



MODERN'S POWER SAVER IN RETAIL

Introduction

Lush is a cosmetics retailer headquartered in Poole, Dorset United Kingdom. Founded in 1994, there are now over 800 stores in 51 countries. Lush produces and sells a variety of handmade products, including soaps, shower gels, shampoos and hair conditioners, bath bombs, bubble bars, face masks, and hand and body lotions for various skin types. Lush products often contain fruits and vegetables, essential oils, synthetic ingredients, honey and beeswax. The company is against animal testing, and opts to use volunteers in order to test their products instead. The company also refuses to use any sort of animal by-product.

The Challenge

LUSH, actively sought a transparent technology that would effectively reduce their carbon footprint, reduce their electricity costs and would do so in an effective secure and reliable way. lighting, air handling units and computers also contribute to an annual power consumption of around 558,000kWh and electricity bills of US\$79594.3 per year.

The Solution

The Management team of LUSH entrusted the Modern's technology to achieve savings in electricity consumption and to minimise the CO2 emissions. Towards the start of 2010,, 500kVA voltage regulator from Modern was installed at LUSH which will reduce the overall energy consumption on the site, hence reduce both their energy bill carbon footprint.

Savings&Benefits

Key Figures

Electricity consumption savings of **8.12%**

Co2 savings per annum: **29.38 tonnes**

Payback : **Within 12 month**

Benefits

By removing the risk of under or over Modern's units not only allows for savings up to 8.12% more than a fixed reduction system but helps to protect electrical equipment and reduce maintenance costs and enabled LUSH to reduce the CO2 emissions by 29.38 tonnes annually.



Further Information

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