

MBS International Airport

Car Rental Parking Lot Solar & EV Infrastructure

Freeland, MI



PROJECT SAVINGS

18,204,153



Miles driven by an average passenger vehicle

309,167



Trash of waste recycled instead of landfilled

8,300



Acres of US forest in one year

DECARBONIZATION

Contract Amount:
\$2,293,050

Guaranteed Annual Energy Savings: \$26,849

Estimated Increased Annual Revenue: \$70,000

Projected IRA Reimbursement: \$632,294

“MBS is proud to announce a partnership with Veregy to construct a \$2 million solar canopy over the airline terminal rental car areas, starting in mid-November.

This project, expected to be completed by early 2025, will reduce energy usage at the terminal while providing covered parking and electric vehicle charging locations for rental vehicles.

MBS is hoping this is the first of many solar projects to be completed with Veregy over the next few years. “

- James Candors, Airport Director

PROJECT OVERVIEW

Veregy is collaborating with MBS International Airport to install 342 kW of solar-powered car canopies at their rental car lot. The solar canopies will offset some of the electric usage at the airport terminal and are estimated to increase revenue by \$70,000 through additional parking fees. The solar canopies are anticipated to have a kWh production of 407,550 annually. Solar production will be tracked in real-time through a Solar Asset Management System. Over the guaranteed life of the solar modules, the project will reduce the airport’s CO2 emissions by 7,100 Metric Tons. In addition, Veregy will supply and install the EV Charging Infrastructure to make ready for six EV charging Level 2 stations. Through this project, MBS International Airport will achieve energy savings and increased revenue on an annual basis.

PROJECT HIGHLIGHTS

- 342 kW of Solar Car Canopies
- EV Charging Infrastructure up to Six Level 2 Chargers
- \$1.7 M of the Project Funded with CFC’s
- Projected Inflation Reduction Act (IRA) Reimbursement \$632,294
- TIPS Procurement
- Anticipated Construction Start April 2025
- 20 years post-construction Measurement & Verification included
- 589 Tier 1 Solar Modules with 30-year Guaranteed Production
- 0.4 Solar Degradation Annually
- Under-Canopy Lighting and Bird Deterrent

VEREGY.COM | 800.460.0995