harvest solar



STATEMENT OF QUALIFICATIONS

2026

20+ YEARS IN RENEWABLE ENERGY — SINCE 2006

01

WHO WE ARE

Harvest Solar is an Engineering, Procurement, and Construction (EPC) firm with 20 years of experience delivering renewable energy solutions for agricultural, commercial, industrial, and municipal customers throughout the Midwest.

Our in-house team of over 100 employees includes engineers, NABCEP-certified PV Installation Professionals, Master Electricians, OSHA-500–certified staff, and dedicated project management, interconnection, safety, and O&M personnel. Because Harvest Solar handles engineering, procurement, construction, and commissioning entirely in-house, we maintain complete ownership of design accuracy, schedule adherence, equipment logistics, and installation standards — and can respond quickly to field conditions, utility requests, and owner-directed changes without waiting on outside subcontractors.

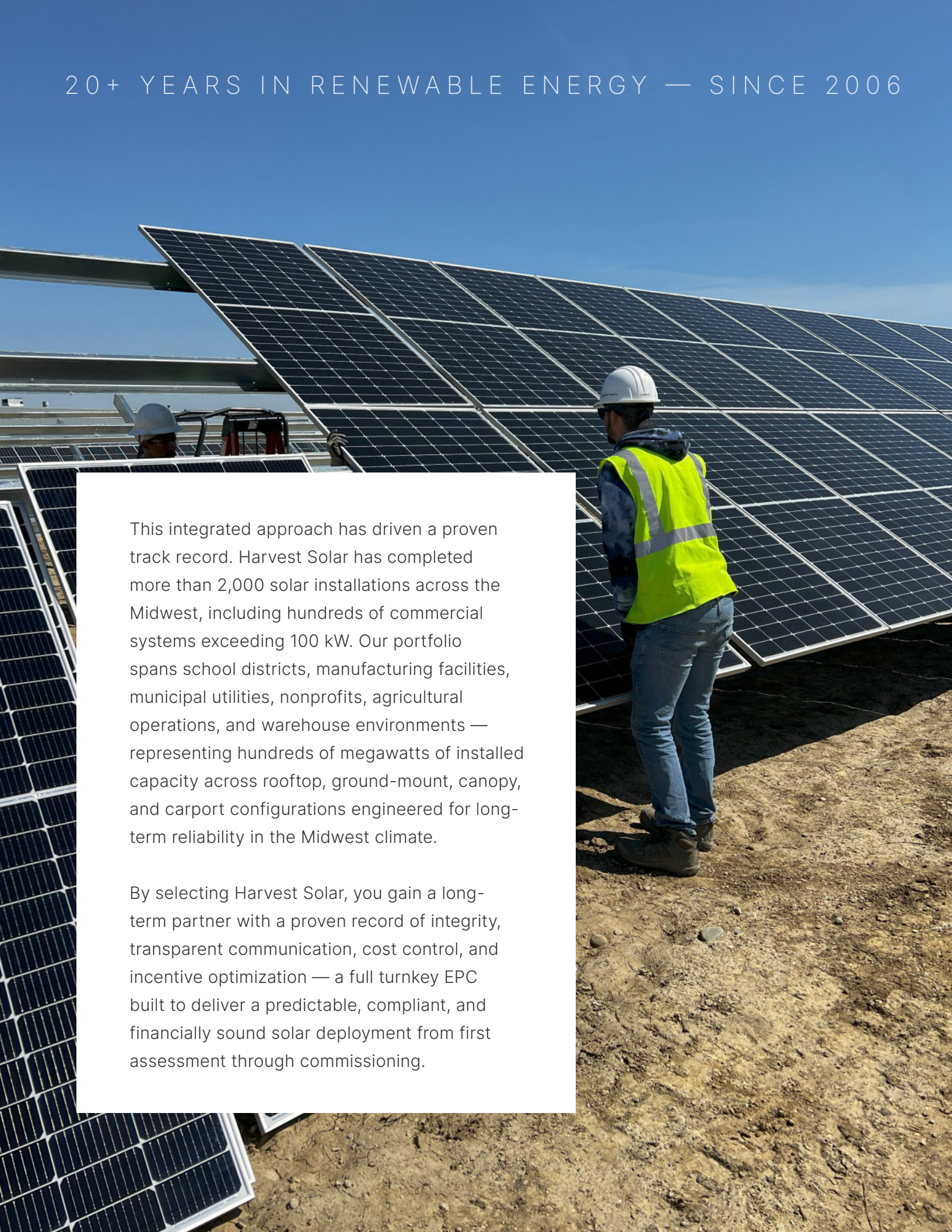


20+
YEARS
INDUSTRY
EXPERIENCE

2,000+
SOLAR
PROJECTS

335+ MW
SOLAR
CONTRACTED

20+ YEARS IN RENEWABLE ENERGY — SINCE 2006



This integrated approach has driven a proven track record. Harvest Solar has completed more than 2,000 solar installations across the Midwest, including hundreds of commercial systems exceeding 100 kW. Our portfolio spans school districts, manufacturing facilities, municipal utilities, nonprofits, agricultural operations, and warehouse environments — representing hundreds of megawatts of installed capacity across rooftop, ground-mount, canopy, and carport configurations engineered for long-term reliability in the Midwest climate.

By selecting Harvest Solar, you gain a long-term partner with a proven record of integrity, transparent communication, cost control, and incentive optimization — a full turnkey EPC built to deliver a predictable, compliant, and financially sound solar deployment from first assessment through commissioning.



02

OUR CAPABILITIES

End-to-End Solar Solutions.
Built in-house. Built to last.

Full Turnkey Solar Delivery

End-to-end service from free site assessment through financial analysis, design, engineering, construction, commissioning, and ongoing operations.

Engineering & Design

In-house design and engineering staff, including licensed PEs, for both roof- and ground-mounted systems.

Construction & Project Management

2,000+ completed projects delivered on time and on budget, backed by rigorous project controls, real-time communication, and daily reporting through Procore.

