

National Resource Management CASE STUDY

CoolTrol® Cooler Control Systems – C-Store, East Bay Area, California

Craig Schwab, owner of Portola Food & Gas, installed the NRM *CoolTrol®* System and ECM's (electronically commutated motors) in March 2006 to decrease his electricity costs and improve his operating margins. *CoolTrol* optimizes the performance of his refrigeration equipment by controlling the temperature, defrost cycle, evaporator fans and door heaters of his walk-in cooler and performs a night setback of his Coke and Pepsi Visio Coolers. The ECM's reduce the energy consumption of his evaporator coil by 65%.

My original proposal estimated savings of \$285 per month. Since the system has been installed, I've averaged \$347 per month or nearly 18% reduction in my bill.

STORE DESCRIPTION

- Portola Food & Gas, Livermore, California
- Approximately 1,500 Sq. Ft. Retail Space
- 2,250 Cubic Foot Walk-in Cooler with 13 heated doors

OUTCOME

"As a business owner, I see sales people everyday that say 'We can save you money,'" says Schwab. "*CoolTrol* is one of the few products that actually delivered the results promised. My original proposal estimated savings of \$285 per month. Since the system has been installed, I've averaged \$347 per month or nearly 18% reduction in my bill. With the rebate NRM obtained for me, my payback was 3 months! NRM has been great in answering any questions I had and I look forward to doing business with them in the near future."



The Portola Food & Gas convenience store has used *CoolTrol* Cooler Control Systems since March 2006.