

CASE STUDY



MODERN'S POWER SAVER IN RETAIL

Introduction

Aldi is a leading global discount supermarket chain with over 9,000 stores in over 18 countries, and an estimated turnover of more than €50bn. Internationally, ALDI Nord operates in Denmark, France, the Benelux countries, the Iberian peninsula, and Poland, while ALDI Süd operates in Ireland, Great Britain, Hungary, Switzerland, Australia, Austria, and Slovenia (ALDI Süd operates as Hofer within the latter two countries mentioned). Both ALDI Nord and Aldi Süd also operate in the United States.

Savings & Benefits

Key Figures

Maximum kWh demand saved: **10.4%**

Co2 emmision reduced per annum: **240.4 Tonnes**

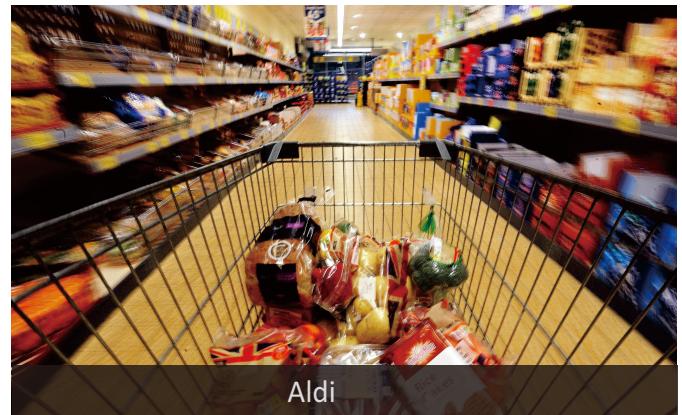
Payback : **Within 5 month**

Benefits

The Aldi has become one of the world's leading distribution groups. Following the installation of Modern 10.4% of annual total energy have been saved and CO2 emissions have been reduced by 240.4 tonnes. The payback period of the project for Aldi was less than 5 month.

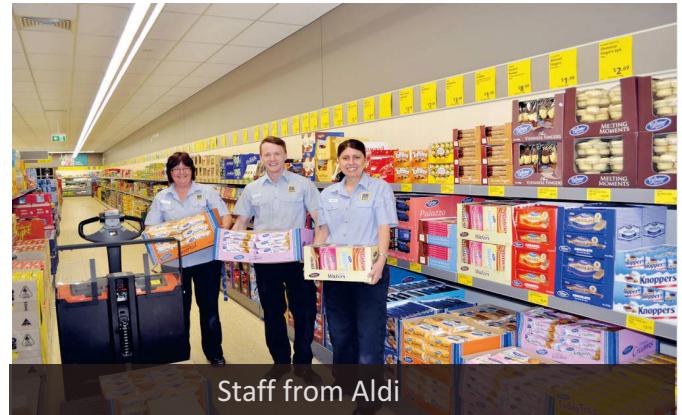
The Challenge

Aldi invest significantly in energy efficient technology. In 2005 they set themself a target of reducing our carbon emissions by 30% in absolute terms by 2020 and, despite huge business growth.



The Solution

The Aldi selected the Modern energy saving voltage regulator to achieve savings in electricity consumption. In January 2011, a 575kVA Modern system was installed at the Aldi office which will reduce the overall energy consumption on the site, hence reduce both their energy bill and CO2 emissions.



Further Information

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