

# CASE STUDY

## palais HOTEL

### VOLTAGE OPTIMISATION IN HOSPITALITY

#### Introduction

The Palais is a newly renovated family hotel offering some of the most stylish and modern facilities along the Adelaide coastline. Being in a beachside location, the Palais is a popular spot and has approximately 100 staff and a turnover of \$7.5 million.

#### The Challenge

As a popular hotel along the southern Australian coastline in the suburb of Semaphore, South Australia, the Palais Hotel has a high 24x7 energy usage from on-site equipment and appliances such as refrigeration, computers, HVAC and pokies.

The hotel was looking to reduce its electricity costs and lessen its impact on the environment without the use of invasive technologies that could affect guest experiences or cause major disruptions to business operations.

#### The Solution

The Palais Hotel was introduced to Powerstar through Liberty Saver, the official distributor for Powerstar in the Northern Territory and South Australia.

Through a process of identifying the most efficient solution for its client, rather than attempting to fit products around the hotel's business, Liberty Saver established voltage optimisation as a suitable solution for the hotel.

Before deciding on voltage optimisation, the Palais Hotel conducted extensive investigations into the suitability of the technology before commissioning installation of a 288 kVA Powerstar system.

Since the installation the hotel has continued to monitor performance to confirm success of the investment.

#### Savings & Benefits

##### Key Figures

Savings on electricity consumption: **10.5%**  
Electricity savings per annum: **\$13,500**  
Estimated payback period: **Under 3 Years**

##### Benefits

Powerstar has now allowed Palais to reduce its electrical usage with installation times met meaning a seamless transition which didn't affect customers or operations.



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## Customer Quotation

“ We are more than happy and pleased we made this investment. We are also glad we are making a contribution in the responsible use of Palais Hotel power.

You can see the Powerstar system is built with long-life materials, so are happy with the quality of the unit.

I have seen enough evidence to know that this is a wise investment that we expect will pay for itself within three years. ”

**Bob Karpluk**, General Manager, the Palais Hotel



The Powerstar installation at Palais



The beach bar at the Palais



## Other Case Studies

There are a range of case studies and client testimonials available on our website, please visit [www.powerstar.com](http://www.powerstar.com) for further information.

## Further Information

Please contact the Powerstar Marketing department at [marketing@powerstar.com](mailto:marketing@powerstar.com).

[www.powerstar.com](http://www.powerstar.com)