

Kwik Trip: More than Meets the Eye

The very first Kwik Trip™ store opened its doors in 1965 in Eau Claire, Wisconsin. Today, they have over 18,000 co-workers serving guests in over 500 Kwik Trip™, Kwik Star, Kwik Trip Express, Kwik Star Express and Tobacco Outlet



Plus stores throughout Wisconsin, Minnesota and Iowa. When you walk into a new Kwik Trip™ store, you can't help but notice how clean, bright and well laid out the store is. You feel like you have ample room to explore the amazing variety of products they have to offer and there's always a friendly co-worker ready, willing and able to help you when needed. The experience I just described is no accident. It is a well-designed and executed plan. But it doesn't stop there. From the lighting, the HVAC equipment, to the fuel pumps and the car wash, Kwik Trip™ doesn't just design with the customer experience in mind. They also build energy efficiency into every store.

The new Kwik Trip™ store in Two Rivers, WI is no exception. The store design incorporates twenty eight separate energy efficiency measures that qualified for incentives from Focus on Energy and WPPi Energy. These measures include LED lighting, refrigeration compressor heat recovery, refrigeration controls, energy recovery ventilation, high efficiency boilers and variable speed fuel pumps, to name a few. Altogether, these measures are estimated to save more than 184,000 kilowatt hours (kWh) of electricity and nearly 8,000 therms of natural gas each year. Considering that Kwik Trip™ is on track to complete more than fifty new stores in 2017, this amounts to 9 million kWh and about 400,000 therms saved annually through new construction design measures.

The fact that these energy efficiency measures are built into each store is also no accident. Kwik Trip™ is a LEED (Leadership in Energy and Environmental Design) certified company. This means that they've invested in following best environmental practices that save energy and use resources wisely. Kwik Trip™ currently has 31 stores that have been LEED certified and 28 more in the process of being certified. What effect will just one LEED-certified Kwik Trip store have on the environment?

Water Use Reduction

- 50% reduction of irrigation water use.
- 40% reduction of water use in store.
- Up to 500,000 gallons saved per year.



Energy savings/reduction

- Skylights in the roof provide passive solar heat and ambient light to reduce the need for additional powered heat and electricity.
- Each LEED-certified store enjoys 20% overall energy use reduction thanks to the use of LED (light emitting diode) light technologies, occupancy and light sensors, and light and heat-saving concrete instead of asphalt.

Materials/Waste Management

- 75% of demolition and construction waste is diverted from landfills.
- 20% of the building materials (by cost)—drywall, ceiling tile, countertop, cabinetry, concrete—are made of recycled materials.
- 40% of materials are extracted, harvested and manufactured within 500 miles of a store.
- 75% of all lumber used in the project comes from forests managed by the Forest Stewardship Council (FSC).

Whether you're building a new facility or you just want to improve your existing facility, there is a program that can help. Call Frank Barth at 920-573-0115 or e-mail him at fbarth@wppienergy.org to get started.