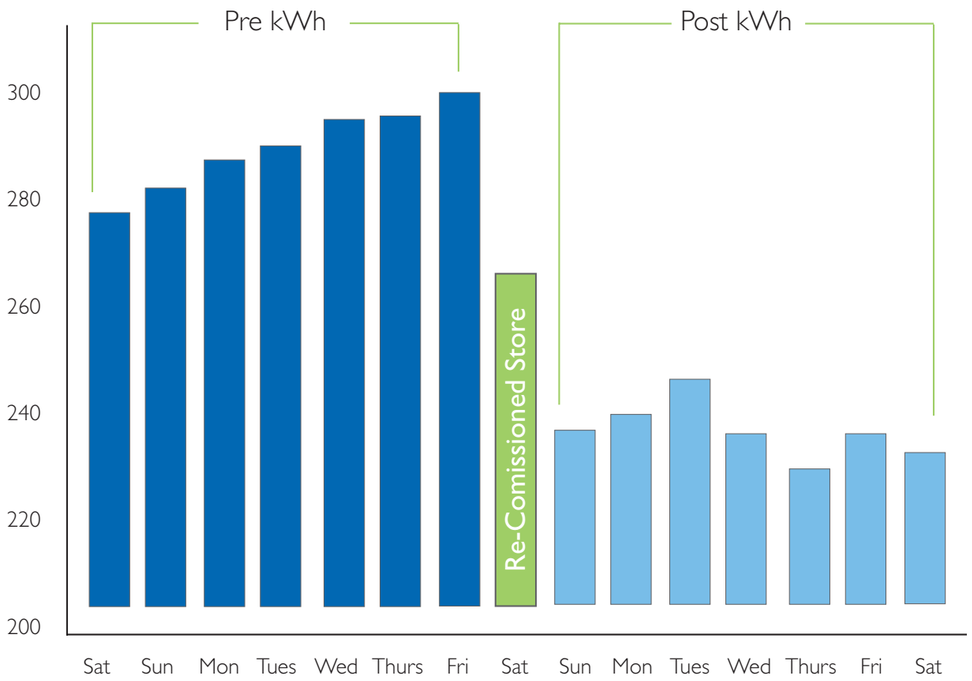
MINI RACK

COMMISSIONED SANTA ANA, CA



	Daily kWh	Daily $	Annual $
Pre-Total	277	$ 42	$ 15,166
Post-Total	228	$ 34	$ 12,483
Delta	49	$ 8	$ 2,683
Saving %	18%		

Based Upon $0.15/kWh

OTHER BENEFITS:

Tracking energy information and performance can also be used to evaluate the actual cost of operating different types of refrigeration systems and case technologies. Source will help you to evaluate and compare systems across multiple stores in multiple operating conditions.

