



PIONEER RESOURCES

NONPROFIT ORGANIZATION
MUSKEGON, MI | CASE STUDY

Pioneer Resources has successfully completed 8 solar projects, installing a combined 205.96kW of ground and roof-mounted solar arrays. These systems are saving a total of \$27,474 annually in energy costs.

AT A GLANCE

CHALLENGES

- Upfront Costs
- Funding
- Long-Term Planning
- Multiple Locations
- Site Use

BENEFITS

- Community Impact
- Significant Energy Cost Savings
- Mission Alignment
- Educational Opportunities
- Energy Independence
- Grants

The 8 projects include:

- 73.6kW Roof Mount
- 40.4kW Roof Mount
- 16.8kW Roof Mount
- 16.4kW Roof Mount
- 15.2kW Roof Mount
- 18kW Roof Mount
- 10.4kW Roof Mount
- 18.36kW Ground Mount



**Scan the QR Code
to learn more
about Pioneer
Resource's Solar
Success Story!**

OBJECTIVES

Pioneer Resources is a nonprofit organization dedicated to helping individuals with disabilities and seniors achieve greater independence and dignity. Through inclusive programs in supported housing, accessible transportation, recreation, and community engagement, they create opportunities for people to live, learn, grow, and thrive. Every decision is guided by what best supports their members, reflecting their deep commitment to empowerment and inclusion. Their move toward solar energy aligns perfectly with their mission of independence and sustainability, benefiting not only their members and community but also the planet for future generations.

SOLUTIONS

At Harvest Solar, we take pride in partnering with organizations whose values align with our own, those dedicated to supporting their communities and advancing sustainability in meaningful ways. Pioneer Resources embodies that mission every day through the programs and services they provide. Working alongside their team, Jake Schuster helped identify their energy goals and develop a solar solution to bring them to life. With eight systems now in operation across their facilities—including the administrative, transportation, and residential buildings—Pioneer Resources is experiencing significant cost savings that can be reinvested directly into the programs that benefit their members.

FAST FORWARD

Estimated kWh Generation

These solar arrays have a combined nameplate capacity of 205.96kWdc and are estimated to generate approximately 236,000kWh per year.

Estimated Savings

The projected savings on utility bills over 30 years from these solar arrays amount to \$1,152,669.13.

Estimated CO2 Offset

The solar array's estimated CO2 offset is equal to the emissions from burning 11,058 barrels of oil.

Estimated Tax Incentives, Rebates, etc.

Pioneer Resources has qualified for the Federal Direct-Pay incentive to reduce the average ROI to approximately 16 years.