

PROJECT CASE STUDY

CENTER GROVE SCHOOLS Powering Toward Net-Zero with Solar Energy



ENVOCORE SOLUTIONS

- ◆ Installed complete solar systems including modules, inverters, racking, wiring, and all balance of system components.
- ◆ Integrated solar installations into the existing energy infrastructure of co-located schools and administration buildings.

DRIVERS

- ◆ Primary goal was to reduce energy costs and drive facilities toward net-zero energy use.
- ◆ Project supports the goal of producing as much energy as the facilities consume annually.
- ◆ Two schools will become the first net-zero schools in Indiana.
- ◆ Solar power helps reduce peak demand, aligning production with the hottest part of the day.

BY THE NUMBERS



6,245

BALLAST
BLOCKS

(~74 tons of
concrete!)



2,993,320 KWH

ANNUAL
ENERGY SAVED
ACROSS ALL
SITES



5,259

SOLAR
MODULES
OF VARIOUS
SIZES

PROJECT BACKGROUND

Envocore installed both rooftop and ground-mounted solar arrays across four locations, including a unique system that powers two separate facilities from a single array. Each system was designed to offset the energy load of its host facility. In total, the project delivers 1.59 MW of rooftop and over 1.33 MW of ground-mounted solar power—advancing the district’s energy efficiency and sustainability goals.

ABOUT CENTER GROVE

Center Grove Community School Corporation is a public school district serving the residents of White River Township in Johnson County, Indiana—just 20 minutes south of Indianapolis. With a staff of over 1,200, the district is committed to providing a high-quality education to approximately 9,600 students in Kindergarten through 12th grade. As the 32nd largest district in the state, Center Grove includes six elementary schools, two middle schools, and one high school.

Fun fact: A single solar panel can produce enough electricity in a month to power a standard classroom for over 150 hours!