



Blue Valley Goodyear Overland Park, KS

About the Client

Blue Valley Goodyear is a one-stop shop for tire, auto, and light truck service. They offer a variety of services and products in their Overland Park store.

Project Cost/Savings...

Total Cost: \$6,865

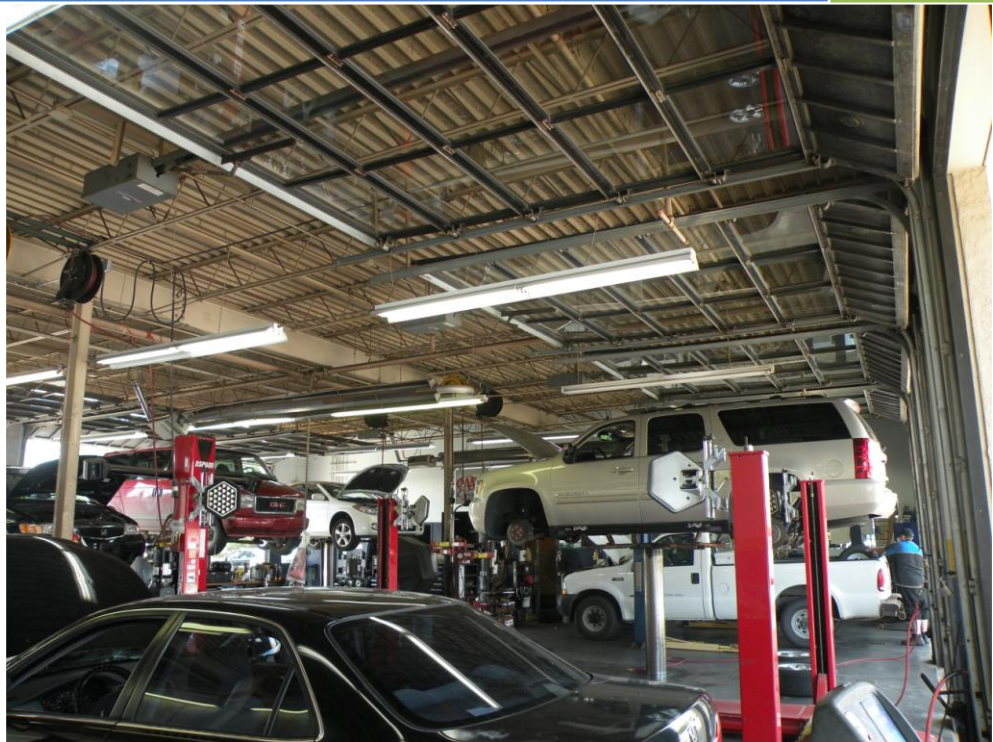
Rebates & Incentives: \$4,776

Net Price: \$2,089

Annual kW Savings: 14,865

Annual Energy Savings: \$1,868

Projected R.O.I.: 1.1 years



Blue Valley Goodyear

6717 W. 119th Street, Overland Park, KS 66210

Project Features...

About the Project

Reduced fixture count

- Removal of 43 outdated lighting fixtures
- Replaced with T8 energy-efficient bulbs and ballasts
- 70 percent of project cost paid with rebates and incentives

Savings

- Cut demand usage in half
- Reduced 22,598 pounds of carbon dioxide
- Equivalent to annual greenhouse emissions from 2 vehicles
- Annual utility and maintenance savings of more than \$1,800

About Worldwide Energy..

As commercial energy efficiency experts, we help our clients minimize utility expenses with energy efficiency lighting, efficient heating & cooling, and building envelope solutions.

Our efforts focus primarily on the areas that provide the greatest utility cost savings and where financial incentives create a rapid return on investment.

Worldwide Energy offers a total turnkey solution; utility rebate and Federal EPCAct filing services (provided at no additional charge); complete design & installation services; recycling and project financing. Our services usually have a 2 year or less return on investment.

Client Concerns

Blue Valley Goodyear had several concerns including:

- Providing better lighting in retail area
- Improve lighting in service shop to reduce possible worker error, and to improve productivity, and higher color rendering index
- Reducing annual utility and maintenance costs

The Scope of Work

Blue Valley Goodyear had an inefficient lighting system in their retail area and service shop. The inefficient technology included T12 fixtures that are outdated and use a lot of energy.

A total of (43) T12 lighting fixtures were retrofitted with premium T8 technology to reduce energy consumption. Motion sensors were also added to storage areas for added convenience and energy savings.

Blue Valley received rebates and incentives in the amount of \$4,776, making the net cost of the project \$2,089 The ROI was about 1.1 years, and Blue Valley Goodyear will save \$1,868 annual in utility costs.

Recommendations & Benefits

Better Visual Acuity – the specified lamps will result in significantly higher lumen maintenance, more uniformity of illumination, and 30% higher color rendering index (CRI), resulting in fewer errors, and improved morale and safety conditions.

Reduced Maintenance, Repair and Replacement Expenditures – 5-year ballast, 24-36-month* lamp warranties, & 20,000 hour lamp life will result in lower maintenance and repair costs.

Indirect Utility Expense Reduction –the specified fixtures will reduce peak demand charges, and reduce the heating & cooling load further reducing utility bills.

After Photos