800 E. Orangethorpe Ave • Anaheim, Ca 92801 • toll-free 800.300.1135 • 714.578.2300 • www.sourcerefrigeration.com

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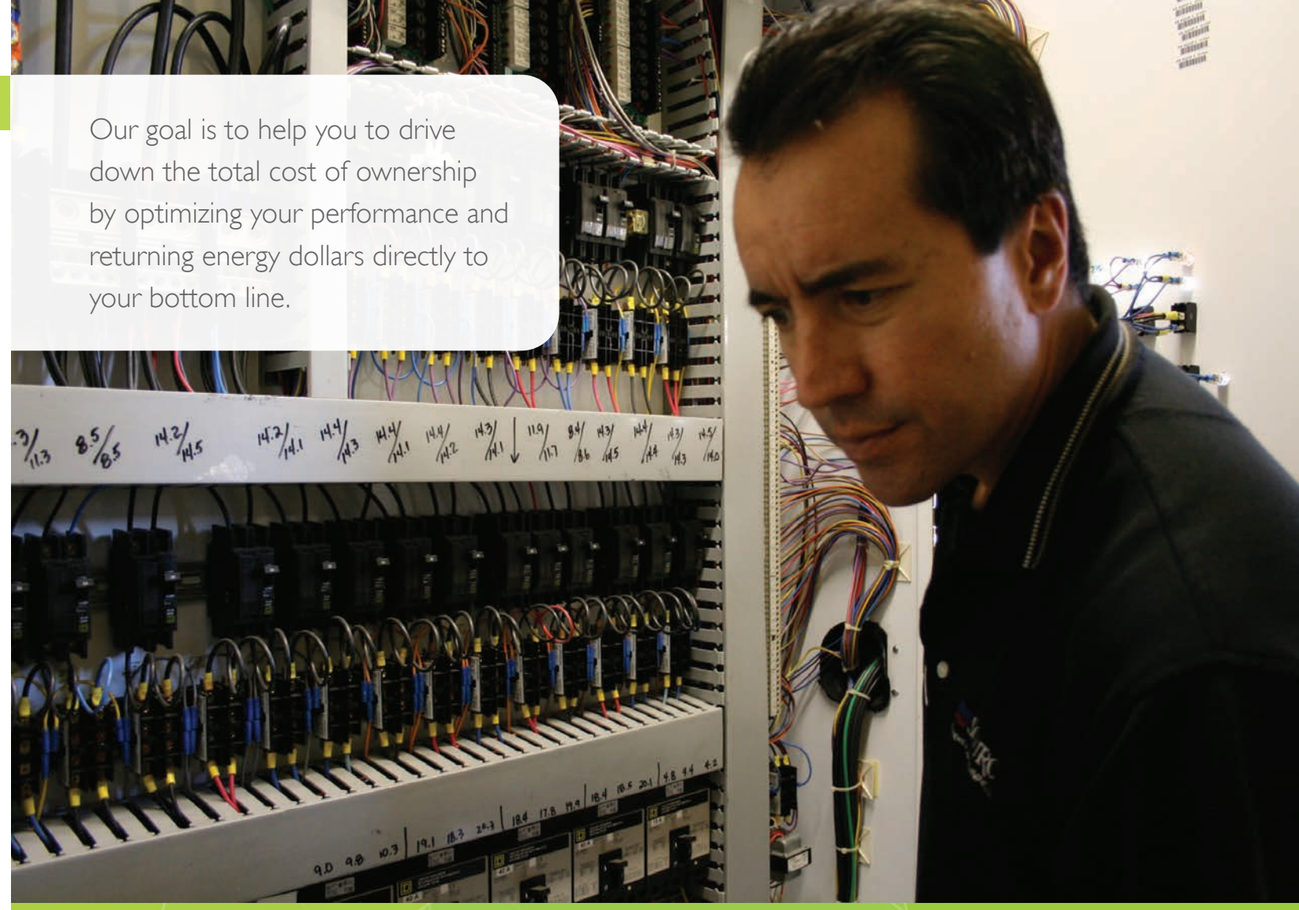


Our goal is to help you to drive down the total cost of ownership by optimizing your performance and returning energy dollars directly to your bottom line.

Optimizing Performance

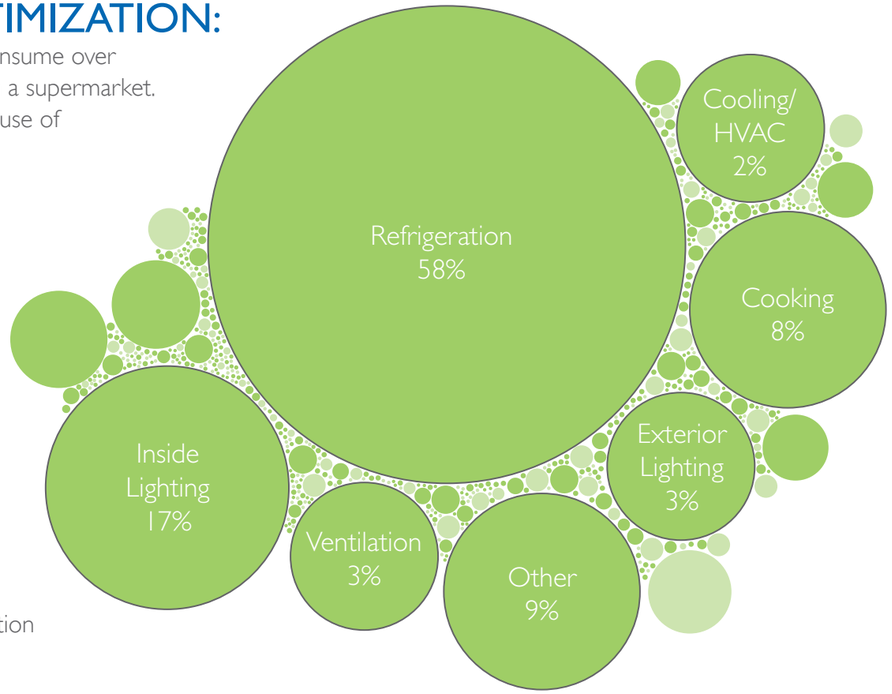
In supermarkets, upwards of 44% of all items sold require refrigeration, making performance mission critical. Additionally, refrigeration systems drive the single highest use of energy in a supermarket, even under the best conditions. When the system is not optimized, energy use is even higher.

