



New York City leading by example, retrofitting all public buildings by 2025; projects already in place include Brooklyn Museum working with energy partner’s National Grid & Thermaxx Jackets to make their facility more energy efficient.

Case Study – Brooklyn Museum, Insulation Upgrade

Project Information

- **Upgrade Technology:**
Insulation for boilers and HVAC components
- **Location:**
Brooklyn , NY

- **Market Partners:**
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The Brooklyn Museum is an art museum located in the New York City borough of Brooklyn. At 560,000 square feet, the museum is New York City's third largest in physical size and holds an art collection with roughly 1.5 million works. Brooklyn museum is part of a citywide push to become more energy efficient by 2025. The museum has partnered up with National Grid taking advantage of their energy efficiency program & offsetting the cost of the sustainable upgrades. Brooklyn Museum called upon insulation specialist, ThermaXX, LLC to install custom-made, removable insulation jackets and hard insulation to prevent the loss of heat from HVAC components. As a result of this insulation system, the museum’s mechanical and boiler rooms are operating more efficiently, with less waste heat and reduced fuel costs –the museums expects to recoup its costs for the project in under three years.

ENERGY EFFICIENCY MEASURES INSTALLED

- Custom insulation system for the museum’s mechanical and boiler rooms
- Removable insulation on mechanical components
- Hard insulation on piping

BROOKLYN MUSEUM	
UPGRADES	
Total Cost	\$56,951.00
National Grid Incentive Payment	\$25,951.00
Cost to Customer	\$31000.00
ESTIMATED ANNUAL SAVINGS	
Annual Savings	\$37,936.28
Payback Period	18.01 months
Energy Consumption Savings	37,936 therms