

# YOUR SOLAR PROJECT WILL IMPACT YOUNG FAMILY ATHLETIC CENTER FOR OVER 30 YEARS

Energy costs continue to rise, increasing the financial burden on Young Family Athletic Center, which currently spends \$230,213 annually on electricity.

**A Brightwell solar project can change this future.**

## Lower Costs

## A better way to buy electricity *just arrived*

Electricity is a non-negotiable expense, but how you purchase it can be reimagined. A Brightwell solar project allows Young Family Athletic Center to lock in a lower cost of solar energy in year one while protecting against future rate increases. The 592.8 kW PV system will offset 47% of your facility's energy consumption, transforming \$1,638,745 of operating expenses into long-term cost savings that can go back into the programs and services that matter most.

### GOING SOLAR IS AN EASY DECISION



#### Powering the mission

This project will reduce annual operating expenses, allowing Young Family Athletic Center to better allocate needed resources toward their long-term mission and the community they serve.



#### Leading by example

With Brightwell's Energy Management Service Agreement (EMSA), you can purchase solar energy for less than your current utility rate—without the need for upfront investment. Simply sign the agreement, and start saving as soon as the system is installed.



#### Building sustainability

The Brightwell EMSA provides the option to purchase the solar system in the future, shifting even more savings back to Young Family Athletic Center and increasing long-term financial benefits.

## About the Solar Project

# Young Family Athletic Center

## 592.8 kW Solar PV System

Energy Offset	47%
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# of Solar Panels:	1,140
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Annual Production:	889,407 kWh
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Carbon Reduction:	694 tons
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\$1,638,745

### 30-yr Energy Offset

Energy cost offset without investing a dollar towards a solar system

26.68 GWh

### Estimated 30-yr Energy Production

Estimated energy kWh production from solar over the system's targeted lifecycle

41.7M

### Total lbs CO<sub>2</sub> Offset (30-yr)

Equivalent to carbon sequestered by 752 acres of U.S. forests in one year



### About the Solar Installer Partner

EightTwenty and Brightwell combine decades of experience in solar design and installation, structural engineering, NABCEP-certified specialists, and tax incentives experts. We utilize only proven Bloomberg Tier-1 rated solar panels and system technologies backed by industry-leading product and performance guarantees. EightTwenty and Brightwell are committed to delivering best-in-class service that creates raving fans.



## Project Analysis

## Projected Cash Flow

YEAR	SAVINGS POST-SOLAR	EMSA	INSURANCE	ANNUAL CASH FLOW	CUMULATIVE CASH FLOW
2026	\$70,366	(\$62,626)	-	\$7,740	\$7,740
2027	\$73,040	(\$63,252)	-	\$9,788	\$17,528
2028	\$75,815	(\$63,885)	-	\$11,930	\$29,458
2029	\$78,696	(\$64,523)	-	\$14,173	\$43,631
2030	\$81,687	(\$65,169)	-	\$16,518	\$60,149
2031	\$84,791	(\$65,820)	-	\$18,971	\$79,120
2032	\$88,013	(\$66,478)	-	\$21,535	\$100,655
2033	\$91,358	(\$67,143)	-	\$24,215	\$124,870
2034	\$94,829	(\$67,815)	-	\$27,014	\$151,884
2035	\$98,433	(\$68,493)	-	\$29,940	\$181,824
2036	\$102,173	(\$69,178)	-	\$32,995	\$214,819
2037	\$106,056	(\$69,870)	-	\$36,186	\$251,005
2038	\$110,086	(\$70,568)	-	\$39,518	\$290,523
2039	\$114,269	(\$71,274)	-	\$42,995	\$333,518
2040	\$118,611	(\$71,987)	-	\$46,624	\$380,142
2041	\$123,118	(\$72,707)	-	\$50,411	\$430,553
2042	\$127,797	(\$73,434)	-	\$54,363	\$484,916
2043	\$132,653	(\$74,168)	-	\$58,485	\$543,401
2044	\$137,694	(\$74,910)	-	\$62,784	\$606,185
2045	\$142,926	(\$75,659)	-	\$67,267	\$673,452
2046	\$148,358	(\$76,415)	-	\$71,943	\$745,395
2047	\$153,995	(\$77,179)	-	\$76,816	\$822,211
2048	\$159,847	(\$77,951)	-	\$81,896	\$904,107
2049	\$165,921	(\$78,731)	-	\$87,190	\$991,297
2050	\$172,226	(\$79,518)	-	\$92,708	\$1,084,005
2051	\$178,771	(\$80,313)	-	\$98,458	\$1,182,463
2052	\$185,564	(\$81,116)	-	\$104,448	\$1,286,911
2053	\$192,616	(\$81,928)	-	\$110,688	\$1,397,599
2054	\$199,935	(\$82,747)	-	\$117,188	\$1,514,787
2055	\$207,532	(\$83,574)	-	\$123,958	\$1,638,745



## Frequently Asked Questions

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### How does this affect our insurance?

When going solar, the impact investor maintains general liability, excess liability, and property liability insurance. Brightwell will provide a **Certificate of Insurance (COI)** to the organization, which can be shared with the organization's insurance carrier. If your roof has a claim, the deductible will cover the uninstall - reinstall cost.

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### Will this affect our roof?

When installing solar, we evaluate your roof to optimize installation. We work with the installer to limit penetrations and obtain a structural engineer's stamp. **This is backed by a 5-year craftsmanship warranty, alleviating any roof concerns.**

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### Who services the panels?

Solar panels require minimal maintenance. However, the **EMSA includes monitoring and an annual maintenance inspection** to keep the system in peak condition.

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### Does Brightwell have solar expertise?

**Design & Installation**—Brightwell ensures top-tier energy solutions with an in-house team of solar architects, installation teams, structural engineers, certified electricians, and NABCEP PVIP-certified professionals. The Brightwell team has experience installing over 20 MW of solar projects.

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### What happens in bad weather?

Solar panels undergo rigorous testing during the manufacturing process to ensure their durability and resilience in harsh conditions. This includes exposure to extreme temperatures, humidity, and other environmental stressors.

**Hail Warranty**—Panels typically have warranties that cover up to 1" hail at 51.6 mph.

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### What happens if our utility consumption is significantly reduced as a result of an emergency situation?

In addition to property insurance on the installed system, business interruption insurance will also be provided by the impact investor. This insurance helps cover costs that the organization would typically be responsible for if the system is down or the facility isn't operating under normal conditions. This insurance can assist in bridging gaps caused by an outage for periods ranging from one month to a maximum of one year.

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### What type of products does Brightwell use?

Brightwell focuses on top tier products that have the industries longest warranties to ensure our projects last for decades.

**Tier 1 Designation.** The bankable Tier 1 ranking is a classification system signifies a company is considered highly reliable and has a strong financial standing, making it more likely for banks to provide loans for projects using their panels. Ratings of solar companies as top-tier solar panel producers based on their financial strength and production capacity.

**Industry Leading Warranties.** The solar panels, inverters, and racking systems have best-in-class 25-year product warranties and 30-year panel performance warranties.