Financial & Incentive Analysis

In-house financial modeling paired with active collaboration with utility companies to secure optimal incentives, rebates, and tax credits.

Battery Energy Storage Systems (BESS)

Battery storage feasibility, system sizing, financial analysis, interconnection coordination, procurement, construction, and commissioning—available as a standalone solution or integrated with solar.

Self-Perform Capability & Resources

Dedicated fleet of trucks, trailers, and equipment (skid steers, post-pounders), plus in-house electricians, construction crews, and equipment operators, enabling multiple simultaneous job sites.

Commissioning, Monitoring & O&M

Ongoing system monitoring and maintenance performed by certified technicians and master electricians to ensure long-term performance.

Licensed, Bonded & Insured

Active licensing, bonding, and insurance to support project delivery, and readily secure additional state-specific licenses as projects require.

Certified Workforce

NABCEP-certified sales professionals and installers, a safety program led by two OSHA 500-certified personnel, and an OSHA-trained workforce.

Regulatory & Utility Compliance

Deep experience navigating AHJs and utility interconnection, with internal protocols for prevailing wage and apprenticeship program compliance.

03

QUALIFICATIONS & CREDENTIALS

Our team includes Professional Engineers, NABCEP-certified PV Installation Professionals, master electricians, and OSHA 500-certified personnel. These in-house capabilities provide greater control over quality, scheduling, cost, communication, and accountability throughout every phase of a project.

Harvest Solar maintains an established surety program with bonding capacity of up to $25,000,000 per project and $150,000,000 in aggregate. This capacity reflects the financial strength and resources required to support complex commercial and utility-scale projects from mobilization through completion and warranty. Our surety provider carries an A.M. Best A+ (Superior) rating.

Safety is embedded throughout every phase of our work. Harvest Solar's safety program is led by OSHA 500 personnel. Their leadership supports comprehensive workforce training, consistent jobsite safety practices, and proactive hazard identification. Our low Experience Modification Rate (EMR) reflects this strong safety culture and is reinforced by a robust safety plan and an active incident-reporting program focused on prevention, transparency, accountability, and continuous improvement.



