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Dan Smith, Energy Efficiency Coordinator—Dept. of Buildings & Grounds, Bard College

Learning how to save on lighting costs with a smart energy efficiency program.

Founded in 1860, Bard College is a co-educational, four-year college of the liberal arts and sciences in Annandale-on-Hudson, NY.

With a strong commitment to educating students, faculty and staff about working locally and nationally toward a greener future, Bard College engages in sustainability efforts on multiple fronts. Working with Lime Energy through the Central Hudson Commercial Lighting Program, to make energy-efficient interior and exterior lighting upgrades throughout campus, is one of the efforts that helped them achieve that goal. After a brief assessment, a program proposal highlighted the potential impact that making energy-efficient lighting upgrades throughout Bard College would have on annual energy costs.

"With the help of the program, Bard College was able to conduct a campus-wide upgrade to its interior and exterior lighting stock, retrofitting over 6,300 fixtures with a mix of energy-efficient florescent and LED technology," says Dan Smith, Energy Efficiency Coordinator—Dept. of Buildings & Grounds. "The project improved light levels, aesthetics, and maintenance outlooks, while saving on power and energy costs. Bolstered by program incentives and expected to save more than 1,500,000 kWh annually, the project was extremely cost-effective with a payback of 2 years—a smart investment and a great outcome for the College."

Annual savings	\$110,161.00
Incentive paid	\$372,214.00
Measures implemented	T8s, Interior and Exterior LEDs
Total project cost	\$597,626.00

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