



RETAIL PHARMACY

A retail pharmacy achieved a 20% drop in annual energy use — saving \$6,001 and eliminating 67,428 kWh in wasted consumption—after participating in Power TakeOff's Virtual Commissioning® (VCx®) Program.

The Opportunity

Covering 14,200 square feet and operating daily from 8:00 a.m. to 10:00 p.m., this store showed unusual energy patterns during a routine data review. Analysis revealed:

- Baseload averaging 12 kW, but spiking up to 30 kW on some nights.
- Only a 5 kW drop during unoccupied hours — indicating systems were running unnecessarily overnight.

Given the proven success of VCx in the retail pharmacy segment, Power TakeOff identified the site as an ideal candidate for operational improvements.

The Action Plan

Reprogrammed HVAC and lighting schedules through the Building/Energy Management System (BMS/EMS) to match actual business hours.

- Adjusted heating and cooling setpoints for greater efficiency.
- Repaired HVAC/lighting equipment malfunctions to restore proper function.
- Reestablished the site's EMS connection, enabling full restoration of corporate setpoints and schedules.



\$6,001
In Avoided Costs



67,428 kWh
Saved



20% Annual
Energy Savings

The Outcome

The result was a measurable, sustained improvement:



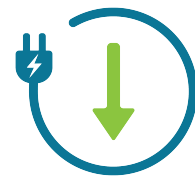
67,428 KWH
saved annually—

enough to power six average U.S. homes for a year.



\$6,001
in annual cost savings

without capital investment.



20%
reduction in total
energy consumption.

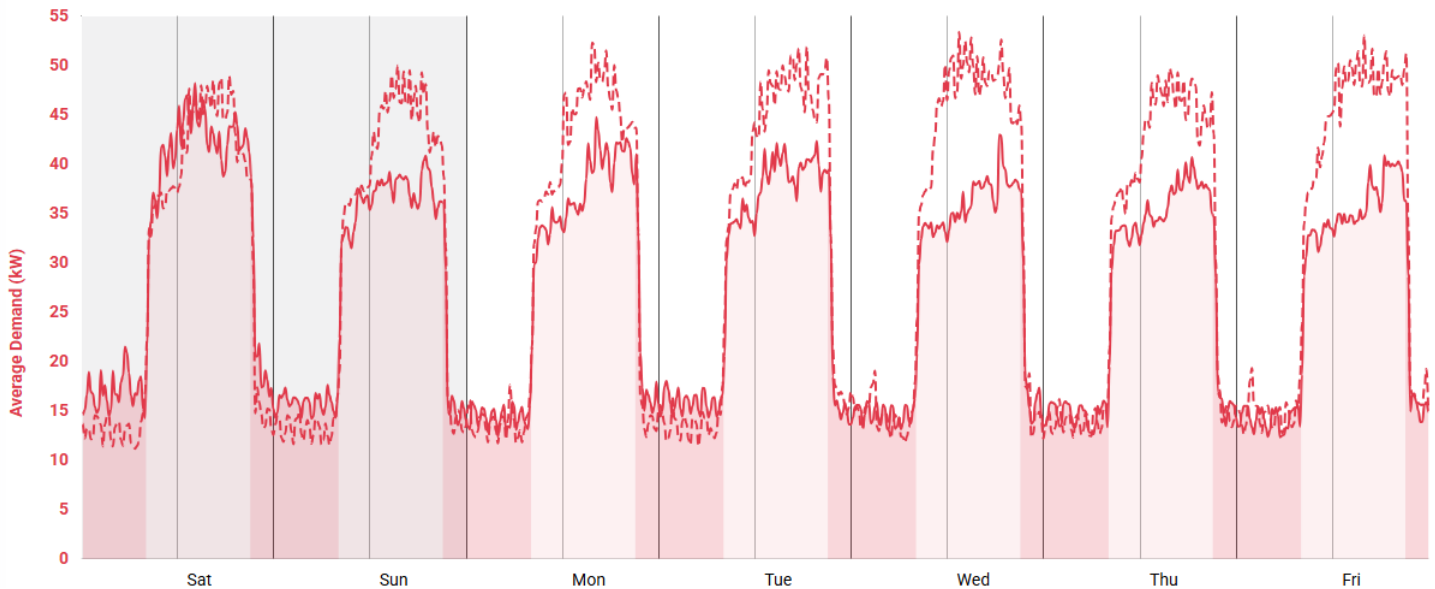


Figure 1. Comparison of Energy Usage from the Previous Year and the Period After Power TakeOff Intervention.

Since 2007, Power TakeOff has been an industry leader in data-first, virtual utility products and efficiency programs. Specializing in Energy Information Software, Power TakeOff transforms complex utility AMI data into personalized energy efficiency recommendations with proven measurement and verification results. Utilities across North America rely on Power TakeOff to enhance customer experiences, increase revenue, meet efficiency goals, and reduce greenhouse gas emissions. Learn more at www.PowerTakeOff.com.