

Lighting Retrofit Case Studies & Testimonials

“We’re very pleased with our lighting retrofit project overall, and we are actually seeing an 18% overall reduction of our electric bill! So not only are we ‘going green’, but we’re saving money doing it!”

Dave Fleischer
The Phillips Group

“We were very pleased with the service and installation of the lighting retrofit and would recommend REG to others!”

Ken Fry
Lititz Area Mennonite School

“We're installing the new lights and they look fantastic. The men are wondering if we're going to issue company sunglasses...that's how much brighter it is compared to the metal halide. The men were in the habit of turning on the fluorescent at their workstations for additional lighting, even when they weren't working there. Now with the new lights, the workstation lighting can stay off until actually needed.” (about the 6-lamp high bay T8 fixture)

Ken Musser
Lancaster Level-Flo



Metal Fabrication & Installation Contractor
A Gooding Company

The project was accomplished through a turnkey Contract with Richards Energy Group, Inc. (REG). REG purchased fixtures directly from a manufacturer in Wisconsin, with shipping directly to the plant.

Installation was accomplished by working round-the-clock over one weekend, using a very motivated and experienced crew from REG’s installation partner armed with 6 high-bay lift trucks and a cherry picker. This allowed the work to be accomplished without disruption to GSM projects.



- Based on expected hours of operation, the old lighting would have consumed 647,000 kwh per year.
- The new lighting will now only use 243,000 kwh per year.
- That 404,000 kwh savings means the facility will cost about \$37,000 less to operate every year at current electric rates than it would have without this project.
- Overall payback for this project was 1.5 years.



At Shank’s Extracts, a vanilla extract manufacturing company, the original lighting system consisted of outdated Metal Halide and T12 Fluorescent lights. Shank’s Extracts had several companies bid on the retrofit job and had a third party analyze the quotes. REG proposed a higher quality system that was designed to provide maximum light with minimal energy use. Ultimately, Shank’s Extracts chose REG for the project and were pleased with the results. In addition, Shank’s Extracts received a rebate in excess of \$25,000 from their electric utility for their energy efficiency project!

	Original System	Competitor	RICHARDS ENERGY Group Inc.
Annual kWh	419,853 kWh	329,552 kWh	244,881 kWh
Annual Operating Costs	\$38,339	\$30,657	\$22,424
Annual Savings	-	\$7,682	\$15,915
Total Turnkey Project Cost	-	\$58,300	\$74,115
Payback Period	-	5.4 Years	2.3 Years

Want to know more? Email: info@richardsenergy.com