



PROJECT SCOPE

582-Fixture Warehouse
Interior and Exterior LED
Luminaire Upgrade

Lighting Plan
Reconfiguration Designed to
Support Roll Room Specs

ISNetworld Quality and
Safety Scorecard Verification

Two-Phase Implementation
Schedule to Account for
Covid-19 Safety Protocols

RESULTS

\$17,503 in Annual Energy
Savings

\$7,562 in Annual
Maintenance Savings

\$560 in Annual
HVAC Savings

5.1-Year ROI Payback

218,792 kWh Saved Annually

ISNetworld Scorecard Grade:
A – Rated “Exceptional
Contractor” and Approved to
be a Georgia Pacific
US Vendor

UPGRADE AT GEORGIA PACIFIC'S MT. OLIVE PRODUCTION FACILITY CORRECTS LIGHTING DEFICIENCY WHILE DELIVERING \$25K+ IN OPERATIONAL COST SAVINGS

PROJECT SUMMARY

Business: Georgia Pacific
Business Type: Paper Products Manufacturer
Location: Mt. Olive, Illinois

Global paper products giant, Georgia Pacific, needed a lighting upgrade at their manufacturing site in Mt. Olive, Illinois. The existing system was antiquated, inefficient and did not support the updated configuration of their roll room process areas. The poor light quality negatively impacted workplace safety and comfort, in addition to reducing the efficacy of newly installed automated scanning equipment.

IoEnergy conducted an Efficient Enterprise Report audit and determined that an LED lighting upgrade could improve the facility's lighting quality, while also delivering operational savings in the form of lowered energy, maintenance and HVAC costs. The project, which included the installation of 582 fixtures, will pay for itself in 5.1 years, at which point Georgia Pacific will pocket the annual cost savings for a total ROI over analyzed years of 88.91%.



"The job went great. The lighting quality has improved so much, it's like night and day...literally! The IoEnergy team worked safely and efficiently around our running operations, and we couldn't be happier with the result."

-Chris Weinrauch, Director of Operations, Georgia Pacific

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