



JL Carrasco

Carrasco Marketing

Devoted to Green Energy

Energy Saving Solutions



CLG Energy High Technology in VFD's saving Energy Systems

Exclusive Technology X- Drive®



Can save a minimum Of 20% to 50 % or more in Electric Energy and Diesel.

100 % Financing (No Cost up front)



High Technology Efficiency in HVAC Systems & LED Lights

SmartHVAC

SmartLED



Have the ability to illuminate as any color in the visible spectrum



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Who we are : JL Carrasco LLC (Carrasco Marketing)

is a company located in Sarasota Florida with more than 30 years of EXPERIENCE
In engineering and with the technology backing of Saving Energy

How we Work : JL Carrasco LLC (Carrasco Marketing)

We are devoted to GREEN ENERGY SOLUTIONS in Pro to the planet , We also are committed to bring an ALTERNATIVE ENERGY SAVING SOLUTIONS to the nations and make it FINANCIALLY FEASIBLE . With our technology the companies can save a minimum Of 20% to 50 % or more in electric energy . **One to the biggest pollutions in our planet coming from the Electric Energy**

Benefits to implement our technology:

100 % Financing (No Cost up front)

Electrical Energy cost Reduction

You pay the financing with the saving energy cost

Get a profit from the savings energy (you get 50% of the saving electrical bill every month
and the other 50 % go to the financing



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Smart HVAC
Smart LED



TAKE FULL CONTROL OVER YOUR LIGHTING ENVIRONMENT

PowerTrak is a comprehensive proprietary cloud-based software system that enables our customers to reduce energy consumption and gain full insight into their buildings' systems. The PowerTrak networked system automatically identifies and deploys Energy Conservation Measures (ECM) every 30 minutes. The 24/7 monitoring of your HVAC equipment, Building Automation System (BAS) and Networked Thermostats reduces energy costs, predicts equipment failures and pinpoints operational anomalies to maximize energy efficiencies and occupant comfort while minimizing operational costs.

PowerTrak Efficiency Systems products cost considerably less than the competition while being fully compatible with all major manufacturers HVACs, lamps and fixtures. The thermostat, lamp, hardware, software and fixture retrofit is paid for through the monthly 40% to 80% energy savings on lighting, heating and air conditioning. PowerTrak auditors will also facilitate in the collection of available utility rebates and federal energy credits which can be in the tens of thousands of dollars.



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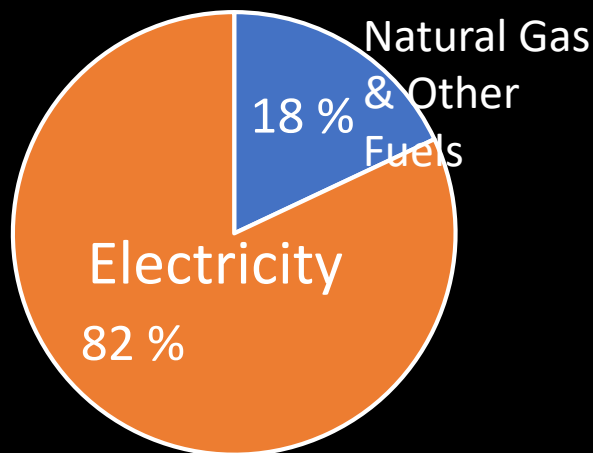
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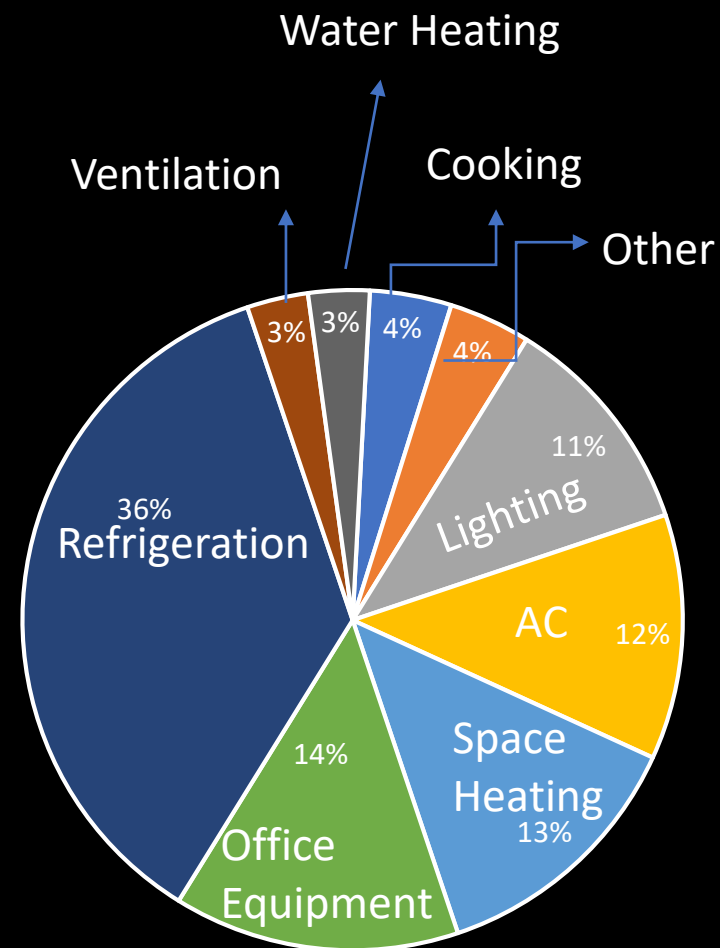
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Across the United States, the average annual energy intensity for grocery stores is 213.1 kBtu per square foot and the average cost is \$4.84 per square foot. Of the total energy consumption, 82% is for electricity and 18% is for natural gas and other fuels. This translates to 51.3 kWh per square foot of electricity and 0.38 therms per square foot of natural gas¹

