



**Sam's Town Hotel and Casino
Las Vegas, Nevada**

Application: Escalator
Motor Size: 15HP
Average Savings: 36.45%
Annual Savings: \$1,366.57
Power Rate: \$0.08/kWh
Annual CO2 Reduction: 11 tons
Internal Rate of Return: 60 %*

* IRR does not include unit installation costs

Expected Product Life Savings

Product Life: 15 years
kWh Savings: 257,145 kWh
Cost Savings: \$29,594*
CO2 Reduction: 164 tons

* Expected life cost savings is based on a 5% annual increase in cost of power

TEST SUMMARY

Two 15HP Power Efficiency motor efficiency controllers were installed on March 14, 2006 on two escalators (one up, one down) at Sam's Town Hotel and Casino.

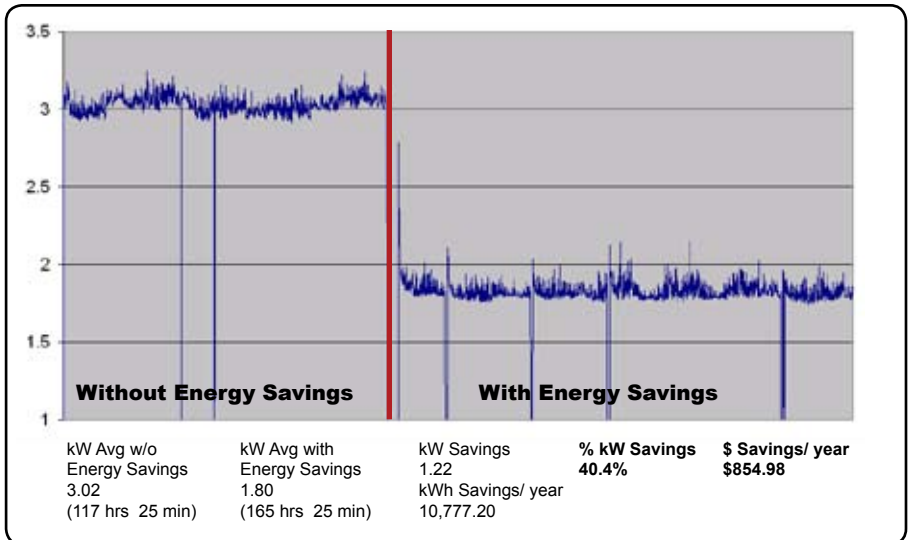
The motor efficiency controllers were set on 3/21 and it was noted that the total current went from approximately 22 amps to less than 10 amps on the "Up" escalator and from approximately 18 amps to less than 10 amps on the "Down" escalator.

Testing restarted on 4/13 for the benefit of the Nevada Power Surebet program. Final testing was completed on 4/25 with no power saving on for approximately 5 days and power savings on for approximately 7 days.

Power Efficiency's motor efficiency controller lowered the average kW used on the "Up" escalator from 3.02kW to 1.80kW for a 40.4% power savings and annual cost savings of \$854.98. The average kW on the "Down" escalator went from 2.26 kW to 1.53 kW for a 32.3% power savings and annual cost savings of \$511.59.

The following graphs represent the kilowatt usage of the escalators over a period of 12 days. 5 days without energy savings activated and 7 days with energy savings activated.

Up Escalator kW



Down Escalator kW

