

BUILDING TYPE:

Large Heavy Industrial Plant

in South Western Ontario with a mix of 1000W, 400W HID and T12 lighting fixtures

ISSUE

The client was dealing with high monthly energy bills and increasing maintenance costs due to their facility having many old ballasts and lamps. These outdated fixtures were also creating an unsafe work environment and contributing to low employee morale.

SOLUTION

Daisy Energy performed a thorough audit of their current lighting, including light level readings throughout their plant. Following the audit, a photometric analysis was done to determine the best replacement LED fixtures to increase light levels while reducing energy and maintenance costs.

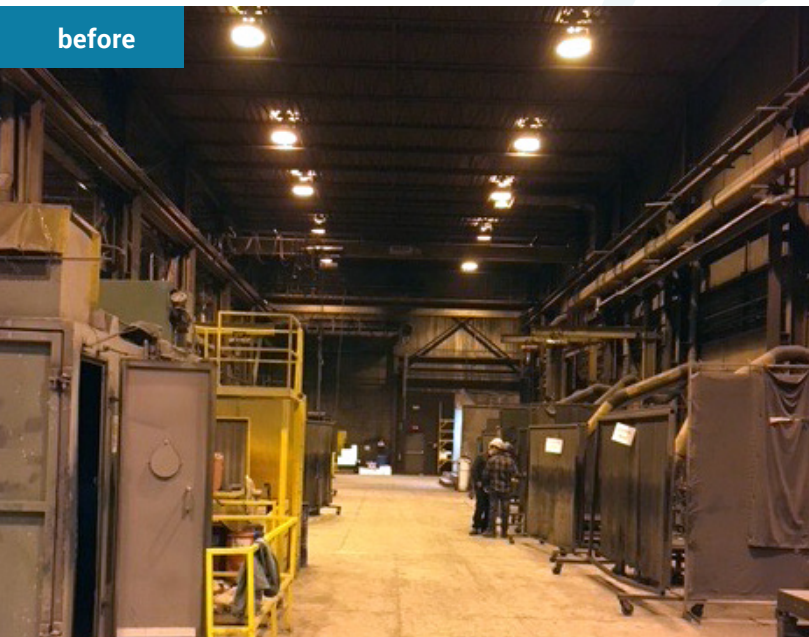
RESULTS

The new fixtures increased their light levels by over 50%, creating a substantially safer work environment.

While enjoying a safer and more pleasant environment, the client had their energy demand reduced by over 75kW's. Their energy consumption from lighting was reduced by over 65% and their maintenance costs were cut by 95%.

To assist with their lighting retrofit, the client received \$32,200 in incentives from the saveONenergy program. They will see a full payback on their investment in 2.6 years.

before



after

