



[CANADA]
CUES
CHILLED UNIT ENERGY SAVER



CUES Delivers 90-Day Payback



Overview

Safeway are one of the largest grocery retailers in North America with over 1775 stores. They have a strong commitment to sustainability, which includes proactive measures to eliminate energy waste. Safeway agreed to trial CUES on one of their frozen warehouses.

Payback: Three (3) months.

Next CUES was used to monitor refrigeration, which represents a huge proportion of Safeway's energy bill. The impact of and they were eager to lower costs, make sustainability goals and energy waste and minimize their carbon footprint.

During a two week monitoring period WITHOUT CUES the compressor for the warehouse consumed 43,174kWh's of energy. Following this initial test CUES was installed and the compressor was monitored over the same time period. During the second test WITH

The Project

CUES sensors on the compressor demonstrated an energy reduction of 5,063kWh's, or 12%.

Continuous energy waste reduction: During follow-on analysis it was noted that that the air temperature inside the freezer was consistently two degrees colder than it was during the first test.

This exposed the potential to increase savings by increasing the set-points on the internal thermostats by two degrees. Bringing the average freezer temperature back to its original operating specification, further reducing the energy consumed.

12% energy waste reduction - 5,063 kWh's