SOURCE

Refrigeration & HVAC, Inc.

ENERGY OPTIMIZATION:

Refrigeration Systems consume over 44% of the energy use in a supermarket. Because of the intensive use of refrigeration systems, supermarkets are one of the highest consumers of electricity per square foot of any industry group. With energy prices continuing to rise, the cost of energy is a drain on a Supermarket's overall operating costs. While it is impossible to control energy costs, it is possible to manage and control energy consumption and Source can help.



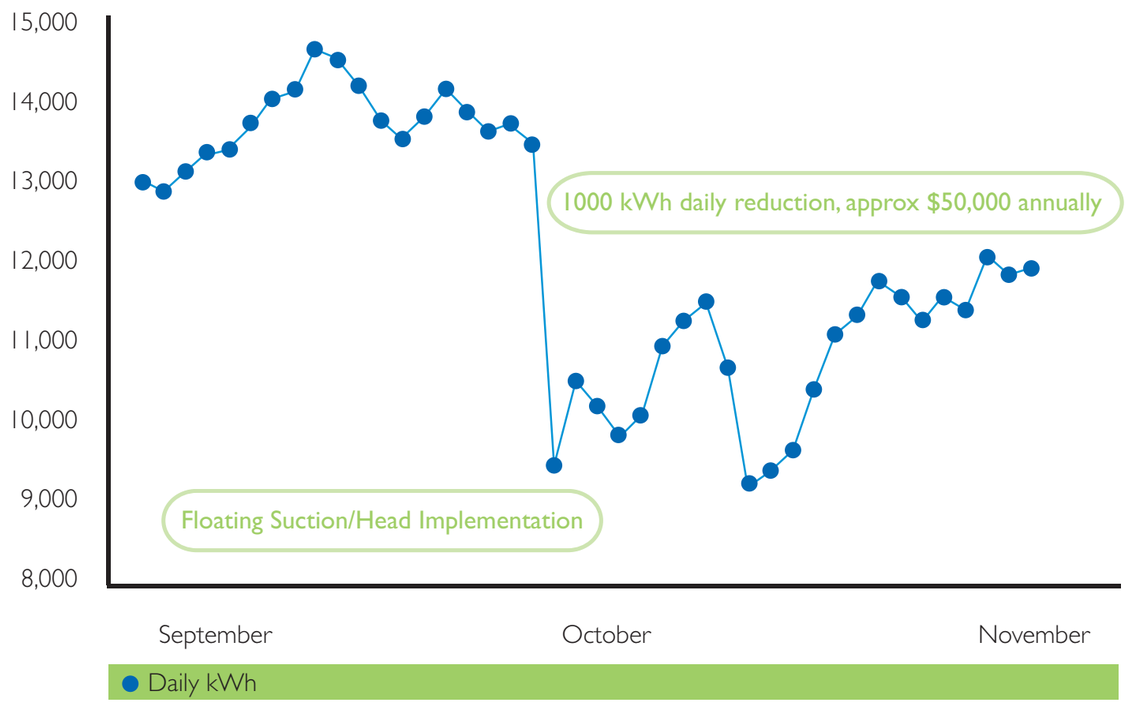
SOURCE CAN HELP:

At Source we are experts in Refrigeration Systems and energy use. The first step we take is to identify and measure the energy being consumed in the store. To do that we install meters on each parallel refrigeration rack, each refrigeration condenser, the central HVAC unit and the major lighting panels. With the meters in place we can benchmark performance over time. Weather conditions and ambient temperatures have a significant effect on refrigeration and HVAC systems and this must be factored into the optimization plan.

OPTIMIZING PERFORMANCE:

To optimize performance we will reset the systems to the designed operational set points including suction, head pressures, defrost schedules, controls adjustments and calibration. We will also consider floating suction pressures, anti-sweat controls, product temperature controls, variable-frequency drives and ECM motors.

PRE/POST UPGRADE



SUSTAINING PERFORMANCE:

Once optimized, we can continue to monitor performance to be sure that the operating conditions are maintained over time. A properly set and balanced system reduces compressor and contactor cycling that also reduces the wear and tear on these systems. This will not only minimize energy consumption, it will also lower maintenance costs.