



Carports

Real Businesses, Real Solar Success

• Local Airport - near Jackson, MI

- **Project:** A local airport integrating solar into its parking lot to offset energy use and support airport operations.
- **Outcome:** The project delivers long-term energy savings and positions the airport as a leader in sustainable transportation infrastructure.
- **Challenges Overcome:** Managed FAA restrictions on glare, height, and electrical work during integration with a new & different electrical service.
- **Incentives:** The project is cashflow-positive, with utility savings paying for the solar system as part of the municipality's broader efficiency plan.

• Local Municipality - near Jackson, MI

- **Projects:** Solar carport system for public parking at a local government facility.
- **Outcome:** The installation delivers measurable savings on electricity expenses and demonstrates the cost-effective potential of solar for municipal property.
- **Challenges Overcome:** The strategic placement around an underground geothermal field, variables with public traffic and safety of vehicles & pedestrians, perimeter setbacks, etc.
- **Incentives:** The project is cashflow-positive, with utility savings paying for the solar system as part of the municipality's broader efficiency plan.

• Woods Carport - Raymond, IL

- **Project:** A grain facility that utilized the underused area beside their bins to install a solar carport, providing covered space for trucks.
- **Outcome:** Delivered major energy savings for the farm and added covered protection for equipment and vehicles.
- **Challenges Overcome:** Navigating regulations around adding structures or solar systems near grain storage areas.
- **Incentives:** Took advantage of federal and agricultural-specific solar incentives.

WHY SOLAR WORKS HERE:

Dual-purpose Use of Space

By generating clean energy, solar carports turn parking lots into efficient, dual-purpose assets, perfect for properties lacking room for roof or ground-mounted systems.

Optimal Solar Performance

Each solar carport is purposefully engineered to maximize solar performance while ensuring lasting structural strength.

Strong ROI & Incentives

They offer the same financial incentives as roof or ground mount arrays, plus the added benefits of energy savings and enhanced property value.

Added Comfort & Safety

These structures enhance the parking experience year-round, offering shade in the summer and helping prevent snow buildup in the winter.

Scalable & Customizable

Solar carports can be tailored to fit any parking configuration and are easily expandable to meet future energy needs.