

# ENERGYSMART GROCER CASE STUDY

**CHEVRON**  
Tacoma, Washington



## Chevron station puts energy upgrades into high gear

EnergySmart Grocer helps Tacoma area Chevron store lower its energy use by more than 108,000 annual kWh.

Think big. That's the attitude one Tacoma area Chevron station is taking toward energy efficiency, and so far the results of this commitment have been overwhelmingly positive. Since 2008, the 72nd and McKinley Chevron location has worked closely with Tacoma Power's EnergySmart Grocer program to lower its energy costs. For gas stations and convenience stores, reducing energy consumption is a great way to boost revenue by zeroing in on the bottom line, and the Tacoma station is a prime example.

### Saving energy is smart business

What role does EnergySmart Grocer play in this process? The program offers energy expertise and rebates to make high-efficiency upgrades easy and affordable for participating businesses.

"The benefit of working with EnergySmart Grocer is the new technology that's offered," says Paul Singh, owner of the 72nd and McKinley Chevron station. "We know the equipment will last and we get a great price."

### Lighting the path to efficiency

The Chevron store's most recent energy upgrade included a comprehensive LED case lighting retrofit. Not only does this upgrade provide energy savings year after year, but it also improves the look of the store and the products on display.

"When we completed the case lighting upgrade, the customers noticed, everybody noticed, because the lights are brighter and the store looks much nicer now," said Singh.

### QUICK FACTS

**STORE:** Chevron (72nd and McKinley)

**LOCATION:** Tacoma, Washington

**SCOPE OF PROJECT:**

LED case lighting retrofit. Past upgrades include CFL direct install and high-efficiency motors for walk-in.

**PROJECTED ANNUAL SAVINGS:**

11,628 kWh from case lighting retrofit.  
108,463 kWh cumulative total from all projects.

### PROGRAM BENEFITS

- No-cost energy audit
- Customized energy efficiency investment plan
- Technical expertise and guidance
- Rebates to offset installation costs
- Significant energy savings
- Quick return on investment





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*Paul Singh, Chevron station owner*



Along with the improved aesthetics, the store is also set to benefit from an estimated 11,628 kWh in annual energy savings thanks to the case lighting retrofit. On top of those savings, \$2,040 in EnergySmart Grocer rebates, funded by Tacoma Power, helped cover more than 50 percent of the project costs.

### **The past, present and very bright future**

The recent lighting upgrade is just the latest in a long string of energy improvements made by the Tacoma area Chevron since it was first introduced to EnergySmart Grocer in 2008. Examples of past upgrades include a no-cost compact fluorescent lamp (CFL) direct install, high-efficiency evaporative motors for the store’s walk-in cooler, and a general lighting retrofit that garnered 89,326 kWh in annual energy savings plus a \$9,480 rebate from Tacoma Power.

“The biggest factor is the savings on our energy bill,” said Singh. “The bill used to be \$1,400 to \$1,500 a month. Now it’s less than \$1,000 and I expect to see even more savings after the case lighting project.”



As for the future, Singh is already looking forward to discovering the next energy-saving opportunity. “We haven’t discussed the next project yet, but with EnergySmart Grocer we never have any problems,” he said. “They take care of everything and it’s always exciting to discover new ways to lower our energy costs.”

For more information, please call **1.800.230.9420** or visit us online at **[www.energysmartonline.org](http://www.energysmartonline.org)**.

#### **About EnergySmart Grocer**

EnergySmart Grocer helps supermarkets, convenience stores and other businesses save energy and money through high-efficiency retrofits. Most of these efforts focus on refrigeration and lighting, areas where significant energy-saving opportunities abound. The program offers no-cost energy audits, site-specific analysis, access to qualified contractors and financial rebates for suggested upgrades.