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Yates Electric Services completes Pratt & Whitney lighting retrofit project

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In late 2010, Yates Electric Service completed a major lighting retrofit project at the Pratt & Whitney aircraft engine part manufacturing facility on Wells St. The project entailed Yates' replacement of 1,600 - 400W HID metal halide light fixtures with, energy efficient 270W fluorescent T5 fixtures.

The fast-track project commenced in June 2010 and was completed as scheduled in October 2010. Yates managed a team of two crews that provided installations on platform lifts over work areas in the expansive fully occupied facility. The work was provided without disruption to Pratt & Whitney's production schedules.

The lighting improves light quality and substantially reduces the building's energy consumption, saving 208,000 watts of energy - exceeding the ASHRAE 90.1 2004 standard by 15%. The new fixtures are equipped with occupancy sensors, further enhancing their energy efficiency.

Pratt & Whitney will receive a rebate from Central Maine Power (CMP) for the installation.

Shown is a 400W metal halide light bulb.

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