04

OUR LEADERSHIP

Harvest Solar's leadership team brings over 100 years of experience in renewable energy development, engineering, construction, operations, finance, and safety. Family ownership and hands-on oversight provide continuity from strategy through project delivery.

100+

YEARS OF COMBINED LEADERSHIP EXPERIENCE

FULLY INTEGRATED EPC

Engineering | Construction
Operations | Finance | Safety

Executive Team



Mark Olinyk
CO-FOUNDER

Helped establish and grow Harvest Solar, drawing on more than 30 years of entrepreneurial experience across renewable energy, agriculture, and manufacturing to build a strong foundation for its future.



Wendy Olinyk
CO-FOUNDER

Oversees accounting, human resources and administrative functions and has helped build Harvest Solar through more than 20 years of sales, marketing, and operational leadership.



Lucas Olinyk
CEO

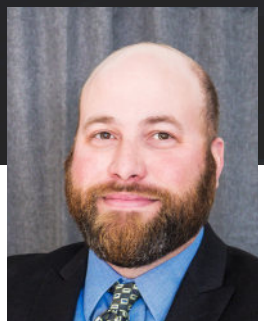
Leads Harvest Solar's strategic vision, long-term growth, and overall business direction, drawing on leadership experience in engineering, sales, marketing, and business operations.



Tim Mahler
PRESIDENT

Oversees daily operations, organizational development, and execution of company strategy, bringing more than three decades of experience across clean energy, construction, finance, and operations.

Functional Leadership



Rob Miller
VP OF ENGINEERING

Leads system design, engineering coordination, and technical development. Background in engineering, quality management, project management, and continuous improvement.



Allen Bonthuis
VP OF SALES & MARKETING

Brings more than 20 years of sales leadership and NABCEP PV Technical Sales certification, with experience across agriculture, manufacturing, and business management.



Ryan Baar
VP OF OPERATIONS

Leads construction, project management, fleet, and service operations, with more than 25 years of commercial construction experience and a hands-on operating style.

Ken Zebarah | Director of Commercial Sales

Bryan Schultz | Director of EPC Accounts

Bryan Rollins | Director of Field Operations

Evann Rohloff | Director of Preconstruction

Judson Anderson | Director of Construction

Tammy Ludwig | Director of Safety



05

EXPERIENCE ACROSS THE MIDWEST

Commercial & Agriculture			
Agriculture (Suttons Bay, MI)	1.1 MW	Ground	2016
Industrial (Jackson, MI)	2.2 MW	Ground	2022
Industrial (Baroda, MI)	1.5 MW	Ground	2022
Utility Portfolio (Michigan)	19 MW	Ground	2025
Municipal Portfolio (Jackson, MI)	2 MW	Ground / Roof / Carport	2025
Agriculture (Ithaca, MI)	3 MW	Ground	2025
Industrial (Coldwater, MI)	1.1 MW	Ground	2024
Education (Alpena, MI)	2 MW	Ground	2026
Tribal (Brimley, MI)	11 MW	Ground	2026
Commercial (University Park, IL)	1 MW	Roof	2025
Industrial (Kalamazoo, MI)	1.7 MW	Ground	2027
Industrial (Zeeland, MI)	1.2 MW	Roof	2027
Education Portfolio (Jackson, MI)	550 kW	Ground / Roof	2024
Agriculture (Sublette, IL)	500 kW	Ground	2024

EPC			
Industrial (Alpena, MI)	25 MW	Ground	2023
Utility (Republic, MI)	90 MW	Ground	2025
Community Solar Portfolio (Illinois)	30 MW	Ground	2025
Community Solar Portfolio (Illinois)	60 MW	Ground	2026

