

PPL Energy Services | City of Bethlehem

The city of Bethlehem, Pa., was searching for ways to reduce its energy budget in its parks and public property. PPL Energy Services conducted a thorough energy analysis for the city and replaced energy and lighting systems in several key buildings, including city hall, the library, the skating rink and a number of fire stations.

The city was able to finance the \$1.3 million project through the Pennsylvania-guaranteed Energy Savings Act, which allows a municipal government to request proposals for lighting, heating and cooling projects that could be paid solely by the energy savings over 10 years.

PPL Energy Services used H.T. Lyons, one of PPL's local mechanical contractors, to install a variety of energy efficient systems, including a variable air volume system, variable frequency fan drives, electronic ballast and lamp retrofits, and high efficiency lighting in signs. PPL Energy Services also helped the city upgrade ice-making equipment for the municipal ice skating rink, providing necessary improvements to an important revenue source for the city.



Operational:	March 2001
Project Cost:	\$1.3 million
Project Scope:	Comprehensive energy improvements in several key municipal buildings, including city hall, library, skating rink and a number of fire stations.



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