

The Clearworld team has worked with many large Grocery Retail groups, Convenience Store chains, Non-Food retail and their associated logistical/ supply chain operations.



Brands include Marks & Spencer, J Sainsbury, WH Smiths, M&S Simply Foods and most recently we have added McColl's to our growing client base.



Each location had a specific energy pack solution developed for the various energy assets on the sites and Proof of Concept via trials resulted in national roll outs across the brands.



The Convenience Store network across the UK is made up of around 45,000 locations with a mix of managed, symbol groups, co-operatives and independent retailers. The market analysis below demonstrates the enormous opportunity for each operator in this space to make a significant and lasting impact on their Carbon Emissions and working with Clearworld to move towards the ultimate goal of Net Zero Carbon.*

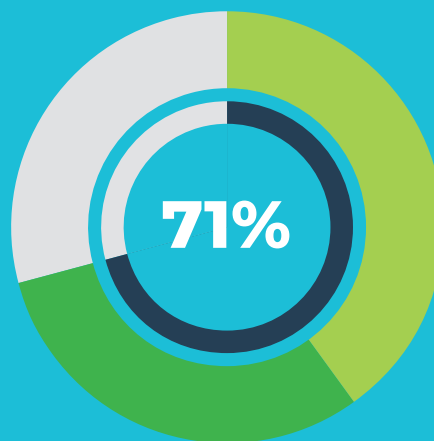
Independent Retailers

40% Unaffiliated Independents

(including unaffiliated forecourts)

31% Symbol group independents

(including franchises)

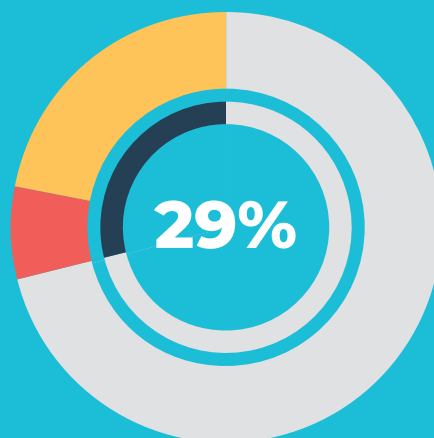


Multiples

7% Co-operatives

22% Other multiples

(including multiple owned forecourts and multiple trading under symbol groups)



Unaffiliated Independents

Independent retailers operating under their own fascia.

Convenience multiples

Retail businesses operating chains of 10 or more convenience stores under a centrally-owned fascia e.g. McColl's.

Symbol groups

Independent retailers who trade under a common fascia e.g. Nisa. Multiple Businesses can also trade under a symbol group e.g. A.F. Blakemore (SPAR).

Co-operatives

Group of stores that are owned by their members.

Forecourts

Convenience stores located on petrol filling stations. Forecourts included within each of the retailer types and can be unaffiliated, symbol group, multiple or co-operative businesses.

* data supplied by The Association of Convenience Stores, www.acs.org.uk

Some examples of delivered outcomes in terms of energy and CO2 savings are below:

M&S
SIMPLY FOOD



40 - 45%
Operational Savings



1.3 year
Return of
Investment

**Associated
Logistics/
Storage
operations**



25%
Operational Savings



1.9 year
Return of
Investment

**Convenience
Store/
Wholesale
Distribution
Centres**



15-20%
Operational Savings



2.2 year
Return of
Investment

**Convenience
Store/
Wholesale
Distribution
Centres**

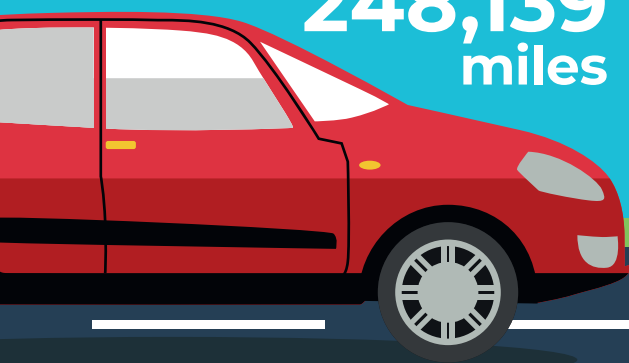
The adjacent data shows a substantial **25%** reduction in electricity usage across 2 different Site.

These sites alone added up to a saving of

100 tonnes



which is
equivalent
to driving
the average
passenger vehicle
248,139
miles



It would take approximately

131 acres of forests
to absorb this amount
of carbon



M&S
SIMPLY FOOD

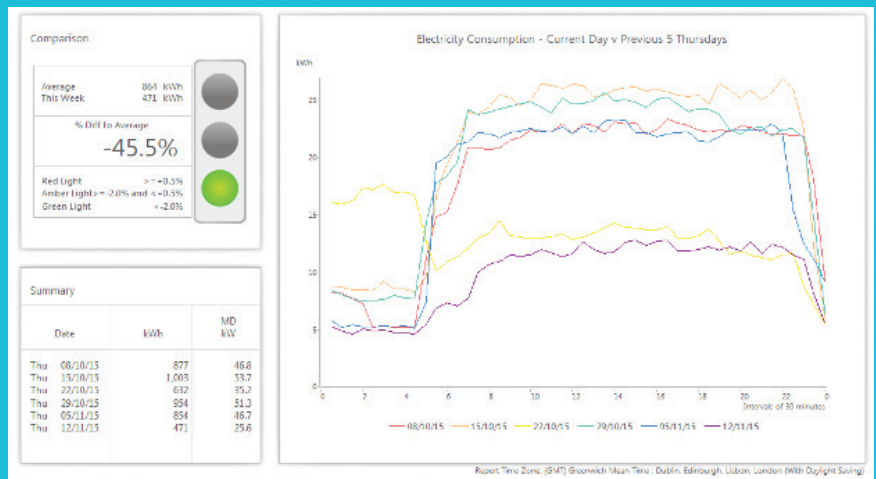
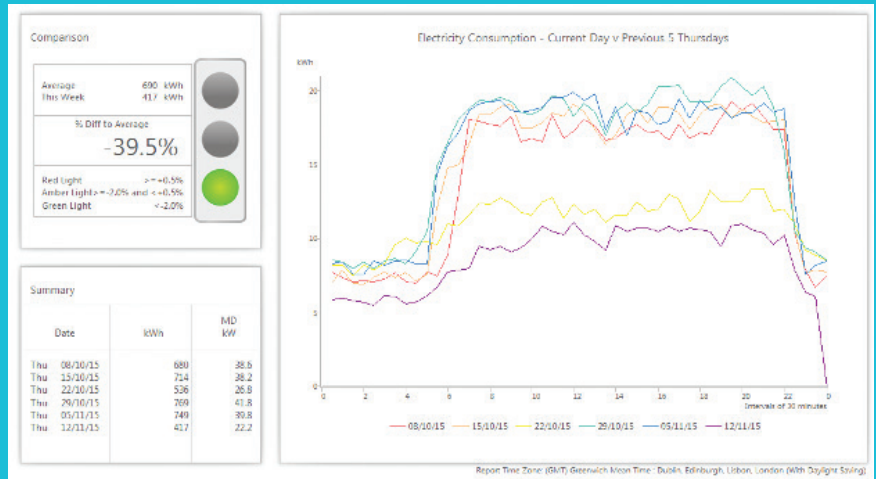
These graphs show a sharp
40 - 45%
reduction in
electricity usage across
2 M&S Simply Food stores.

This is a Saving of

62 tonnes
of 

which is
equivalent to
charging your
smartphone

7,906,998
times



To sequester this amount of
carbon you would need
to plant

1025 trees
grown over
10 years

