



STATE CORRECTIONAL INSTITUTE FAYETTE

LA BELLE, PA



SAFETY RECORD

ZERO Recordable Events



PROJECT SIZE

611,269 sq. ft.

2 buildings

\$38.9M



PROJECT SCHEDULE

5/13/22-current



CONTRACT METHOD

ESPC



SAVINGS INFORMATION

Annual energy and operational savings of \$2.3M



SCI Fayette is a 2,050 bed Medium-Maximum security prison for males in La Belle, Fayette County SE of Pittsburgh, Pennsylvania. Opened in September 2003, the facility is situated on 258 acres with 53 acres enclosed within the security perimeter. The facility heats and produces domestic hot water with steam. Additionally, the facility cools with steam through absorption chillers. Fayette Thermal, LLC. provided steam to SCI Fayette under a 20-year contract which expired February 2022. Since that time, the SCI Fayette has provided their own steam with boilers they purchased from Fayette Thermal and a rental boiler for redundancy.

SOLUTION

- Interior and exterior lighting, inverters, and micro-lite
- Interior and exterior lighting replacement to LED-warehouse and autoshop
- Water conservation measures
- Kitchen exhaust hood controls and MUA replacement
- High-efficiency transformers
- Walk-in box controls and replacement of walk-in evaporator and refrigerant line
- New facility-wide Building Automation System (BAS)
- Correct the ventilation issues in the Dietary Area and "K" block bathrooms
- RTU and AHU- steam cleaning and air filter replacement
- Replacement of the Simplex Fire System
- Replacement of 7 of the 19 domestic hot water generators
- Elective Vehicle (ev) charging stations
- Installed and upgraded CUP Mechanical equipment
- provided redundant electrical feed to chillers
- Replacement of dietary collars and hot boxes
- Installed new waste bagging systems in the was ladder building

RESULTS

Our \$38.8M SCI Fayette prison project in PA is coming along nicely. While there typically isn't much we can do in terms of glamor shots at a prison, in this case we are basically building an almost new central utility plant (CUP) within the walls of their old plant building outside the fence.