Energy Consumption by Fuel Type



Total Energy Consumption by End Use



Annual Energy Consumption per Square Foot

	Consumption Per Square Foot Billing Units	Energy Use Intensity kBtus/sf
Electric	51.3 kWh/sf	175.0
Natural Gas	0.38 Therms /sf	38.1
Total		213.10



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Supermarket Energy Use Profile After Integration of Our Systems

Measure List

- Includes all O&M /recommissioning measures
- Includes all lighting measures
- High Efficiency RTUs
- Antisweat Heater Controls
- ECM Motors for Display Cases and Walk-ins
- Evaporator Fan Controls for Walk-in Coolers

The load profile after the implementation of operations and maintenance measures shows the greatest savings at the beginning and end of the work day due to the shortening of HVAC and lighting schedules. It also shows a reduction in peak demand from temperature setpoint changes, and a reduction in overnight energy consumption from turning off unnecessary lights and

equipment. The lighting measures reduce peak demand, partially because of the more efficient technology, but the greater impact is from the use of daylighting. In addition to the savings from O&M and lighting, the load profile with the full package of measures shows reductions in peak cooling demand as a result of high efficiency rooftop units and a reduction in refrigeration energy from efficient motors and controls. The **total reduction in peak demand for this building on a typical summer day is 104 kW, or 21% of the baseline.**



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Testimonios



Built in 2003 ,Husky Village is a six-building ,301 room dormitory that houses More than 600 fraternity and sorority students at the University of Connecticut . The original heating systems were designed with individual sensors in 2 rooms On each floor. It was simply impossible to regulate the heat in each room. One room would be 59 while another room would be at 80. Students would be sweating In one room ,while the students next door would be doing their homework wearing Sweatshirts and gloves . In desperation ,students would use electric heaters for supplemental heat - until the fire department prevented that practice from continuing

Three Contractors were brought in to try to fix the problem no one can do it

Power Trak Solution The first time Mr. Justin Kabaik , PE from BL Companies walked through the Husky Village dorms ,he knew that Powertrak Room-By-Room was the only system that could solve the problem in a cost effective manner . With a wireless sensor in every dorm room and an inflatable damper in every duct run, Powertrak Smart HVAC was able to keep Every room within 2 degrees of set point .The PowerTrak System is also able to recirculate heat from rooms that are too warm to other areas where heat is needed .



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PowerTrak Characteristics System

PowerTrak NON-INTRUSIVE WIRELESS MONITORING SYSTEMS.

- 24/7 MONITORING OF YOUR HVAC SYSTEMS
- PREDICTIVELY ADJUSTS TEMPERATURE EVERY 30 MINUTES
- LOW COST SOLUTION WITH NO CAPITAL INVESTMENT
- SEPARATE, SECURE, CELLULAR WIRELESS NETWORK
- REDUCES CARBON FOOTPRINT AND EARNS ENERGY CREDITS
- RUNS WITH OR WITHOUT A BUILDING AUTOMATION SYSTEM (BAS)
- CONTROLLED BY OUR ENGINEERS THROUGH THE POWERTRAK CLOUD
- INTEGRATES WITH ALL HVAC CONTROL SYSTEM HARDWARE AND SOFTWARE
- 30-60 DAY NO OBLIGATION TRIALS PROVIDE COMPELLING SAVINGS DATA

It has been calculated that a 10% reduction in energy costs for the average supermarket is equivalent to increasing net profit margins by 16%.

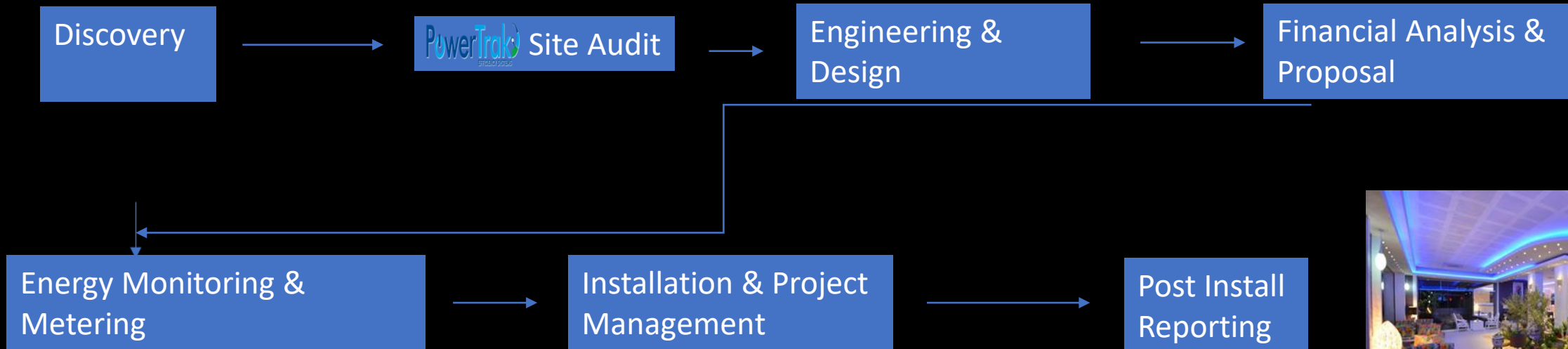


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Installation Process of our System





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