

Sideboard Lafayette

Lafayette, CA

Restaurant Case Study

Capitalizing on the success of his energy-efficient equipment choices and lessons learned at his Sideboard, Danville location. Ford Andrews once again sought out the experts at The PG&E Food Service Technology Center (FSTC) for advice on selecting equipment for his new **Sideboard Lafayette** restaurant located in downtown Lafayette. He was already sold on ENERGY STAR® convection ovens, on-demand water heaters and fryers as well as LED lights. Andrews learned from his Danville location that selecting energy-efficient equipment significantly reduced his utility costs, increased production, and provided higher quality food.

Working with FSTC's Sr. Energy Analyst Todd Bell, Andrews was able to identify additional energy saving opportunities, which resulted in the installation of an exhaust hood equipped with Demand Control Kitchen Ventilation (DCKV) and high-performance energy-efficient patio heaters for their patio dining.



Benefits of Demand Control Kitchen Ventilation

In most kitchens exhaust fans run 100% all day whether the kitchen equipment is cooking or not. A DCKV system provides only the amount of ventilation needed and can cut fan energy costs by at least 40%! The CaptiveAire fan controls use a state-of-the-art, microprocessor-based system to automatically vary fan speed based on cooking load and/or time of day.

Savings By The Numbers

Energy-Efficient Cooking Equipment

ENERGY STAR Fryers	
Annual Energy Savings over Base-Efficiency Model	\$1,150
PG&E Equipment Rebate (\$749/Fry Vat)*	\$1,498
ENERGY STAR Convection Ovens	
Annual Energy Savings over Base-Efficiency Model	\$863
PG&E Equipment Rebate (\$500/Oven)*	\$1,000

Energy-Efficient Exhaust Fan Controls

Demand Control Kitchen Ventilation	
PG&E Equipment Rebate (\$700/Exhaust Fan HP)*	\$1,400

Energy-Efficient Technologies

Patio Heaters	
Increase in Effective Heating Area Over Standard Models**	45%

* fishnick.com/saveenergy/rebates

** fishnick.com/publications/appliancesreports/heaters/



Benefits of High-Efficiency Patio Heaters.

Doing more with less is the hallmark of efficiency. The Even-Glo patio heaters, using an advanced design radiant and larger reflecting shield, heat 50% more surface area than standard models, meaning operators can heat more patio space with fewer heaters.