Gloucester Schools Are Taking Climate Action

Creating a healthy environment for Gloucester students, now and into the future

LEA Name: Gloucester Public Schools **NCES District ID:** 2505280
Location: Gloucester, MA **Zip:** 01930-2227

Need/Challenge

Overcoming capacity limitations and budgetary restraints by bring together building users, the Department of Public Works, and the local utility to map out the steps to making comprehensive, strategic improvements.

Impact

Expand our capacity to manage and plan updates. Given the existing controls systems and equipment, small steps towards improved management and planning can make a tangible improvement in the comfort and quality of learning environment of our teachers and students.

Energy Champions

The team includes Department of Public Works technical experts, representatives from National Grid, the local utility, and school department leadership. The City's Energy Champions are City's Sustainability Coordinator, and the School the Department's Transportation Coordinator. This team would bring together expertise, coordination, and the resources at National Grids disposal such as engineering assessments, financing options and incentives.

Gloucester High School

250528000774

Key Projects:
- DDC controls
- Replace outdated boilers with air-to-water heat pumps
- Weatherization
- EV chargers and rooftop solar

Pain Point: HVAC system is in critical need of replacement. The exciting system has a major negative impact on the comfort of building users.

O'Maley Middle School

250528000779

Key Projects:
- DDC controls
- Replacement of windows and doors
- Improve efficiency of HVAC system
- Weatherization
- EV chargers and rooftop solar

Pain Point: Windows and doors are outdated and the building has limited weatherization resulting in higher energy use and operating costs.

Beeman Elementary School

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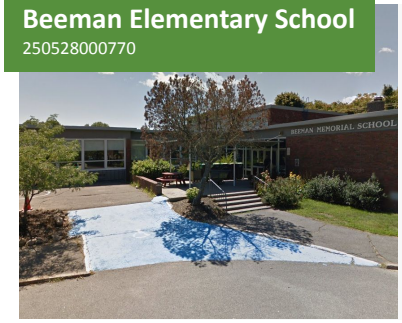

Key Projects:
- DDC control
- Weatherization
- Improve efficiency of HVAC system
- New unit ventilators

Pain Point: Several pieces of equipment are outdated and inefficient and a basic control system limits the ability to manage energy use and costs.