



## REGIONAL SCHOOL DISTRICT 13

Durham, CT

***NORESCO delivered on time-sensitive, coordinated objectives set by the customer and substantially reduced the cost of taxpayer-funded bond work.***

RSD13 school leaders identified the need to upgrade end-of-life infrastructure and implement energy source diversification in the school district. Recognizing that the scope of necessary changes exceeded the budget that could be secured through public funding, the district organized a bond referendum to allocate funds for this work.

The customer's key concerns included minimizing the cost of the bond referendum, coordinating an energy performance contract (EPC) with bond work, and meeting key deadlines to ensure uninterrupted operation of the schools. NORESKO was selected for the project due in part to its experience coordinating other K-12 EPC projects with bond work.

NORESCO worked closely with RSD13 administration and staff as well as the architect managing the bond-funded renovation project to execute work concurrently. NORESKO also successfully coordinated EPC work with scheduled utility gas pipe installation to ensure full conversion from oil to gas before the fall heating season, which was a key client concern going into the project.

NORESCO's experienced project development team identified a unique savings opportunity. By implementing LED lighting together with automated lighting controls which complied with Eversource's higher incentive tier, RSD13 qualified for \$650,708 in utility incentives. This resulted in substantial cost and energy savings for the district.

RSD13 leaders' combined approach of bond-funded renovations with EPC-funded improvements resulted in an improved learning environment for students, faculty and administration.

**Project Cost:** \$4,422,815

**Annual Cost Savings:** \$227,486

**Contract Term:** 16 Years

**Contract Type:** EPC

### Technical Highlights:

- LED lighting & controls
- HVAC upgrades and installation
- New air-cooled chiller
- Energy management systems
- Four new hot water boilers
- Power factor correction
- Computer power management
- Pipe and mechanical equipment insulation
- Oil-to-gas fuel conversion

### Savings:

- \$650,708 in utility incentives
- 914,634 kWh per year in electricity savings

### NORESCO

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