



## THE GEO GROUP

New Jersey

### FSG Upgrades Lighting and HVAC at 5 Correctional Facilities

**Owner**

The GEO Group (Formerly CEC Intl.)

**Contract Type**

Energy Efficiency Upgrade

**Contract Amount**

\$1,660,938

**Electrical Contractor**

Facility Solutions Group, Inc

**Energy Firm**

PSE&G

**Energy Savings**

\$315,060 a year

**Number of Fixtures Replaced**

1,308

### CHALLENGE

GEO Corrections & Detention provides secure corrections and detention management services as well as secure offender transportation services to government clients in the United States and Internationally. Worldwide, GEO Corrections & Detention oversees the operation and management of approximately 96,000 beds in 136 correctional and detention facilities. FSG performed Energy Upgrades at 5 New Jersey Facilities in Newark and Trenton: Bo Robinson, Logan Hall, Talbot Hall, The Harbor and Tully House. These facilities each house anywhere from 148 to 900 individuals.

### SOLUTION

Both interior and exterior lighting systems were upgraded to the newest technologies to provide energy savings and reduced maintenance costs. FSG's experienced installation teams worked in the secure environment to provide minimal disruption. Over 295 tons of rooftop HVAC units were also replaced.

### RESULT

Energy retrofits will provide over \$315,000 in energy savings annually. Life on exterior lighting fixtures increased from 24,000 hours to 100,000 hours, greatly reducing future maintenance costs. FSG coordinated a PSE&G rebate that covered 80% of material and labor costs, resulting in a very short payback period.

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