

ENERGY SOLUTIONS CASE STUDY

EC Motors/Refrigeration: Mockler Beverage-Baton Rouge, LA



ABOUT

Mockler Beverage Company is a family-owned beer distributor located in Baton Rouge, Louisiana. Mockler accounts for more than 60% of the beer distribution in eight parishes in the Greater Baton Rouge area.

INEFFICIENCY CHALLENGE

Most of the Mockler facility is used as a beer distribution warehouse. The company was interested in replacing motors in its keg cooler spaces that would reduce the refrigeration energy usage. The 12 evaporator fan motors were operating continuously at high speed.

THE ENERGY SOLUTION

Variable speed electronically commutated motors were installed on the 12 evaporator fans. Electronically commutated motors reduce fan speed when the compressors and condensers are not operating. At reduced speeds, these fans only use approximately 8% of the energy needed for their former constant high speed operation.

MOTOR REPLACEMENT PROJECT COST AND ESTIMATED SAVINGS

Gross Project Cost:	\$18,409
Energy Solutions Incentive:	\$9,905
Net Project Cost:	\$8,504
Estimated Energy Savings:	110,060 kWh/year
Estimated Cost Savings:	\$7,352 annually

54%
of project
cost covered.

The simple payback period is 1 year and 2 months.



Motor upgrades to evaporator fans help control energy usage in keg cooler spaces at the Mockler facility.

Need a solution? Contact Energy Solutions to speak with an Energy Advisor about program incentives and other energy saving measures at **844-829-1300** or visit **energysolutionsla.com**.

