

Job Facts: Exelon's turbine hall is 13,888 square feet. Westinghouse HY Series hybrid fixtures replaced an old system of 1000-watt incandescent and 400-watt high-pressure-sodium fixtures. After the hall was renovated and painted, the new system was mounted at 40' — 3-lamp fixtures over the center of the room, 4-lamp fixtures at the ends of rows to better light corners. The Westinghouse system provides energy savings and delivers 30–35 footcandles (FC), a significant improvement over 10–19 FC from the old fixtures.

Before

Monthly kWh Savings

80%

Annual Energy Savings

\$30,000

BENEFITS:

Calculations indicate a 6-month payback on the new lighting system. Exelon was initially skeptical of the projected energy savings but is now happy with the performance of the T5 High Output Precision Optics from Westinghouse. Along with the energy savings, the new system has a higher Color Rendering Index (CRI) — meaning that employees can see better, more comfortably and accurately on the job.