



Hendrick Collision Center Kansas City, MO

About the Client:

Hendrick Automotive Group is the nation's second-largest privately held automotive dealership group in the sixth-largest automotive dealership group overall, based on 2013 units sold, according to Automotive News "Top 125 Dealership Groups."

Founded in 1976 by Rick Hendrick, the Charlotte, N.C. company operates 95 dealerships representing 28 nameplates, 126 franchises and 25 collision centers and three accessories distributor installers in 13 states, Missouri and Kansas being two of them.

Hendrick's Automobile's mission is to be the premier quality vehicle retailer in the world, providing the best opportunities for their team members, customers, communities and the manufacturers they represent.



The Project:

Worldwide Energy provided a turn-key lighting upgrade for Hendrick Collision Center's parking lot lights by replacing outdated 1000 Watt High Pressure Sodium lamps with energy efficient, high output LED, which reduced energy usage and improved light levels. After performing several other projects and services for Hendrick Automotive our partnership continued with their parking lot upgrade.

Hendrick Collision Center

Project Savings:

Annual Utility Savings: \$14,867

Projected R.O.I: Approx. 28.4 Months

Rebates secured by WEI: 50% of total project cost

Greenhouse Reduction:

184,086 pounds (or 83.5 metric tons) of carbon dioxide

Reduction equivalent to annual greenhouse emissions from 9.5 passenger vehicles.

About Worldwide Energy

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

Our efforts focus primarily on the areas that provide the greatest utility cost savings while producing optimum light levels, and where financial incentives create a rapid return on investment.

Worldwide Energy offers a total turnkey solution; utility rebate and; complete design & installation services; recycling and project financing. Our services usually have a 2 year or less return on investment.

Client Goals

The client had several objectives including:

- Eliminate out-dated, high pressure sodium parking lot fixtures and replaced with more efficient lighting
- Provide facility staff and customer's vehicles with brighter, clearer lighting to increase safety
- Save \$1000s annually on utility cost
- Reduce annual maintenance expense with longer lifespan technology
- Lower carbon dioxide emissions from facility

The orange/yellow color of High Pressure Sodium (HPS) lighting reduces visual acuity due to the low color rendering index and uses about 70% more energy than LED. In addition HPS's lifespan is a fraction of LED lighting resulting in significantly higher lifetime maintenance costs.

LED has a much higher CRI, producing a near daylight effect, providing a safe environment for employees and customer vehicles in various stages of repair. LED lighting lasts up to 15 years without maintenance, while reducing electric usage by as much as 70%!

The rebate WEI's Certified Energy Auditor secured reduced Hendrick's project cost by 50%. By acting now, the client will start saving on utility costs immediately while enjoying a safer and better quality of light.



Installation



After lighting upgrade