



NEW BRUNSWICK PUBLIC SCHOOLS

New Brunswick, New Jersey



Prepare • Empower • Inspire

Owner

New Brunswick Public Schools

Contract Type

Lighting

Contract Amount

\$2,636,000.00

Electrical Contractor

FSG

Energy Firm

Johnson Controls

Number of Fixtures Replaced

33,166

LIGHTING CASE STUDY

FSG Delivers Success for Massive New Jersey School District Lighting Upgrade Project

CHALLENGE

New Brunswick Public Schools is a vibrant, diverse school district located in one of New Jersey's most historic communities - a thriving college town that's been home to Rutgers University for nearly 250 years. New Brunswick's population is 55,000, and its school district enrolls more than 10,200 students from preschool through grade 12. When school officials made the decision to upgrade both interior and exterior lighting at 10 schools, covering 1.2 million square feet, they knew they needed to partner with an experienced and reliable lighting and electrical contractor. For this important project, New Brunswick Public Schools turned to FSG's New Jersey branch.

SOLUTION

FSG was awarded the contract to provide material, labor, project management, and rebate coordination for the lighting upgrades at 10 area campuses. Throughout the project, FSG installed 16,721 new LED fixtures, 32,890 LED lamps (both screw-in lamps and tubes), and occupancy sensors to provide additional energy savings. FSG crews installed upgraded Type B LED lighting in classrooms and offices across the school district, removing future ballast issues for school maintenance personnel. In areas where the existing light fixtures were of more recent vintage, FSG installed LED tubes to keep the project cost down while still delivering lower energy costs and peak light levels. In gymnasiums, new high bay lighting was installed. Exterior lighting including updated parking lot lighting was also part of the project work scope.

RESULT

Throughout the project, FSG crews performed their work with minimal or no disruption to the normal operations at each school. All work was completed to the satisfaction of New Brunswick Public Schools administrators, and the entire project was viewed as a success by school officials, teachers, parents, and students.

