



LED Lighting in the Parking Garage and Common Areas Illuminates Savings for Bear Paw!

A HOLY CROSS ENERGY EFFICIENCY SUCCESS STORY

LED LIGHTING UPGRADE

Project Cost Summary

Initial Cost: \$99,037
 Less Holy Cross Rebate: \$31,576
 Less Energy Smart
 Colorado Rebate: \$2,500
 Final Cost: \$64,961

Payback Calculations

Total Annual Cost Savings: \$23,312

Payback

Less than three years.

At a Holy Cross Energy Lunch and Learn last September, an idea ignited in Tim Schwartz and Dan Lipson of Bear Paw Lodge on how to save on their electric bill. Bear Paw Lodge, a luxury home and condo resort located slope slide in beautiful Bachelor Gulch, had high electric bills. The Chief Engineer, Tim was constantly changing out incandescent lighting throughout the four condo buildings. Dan, the General Manager, was trying to keep costs down for the homeowner's association.

With common lighting and parking garage lights on 24/7, it made sense to change these lights to LED. After looking at several different LED parking garage lights, Bear Paw settled on the Beacon LED with built in motion sensors. Johnny Electric was contracted to install the Beacon LED in the four parking garages. On at 30% light all the time, the LEDs brighten to 100% when motion is detected, saving energy when no one is in the parking garages.

Additional lighting upgrades included changing table lamp bulbs to LEDs in common areas and changing out T12 and T8 fluorescents to T8 LEDs in stairwells and ski locker areas. The long life of LEDs and superior quality of light, along with the energy savings, makes it a win-win project. And Tim states it best:

“I’ll retire and not have had to change a single light bulb!”



Electrical Contractor on this project, Johnny Electric, has been serving the Vail Valley for 15 years.



Local electrical distribution wholesaler, All-Phase Electric & Supply, from Glenwood Springs, supplied all of the energy efficient LED fixtures and light bulbs for this project.

FOR MORE INFORMATION:

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