



Cherry Hill Public Schools

Engineer of Record for Do-It-Yourself Energy Performance Project

PROJECT INFORMATION

CONCORD DIVISION

Commercial

PROJECT LOCATION

Cherry Hill, NJ

MARKET

K-12 Schools

SERVICES

Engineer of Record

CONSTRUCTION COST

\$8.2 Million

ABOUT THE CLIENT

The Cherry Hill Public Schools are a comprehensive community public school district, serving students in pre-kindergarten through twelfth grade from Cherry Hill Township in NJ. The district's 19 schools have an enrollment of over 10,000 students. It is one of the larger suburban school districts in the state.



PROJECT SUMMARY

Concord Engineering championed a Do-It-Yourself Energy Performance Project at 19 school facilities in the Cherry Hill Public School District. The project took advantage of lucrative energy savings along with capital surplus to perform much needed school infrastructure projects. Concord assisted the district in identifying energy opportunities, developing the energy savings plan, presenting the financial benefits, designing, and engineering the improvements, and assisted in managing the construction. This project utilized multiple funding sources (Utility Programs, Clean Energy Programs, District Funds) to offset the district's initial investment costs. All major construction was completed expeditiously and so that all classroom spaces were occupiable, and systems were operational throughout the school year.

PROJECT HIGHLIGHTS

- \$8.2 million dollar project with a projected annual utility savings of \$385,000.
- Leveraged the NJ Clean Energy Program's Direct Install Program and PSE&G's Direct Install Program for several of the district's projects, reducing the overall cost up to 70% on those items.
- Capital infrastructure upgrades were provided:
 - New hydronic piping, specialties, pump replacement and electrical upgrades.
 - New major HVAC equipment including boilers, chillers, and rooftop units.
 - New, fully integrated district-wide HVAC Controls System for remote monitoring and control of all buildings.
 - New high-efficiency, lighting and lighting controls.
- District Preventative Maintenance Programs were enhanced through utilization of SchoolDude™ maintenance software and scheduled maintenance tasks.