

RANCH LIQUOR

CASE STUDY
COLORADO

EQUIPMENT UPGRADE LOWERS ENERGY BILLS



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Tareke Tuku,
Ranch Liquor Store owner

Any small business owner can appreciate the value of cutting costs wherever possible. That was the case for Ranch Liquor Store owner Tareke Tuku in Thornton, Colorado. He began exploring energy-efficient lighting after reviewing the monthly bills at his 4,500 square-foot store. That's when he learned there were two other ways he could be saving.

"I had an energy consultant come in and we walked around the store," Tuku explains. "We agreed that we should upgrade old T12s to LEDs, but he pointed out a higher efficiency option for my motors, too."

A final solution they uncovered was adding anti-sweat heater controls on the refrigerated cases. All of the upgrades were eligible for Xcel Energy rebates through the Commercial Refrigeration and Small Business Lighting programs .

"He explained the costs for everything, the rebate amounts and how much money I would save over time, so I decided to go for it," Tuku says. In all, Tuku made the following energy-efficient upgrades:

Refrigeration Upgrades

- Retrofitted 29 doors with anti-sweat heater controls
- Replaced 25 display case motors with ECMs (electronically commutated motors)

Lighting Upgrades

- Replaced lighting in 29 display case doors with LEDs
- Replaced 39 T12 fixtures with LEDs

The upgrades cost just under \$17,000, but Xcel Energy rebates paid for almost half of that cost, coming in at \$7,815. Xcel Energy offers incentives in the form of rebates to encourage customers to make energy efficient choices with their equipment. Tuku says the rebates and estimated savings sold him on the upgrades.

"Each motor was costing me \$240 per year and the new ones cost only \$60 per year," Tuku says. "It made a big difference." Tuku is happy with the energy savings he's already seeing and looks forward to realizing even more savings in the years to come.



PROJECT SNAPSHOT

Projects	Upgraded lighting, motors and added anti-sweat heater controls
Overall cost	\$16,895
Xcel Energy Rebates	\$7,815 (46% of total cost)
Estimated Annual Energy Savings	\$8,497 (83,887 kWh)

For more information about Xcel Energy's Rebate Programs, please visit xcelenergy.com.