

National Resource Management CASE STUDY

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

Sunny Kumar, owner of 6 to Late in San Jose, California, installed the NRM *CoolTrol*® System and ECM's (electronically commutated motors) in January 2007 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 an 18-door reach-in cooler and a 3-door reach-in freezer. The ECM's reduce the energy consumption of his evaporator coil by 65%.

STORE DESCRIPTION

- 6 to Late, San Jose, California
- Approximately 1,700 Sq. Ft. Retail Space
- 18-Door Reach-in Cooler and 3-Door Reach-in Freezer with remote/dedicated compressors

OUTCOME

"I seriously did not think that I could lower my electric by over \$400 but I was pleasantly surprised. **Since installing the system, my bill has decreased by 17% per year for an average savings of \$430 per month.** As a result of NRM securing a rebate, my energy payback was 9 months.*



Sunny Kumar (left), owner of 6 to Late in San Jose, California, is pictured with brother VJ (right).

In addition to the energy savings, *CoolTrol*'s other features are great — my employees and vendors love the shutdown button and the temperature alarms have saved my ice cream on more than one occasion. Preventing that one loss alone paid for my out-of-pocket cost."

— Sunny Kumar, Owner of 6 to Late

*Savings, paybacks and incentives vary based on utility.

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