20+
YEARS EXPERIENCE

2,000+
SOLAR PROJECTS

335+ MW
SOLAR CONTRACTED









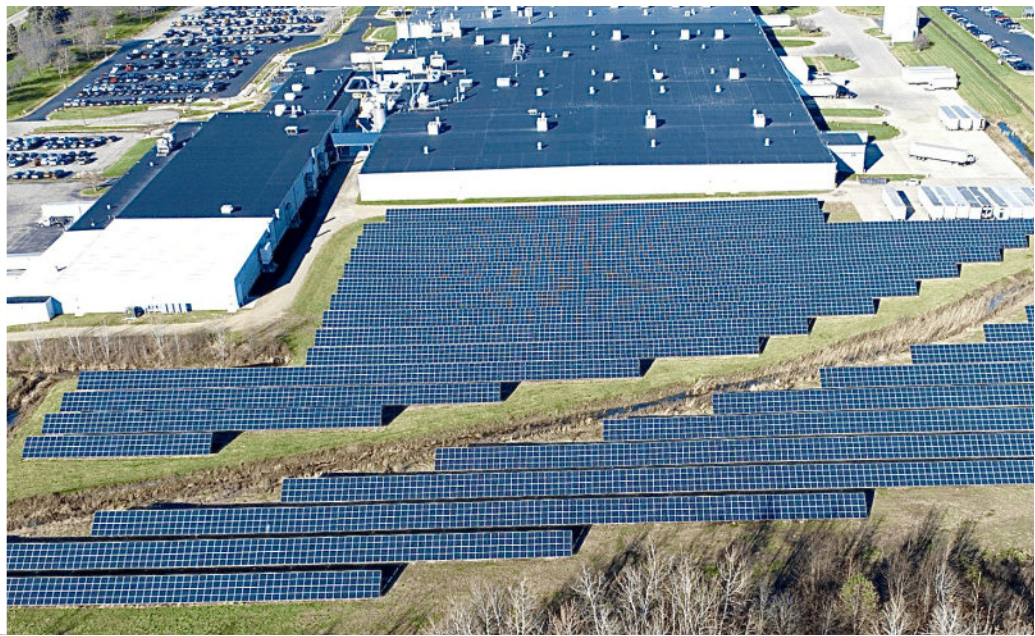












06

DELIVERY PROCESS

Designed. Built. Delivered.

Initial Consultation
We start by understanding your unique energy needs and goals.

Customized Service Offering
Our team evaluates your project requirements to create a customized plan.

Detailed Proposal Development
Receive a comprehensive proposal focused on safety and quality.

Strategic Project Planning
A dedicated Project Manager sets clear expectations and timelines.

Innovative Design & Engineering
Our team handles all design aspects, ensuring regulatory compliance.

Execution & Construction
We manage construction phases with precision and regular updates.

Post-Construction Review
We conduct a detailed review, including utility inspections and final approvals.

Seamless Project Close-Out
Smooth transition to operation with training and final paperwork.

Ongoing Maintenance
We offer comprehensive maintenance services for long-term optimal performance.

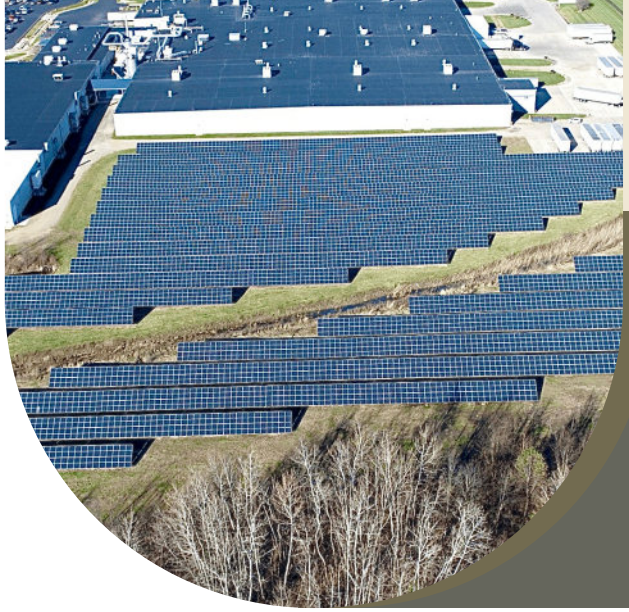












TAC MANUFACTURING

AUTOMOTIVE MANUFACTURING FACILITY
JACKSON, MI | CASE STUDY

TAC Manufacturing has successfully implemented a 2.2MW ground-mounted solar array spanning 8 acres of previously unproductive land. This initiative has resulted in an annual cost savings of $261,601.

