

THE INSIDE STORY



County Jail LED Lighting Project

In March 2009, Allegheny County completed a project at the County Jail that replaced more than 805 incandescent light fixtures with high-efficiency LED lights, which consume 83 percent less energy, the equivalent of reducing the County's energy consumption by 184 kilowatts.

The cutting-edge, patented LED fixtures were installed in the pod areas of the jail where lights are required to remain on 24 hours a day. The LED lights are expected to last 20 to 25 years with a projected savings of more than \$178,000 in the first year.

The LED fixtures are manufactured by Appalachian Lighting Systems in Ellwood City, and 75 percent of the fixture components are produced in the United States. Pittsburgh-based ImbuTec Inc., an energy solutions company and minority business enterprise, served as project manager.

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