

CASE STUDY



Carrefour Cyprus Installations

THE CLIENT

Carrefour is one of the largest hypermarket chains in the world with a varying range of sites, most being convenience store sized. Carrefour is the biggest chain in Greece, Cyprus and the Balkans with over 900 stores.

Powerstar has been installed into two Carrefour stores in Cyprus; the Paralimni store in South East Cyprus, and the Columbia store in Limassol.

THE CHALLENGE

Carrefour recognise that being a retailer requires a great deal of energy throughout the business operation and has implemented a policy to reduce energy consumption.

Part of the companies strategy is to empower individual stores to make decisions on technical and technological solutions they implement, selecting the most appropriate solution based on the biggest impact on the climate.

The Powerstar Cyprus team opened discussions with the store managers at Paralimni and Columbia to identify the guaranteed energy consumption savings Powerstar could deliver the stores.

THE SOLUTION

The Powerstar team undertook site analysis on each store to determine the individual voltage profile and load characteristics of each site. This enabled an accurate savings proposal to be submitted for each building. Thus providing guaranteed and quantifiable savings.

Upon commission of the project Powerstar appointed a dedicated project manager to work with the Carrefour store managers from concept to completion.

This ensured the implementation of the voltage optimisation systems were completed within the clients parameters and delivered optimum savings with minimum fuss and no disruption to Carrefours customers or staff

Average savings from the two Carrefour Cyprus installations are highlighted to the right:

AVERAGE SAVINGS

- 10.4% savings on energy consumption
- 240 tonne reduction in CO2 emissions
- Payback period of under 1 year



CARREFOUR PARALIMNI STORE:
POWERSTAR WAS INSTALLED IN AUG 2011



CARREFOUR COLUMBIA STORE:
POWERSTAR WAS INSTALLED IN FEB 2011

