


Jackson County Energy Project

Jackson, MI

PROJECTED 20-YEAR
PROJECT SAVINGS

31,370

Tons of CO₂
Reduced

6,820

Cars removed
from the road

1,307,115

Trees planted to
sequester carbon

DECARBONIZATION

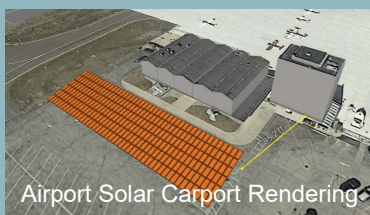
Contract Amount:
\$28,132,751

Est. Cost After Federal
Funding (ARPA/IRA):
\$14,423,506

Projected 20 Year Energy &
Operations Savings:
\$26,933,956

"We have always sought ways to reduce our environmental footprint and reduce our energy costs. This project does both and improves the comfort and therefore quality of our employees' lives while at work. We are very pleased to partner with Veregy, an industry leader in the field."

- Michael Overton,
Administrator/Controller



Airport Solar Carport Rendering

PROJECT OVERVIEW

With a focus on stretching taxpayer dollars, the County and Veregy worked together to develop a comprehensive scope of work across 25+ locations that will save approximately \$26.9M in energy and operational costs for Jackson County and its taxpayers over the next 20 years. With a 48% (\$13.7M) cost reduction through available federal funding (ARPA/IRA), this was an opportune time for the County to invest in energy and operational efficiency while enhancing County facilities. Jackson County and Veregy are committed to utilizing a skilled workforce and maximizing local subcontractor participation to create jobs and stimulate the local economy.

PROJECT HIGHLIGHTS

- HVAC system replacements including a new geothermal system at the Courthouse, and several chillers, boilers, air handling units, rooftop units, and more at various facilities
- Installation of a non-proprietary building automation system including Orchestrate integration to LightLevel (solar asset management) and EnergyTracer (utility monitoring/analytics)
- LED lighting upgrades at various buildings, parks, and garages
- (7) solar arrays (ground-mounted/rooftop/carports) totaling 1.071 megawatts DC, at the Youth Center, Department of Transportation, Landfill, Human Services and Event Center, Courthouse, and Airport Terminal
- Electric vehicle charging at the Courthouse for public use
- Master planning services countywide
- Building refurbishment and wastewater treatment installation at the Landfill with a goal of 95% leachate reduction and net-zero emissions

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