Project Overview

The School District of Algoma partnered with McKinstry to design, install, commission and monitor a 185.6 kW-dc solar photovoltaic (PV) fixed tilt ground-mount system installed at the Algoma High School. The project will generate 253.4 megawatt-hours (MWh) of solar energy each year, saving the District on their annual utility costs while increasing sustainability by offsetting an estimated 38.5 percent of the facility’s annual electricity consumption.

In addition to substantial energy cost savings, McKinstry proactively assisted the District in receiving more than $41,500 in financial incentives/grants offered through Focus on Energy’s Renewable Energy Competitive Incentive Program (RECIP) and WPPI Renewable Energy Grants for Non-Profits. The combination of these incentives/grants and annual energy savings will help the project pay for itself in just under 16 years.

Our technology-agnostic approach and integrated design services delivered a streamlined solution that deployed best-in-class products at lower costs. Our engineers maximized system energy production to ensure the District was receiving the most from their investments at minimal ongoing operating and maintenance costs, and with no disruption to the District’s operations.