

NEW ENGLAND QUILT MUSEUM

LOWELL, MA

AT A GLANCE

Energy Source completed an energy efficiency project at the New England Quilt Museum (NEQM) in Lowell, Massachusetts.

The Energy Source team provided high impact solutions in support of NEQM's carbon reduction goals.

KEY METRICS

New England Quilt Museum took action to overcome their site's energy challenges. The Energy Source team provided high impact solutions in support of NEQM's carbon reduction goals.



70%

savings on
lighting-related expenses



MINIMAL
out-of-pocket expenses



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CHALLENGES

The New England Quilt Museum (NEQM) was spending a significant amount on annual energy bills; the impact of these costs were challenging the museum's operating budget. The existing lighting was very inefficient and required a high level of maintenance; the museum required energy-efficient technology to lessen the burden of energy costs. Project management and implementation of utility incentives can seem overwhelming to businesses. Saving on energy costs is important, but more so is having minimal disruption to daily operations.

SOLUTIONS

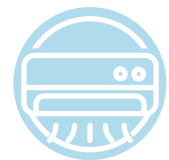
Energy Source evaluated the existing lighting systems, identified energy saving opportunities, and proposed appropriate LED lighting upgrades, including controls.



Electrical



Weatherization



Heat Pumps

ENERGY SAVING

Energy Source was able to provide NEQM with energy savings by closely working with their team on all areas of the project scope.

1

INITIAL AUDIT & COMPREHENSIVE SURVEY

The Energy Source team conducted an initial site assessment, including a comprehensive survey indicating areas within the museum where energy-efficient technology could be implemented.

2

PROPOSAL & UTILITY INCENTIVES

Once energy-saving measures were identified Energy Source worked with NEQM to utilize all available utility incentives. A final proposal was then presented, reflective of energy and cost savings.

3

PROJECT BUILD OUT & END RESULTS

The Energy Source team built-out the project to NEQM's expectations, including improved lighting solutions throughout. Ultimately, NEQM drastically decreased their energy costs and reduced their carbon footprint through these efficiency measures.