

Helms True Value Hardware



Pictured from left: Helms True Value Hardware co-owner Brad Helms, Pacific Power regional community manager Clark Satre and store co-owner Troy Helms.

At a glance

Helms True Value Hardware
Washington

Project:

High-efficiency lighting installation in new 23,000-square-foot retail store

Annual energy savings:

\$2,850 (53,500 kwh/year)

Project cost:

\$8,260 before incentives
-6,900 incentive payment*

\$1,360 after incentives

Simple payback:

2.9 years before incentives
6 months after incentives

Project results:

State energy code – 0.8 watts/sq.ft.
Installed – 0.6 watts/sq.ft. (exceeds code by 25%)

Other benefits:

- instant on
- reduced glare
- improved color rendition
- lower maintenance costs

*For lighting new construction projects, there are no caps on incentives. For retrofits, incentive caps may apply.

Local retailer's high-efficiency lighting saves on energy costs

Helms True Value Hardware in Selah, Washington, had outgrown the 10,000 square-foot location it had occupied since the family business was established in 1969. According to Brad Helms, who owns the store with his brother Troy, a remodel was considered, but “we decided it was a quick fix.” It became clear that relocating was the answer – and that building to suit their needs made sense. The business owners took advantage of Pacific Power incentives to install the most energy-efficient lighting available.

The project

While building plans were in development, the Helms' visited other hardware stores around the country to see what works best. On one of those visits, they observed the lighting that their contractor Total Control Electric, Inc. in Yakima had recommended for the interior of the new location – high-efficiency T5 high output fluorescents. Brad Helms said it was obvious they were the right choice for their project.

“It’s a pretty simple process and in the long run you’re going to save energy and money.”

Brad Helms
Co-owner
Helms True Value Hardware

continued



Troy and Brad Helms in front of their new store in Selah, Washington.

“We recommend Pacific Power’s program to customers – they save energy and money on better lighting and get incentives to help pay for it.”

Glenn Faulkner
President
Total Control Electric, Inc.

Acknowledgements: Thanks to Brad Helms and Troy Helms, Helms True Value Hardware and Glenn Faulkner, Total Control Electric, Inc. for taking the time to contribute to this case study.

In addition to the high-efficiency interior lighting, Helms True Value Hardware also upgraded to energy-efficient high intensity discharge metal halide with pulse start fixtures in the store parking lot and exterior canopy.

Benefits

The T5 high output lamps Helms True Value Hardware installed with the help of FinAnswer Express offer energy savings of 35 percent or more, turn on instantly, cause no color shifting and reduce glare. Maintenance costs are also reduced because new lighting products last longer.

Savings

Compared to state energy code baseline, Helms True Value Hardware’s FinAnswer Express lighting project is saving approximately 53,500 kilowatt-hours (kwh) per year in energy use. In addition, the retailer is saving approximately \$2,850 a year in energy costs. The incentives Helms True Value Hardware received through FinAnswer Express shaved more than two years off the project’s simple payback.

About FinAnswer® Express

Pacific Power has helped commercial and industrial customers save money and improve energy efficiency for more than a decade. In Washington, our FinAnswer Express program provides cash incentives and technical expertise to help customers upgrade to high-efficiency lighting, heating and cooling, premium efficiency motors and more. Customers can choose a Pacific Power Energy Efficiency Alliance vendor or an independent energy consultant for technical assistance. In addition, our Energy FinAnswer® offers high-quality energy engineering services and cash incentives for more comprehensive energy efficiency projects.

Let us help you get started

For more information on how Pacific Power can help your facility save energy and money:

- Visit our Web site at pacificpower.net/wattsmart and inquire online.
- E-mail energy.expert@pacificorp.com.
- Call our energy experts toll free at **1-800-222-4335**.

Because there are some requirements to qualify for an incentive, it is important to call us **before** you start your project.



Let’s turn the answers on.