

American Airlines



LIGHTING ENERGY EFFECTIVENESS TREATMENT

ENGIE Services U.S. (ENGIE) completed energy efficiency lighting projects for several of American Airlines' facilities located at Chicago's O'Hare International Airport. Significant savings were realized, and the cargo and ground equipment maintenance staff benefited from a much brighter and safer environment.

THE PARTNERSHIP

ENGIE worked with American Airlines to identify over 730 lighting fixtures to be retrofitted in American Airlines' Cargo and Ground Equipment Maintenance (GEM) buildings. The new lighting is more energy efficient and produces brighter lighting, increasing visibility for staff. The project provided over \$50,000 in annual energy savings and qualified for approximately \$34,500 in utility incentives.

3 DIMENSIONS OF IMPACT

ENGIE is committed to building three dimensions of impact in every customer's future:



Supporting People

- The poor lighting conditions were replaced with bright energy efficient technology, much to the appreciation of the staff and operators who work in the facilities.



Saving Money

- In addition to achieving \$50,000 in annual energy savings, ENGIE's team of utility partner specialists obtained over \$34,500 in ComEd utility incentives, giving the project a simple payback period of just one year.

Program Summary

- Total Installed Cost: \$102,354
- ComEd Incentives: \$34,516
- Final American Airlines Cost: \$64,403
- Annual Electricity Savings: 925,830 kWh
- Simple Payback: 1.03 Years

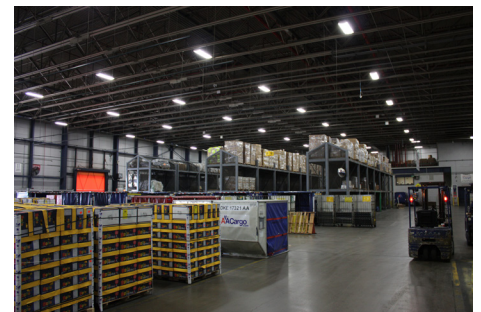
Energy Efficiency Measures

- Lighting



Protecting the Environment

- The program is saving American Airlines more than 925,800 kWh annually, the equivalent to powering 74 homes for a year. Additionally, occupancy sensors further increase the energy savings.



American Airlines' Cargo building lighting before (left) and after (right) retrofit.