AT A GLANCE

CHALLENGES

- Capital Investment
- Available space and placement of panels
- Permitting and regulatory hurdles
- Equipment lead times

BENEFITS

- Reduction of fossil fuel consumption
- Significant reduction of electric bill
- Less reliant on utility grid
- Environmental leadership in Community

"TAC has been committed to reducing our reliance on carbon generating energy sources for many years. To that end, TAC and its Associates are proud to announce that we are taking a large step in that direction, by investing with local companies, in one of the largest private solar fields in Jackson County. "

SCOTT STURGIS
TAC Manufacturing Director

Scan the QR Code to learn more about TAC Manufacturing's Solar Success Story!

OBJECTIVES

TAC Manufacturing, like many industrial facilities, faces significant energy demands. Welding robots, painting booths, and complex assembly lines all require substantial electricity. Fluctuating grid prices and concerns about long-term energy security posed a financial challenge. Additionally, TAC, a brand known for its commitment to quality, felt a responsibility to reduce its environmental impact.

SOLUTIONS

To meet TAC Manufacturing's specific needs, Harvest Solar, a local Jackson company, conducted a comprehensive solar analysis. This included factors like available space, utility rates, potential tax incentives and rebates. The resulting solution - a strategically placed 2.2MW solar PV system - was designed, built, and wired entirely by skilled Jackson professionals employed by Harvest Solar. This "behind-the-meter" system directly offsets TAC's energy use, maximizing cost savings without the need for battery storage at this time.

FAST FORWARD

Estimated kWh Generation
This solar array has a nameplate capacity of 2.08 MWdc and is estimated to generate approximately 2,837,287 kWh per year.

Estimated Savings
The projected savings on utility bills over 30 years from this solar array amount to $15,894,543.

Estimated CO2 Offset
The solar array's estimated CO2 offset is equal to the emissions from burning 2,222,433 pounds of coal.

Estimated Tax Incentives, Rebates, etc.
TAC has factored in a 26% Federal Investment Tax Credit for this project to reduce the ROI to 5 years.



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LAKESHORE DIE CAST

ALUMINUM & ZINC DIE CASTING
BARODA, MI | CASE STUDY

Through the successful implementation of 150 kW and 1.5MW ground-mounted solar arrays, Lakeshore Die Cast has achieved annual savings of $215,860.

AT A GLANCE

CHALLENGES

- High Initial Investment
- Zoning & Building Codes
- Weather Dependency
- High Energy Demand

BENEFITS

- Energy Bill Savings
- Performance Monitoring
- Energy Independence
- Hedge Against Future Electric Rate Increases
- Operational Stability

"With Harvest Solar, they gave me the template to do all the work I needed to do, to actually get the project done the right way. Since we started installing solar here at the shop, we've almost completely gotten rid of our electric bill. My projects with Harvest Solar really went to plan, and I really didn't have to worry about it which is the best you can ask for."

ADAM SCHALLER
Vice President of Lakeshore Die Cast

Scan the QR Code to learn more about Lakeshore Die Cast's Solar Success Story!

OBJECTIVES

Lakeshore Die Cast's operations demand immense energy, from running powerful 500- to 1,000-ton die cast machines to maneuvering massive steel components. With utility costs projected to rise unpredictably, energy efficiency isn't just a priority—it's a necessity. To safeguard cost stability and fuel long-term growth, the company embraced a forward-thinking, sustainable energy strategy.

