

Flint Energies Service Center Operations Complex



a **NUCOR** company



LOCATION

Fort Valley, GA

SIZE

166,000 sf

WALL SYSTEM

Insulated Metal Panel
Slate Gray

ROOF SYSTEM

Loc Seam 360
Pearl Gray

BUILDING END-USE

Electrical Service Center Complex

The Flint Energies Service Center Operations Complex brings together multiple facilities totaling approximately 166,000 sf, supporting daily operations, maintenance, and field service functions critical to serving the surrounding region. The project includes three PEMB systems; Buildings B, C, and D—alongside a conventional corporate office structure. Together, the campus functions as a centralized hub that enables Flint Energies to operate efficiently while remaining responsive to the needs of the communities it serves. Buildings B, C, and D house essential functions, including a maintenance and paint shop, service and lineman operations, covered storage and wash bays.

Large clear spans were necessary to support multiple overhead cranes, while expansive open areas were critical for vehicle movement and equipment access. Building C, which serves as the service and lineman operations' facility, features a massive open canopy designed to accommodate trucks and field vehicles. The structure was constructed using a lean-to framing system, allowing for wide-open coverage without interior obstructions, which is an ideal solution for staging, loading, and daily fleet activity. Insulated metal panels and insulation were used to help achieve robust R-values, thereby supporting both energy efficiency and sustained operational excellence across the campus.