

CASE STUDY:

Con-Way Truckload



QUICK FACTS

ENERGY SAVINGS

139.4 KW
942,400 KWH PER YR

Producing this amount of energy with photovoltaics (solar) would require a 780-kW array at a cost of over \$2.2million.

ENVIRONMENTAL IMPACT

670 TONS PER YEAR CARBON REDUCTION

ECONOMICS

TOTAL REBATES: \$80,000

ANNUAL SAVINGS: \$79,760

SIMPLE PAYBACK: Less than 3.0 YEARS!

“[We] have definitely noticed a decrease in our energy usage. We have met the reduction they projected for us, and really are pleased. Overall, it was a good job, it has all worked out just fine for us.”

- Bruce Stockton, V.P. Asset Mgt.

THE PROJECT

With 220,000 square feet divided among five buildings with uses varying from a truck wash to a maintenance facility to a gymnasium to executive offices, Con-Way Truckload needed a variety of energy-saving solutions. OES designed and installed retrofits for all of these spaces, breaking the project into six phases to aid in reduce cash outlays and maximize the utilization of two incentive programs.

Through the three years of projects and as many rate-increases, Con-Way is saving nearly \$80,000 annually and has a new lighting system with lower maintenance costs.

Recent projects at Con-Way include retrofits of exterior fixtures to Induction and LED systems. In some fixtures, 1,100-watt HID wall-washing fixtures were replaced with 186-watt LED saving over \$2,500 annually. LED and Induction lighting systems have rated lives of 50,000 to 100,000-hours, many times that of typical HID systems, reducing often expensive maintenance work or service calls. As with the interior lighting, LED and Induction offers a variety of colors, providing the ability to tune the system for the desired aesthetics or mood.