

330 to 600 foot buffer of woods in-between the campus and the solar array area.

A man with dark hair and a grey beard is in the foreground, looking towards the camera. He is wearing a dark blue t-shirt. The background is a large, flat, sandy area with visible tire tracks, likely a solar farm site. In the distance, there is a line of green trees under a cloudy sky.

After: September 2019

The logo for StraightUp SOLAR. It features the words "StraightUp" in a large, black, sans-serif font. Above the "Up" is a thin, curved orange line. Below "StraightUp" is the word "SOLAR" in a smaller, orange, sans-serif font.

StraightUp
SOLAR



StraightUp
SOLAR



StraightUp
SOLAR



StraightUp
SOLAR



Visit our website at:

StraightUpSolar.com

Contact Brent directly:

618.203.4844 – cell

brent.ritzel@straightupsolar.com

StraightUp
SOLAR



StraightUp
SOLAR