

CASE STUDY



OVERVIEW

This case study reveals the savings results for a supermarket in Fiji known as Extra. Extra Supermarket's mission is to provide their customers with a world-class shopping experience, the "Extra Experience". That is why Intelli-Hood was the ideal solution for their store.

The study shows how an Intelli-Hood installation was able to reduce their yearly utility costs with less than a year payback period.

KEY SAVINGS



Total Energy Savings
\$14,713/Year



Carbon Dioxide
85,671 lbs./Year



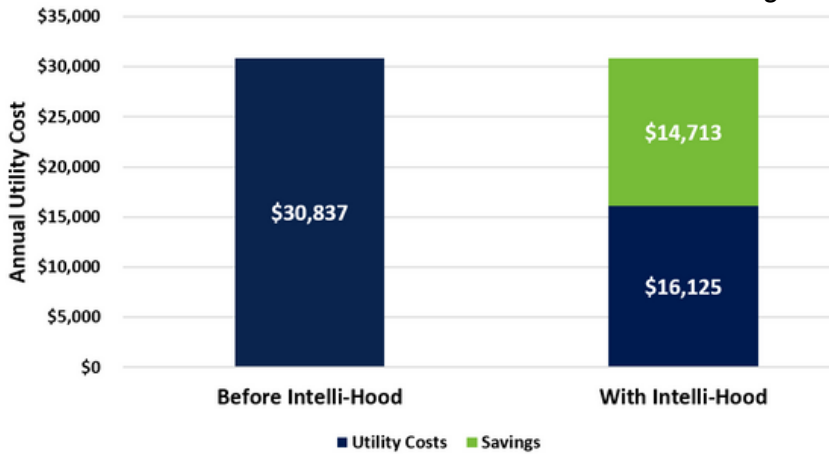
Simple Payback Period
0.8 Years



Operating Expense Reduction
52%

Annual Kitchen Hood Energy Cost

Figure A



Performance

This case study portrays the utility costs savings Intelli-Hood helped Extra achieve in their new venue.

Figure A depicts the company's projected annual energy costs as compared to their actual energy savings. With the installation of Intelli-Hood, Extra cut their utility costs practically in half. They experienced a \$14,713 USD savings by utilizing Intelli-Hood in their new facility.

Figure B

The chart below, **Figure B**, shows the average fan speed for the exhaust fans over the course of several days. The dips in the chart represent times when the fans are not running, and the spikes represent when the fans are operating. The spikes in the fan's speed vary slightly which means the fans are running more efficiently. The average fan speed for these exhausts was **66%**.

Extra Supermarket Fiji Fan Speed Profile