SOLUTIONS

Recognizing the need for a reliable and cost-effective energy solution, Ken Zebarah designed two solar systems tailored to Lakeshore Die Cast's high-power demands: a 150kW ground-mounted array, followed by a larger 1.5MW system. The 150kW array was implemented first as a proof of concept, allowing Lakeshore Die Cast to test performance and validate Harvest Solar's expertise. After seeing successful results, Adam confidently moved forward with the larger project. Engineered for optimal sunlight capture, these systems have drastically reduced operational energy costs and provided long-term rate stability. Our in-house team expertly managed the installation, and our service department maintains ongoing system monitoring and direct communication with Adam to ensure peak efficiency and performance.

FAST FORWARD

Estimated kWh Generation
With a combined nameplate capacity of 150 kWdc and 1,493.1 kWdc, these solar arrays were expected to generate 2,215 MWh annually. They outperformed expectations, producing 2,310 MWh in 2024 and 2,230 MWh in 2023.

Estimated Savings
The projected savings on utility bills over 25 years from both solar array's amount to approximately $12,270,678.

Estimated CO2 Offset
These solar array's offset as much CO2 as burning 2.8 million pounds of coal and emitting 173 metric tons of CO2.

Estimated Tax Incentives, Rebates, etc.
Lakeshore Die Cast has factored in a 26% Federal Investment Tax Credit, accelerated depreciation and the initial 150kW system was awarded the USDA REAP Grant (25%) for this project to reduce the ROI to 4.5 years.



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EVANSVILLE COLD STORAGE

FROZEN FOOD STORAGE FACILITY
EVANSVILLE, IN | CASE STUDY

Evansville Cold Storage has successfully implemented a 1MW ground-mounted solar array. The facility has been running on solar since 2020, saving around $150k each year.

AT A GLANCE

CHALLENGES

- Initial Investment
- Zoning Approval
- Utility Upgrades
- Weather & Location Variability

BENEFITS

- Hedge Operating Costs Against Rising Electric Rates
- Tax Incentives
- High Energy Demand Matches Solar Production
- Favorable Utility Policies
- Strong ROI

"We're busy running our business, we're not looking for something that we have to go and maintain, and solar checks those boxes for us. When we installed this solar system from Harvest, our electric bill was $12,000 or $13,000 and today it's less than around $2,000. So big, big savings for us. It allows us to provide a service to our customers at a more value-oriented rate."

DYLAN REXING
President/CEO of Evansville Cold Storage

Scan the QR Code to learn more about Evansville Cold Storage's Solar Success Story!

OBJECTIVES

In the cold storage industry, preserving the quality and integrity of temperature-sensitive products is the top priority, and ECS excels in delivering on that standard. Their facilities are designed to meet the highest industry requirements, ensuring products remain at optimal temperatures from arrival through distribution. This level of reliability requires substantial electricity, as refrigeration and freezing systems run continuously to maintain precise conditions, making energy one of the facility's largest operating costs. With utility rates continuing to rise, the ECS team began exploring a long-term solution to gain greater control over those expenses.

SOLUTIONS

Solar proved to be a natural fit. With a steady demand for electricity and available land behind the facility, ECS was well-positioned to take advantage of the technology. Even with open roof space, ECS chose a 1 MW ground-mounted system to take advantage of the unused land, allowing the panels to be placed at the ideal angle and direction for higher production and offering easier expansion as energy demands increase. The system now helps offset a significant portion of their power usage, reducing utility costs and creating greater predictability for the business. By transforming unused land into a source of clean energy, ECS has strengthened its long-term financial outlook while supporting its commitment to sustainability and a zero-carbon-footprint goal.

FAST FORWARD

Estimated kWh Generation
This solar array has a nameplate capacity of 1184kWdc and is estimated to generate approximately 1,724,036kWh per year.

Estimated Savings
The projected savings on utility bills over 30 years from this solar array amount to over $10 Million.

Estimated CO2 Offset
The solar array's estimated CO2 offset is equal to the emissions from burning 136,368 gallons of gas annually.

Estimated Tax Incentives, Rebates, etc.
Evansville Cold Storage has factored in a 30% Federal Investment Tax Credit for this project to reduce the estimated ROI to approximately 3 years.

***Since 2020, the life of this array has averaged 98% of what we estimated for kWh and savings!**



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