



## Case Study

# Austria's AGM Wholesale Stores Save up to 9% in Electricity

### MARKET REQUIREMENTS

ADEG Zell am See GmbH is a large and well-known Cash & Carry, members-only, wholesale supermarket chain in Austria. The chain mainly serves hotels, catering companies, restaurants and bars. The stores carry all types of food, beverages and specialized non-food products.

ADEG Zell am See GmbH was interested in reducing its high annual electricity consumption of 1,000,000 kWh that was attributed to lighting loads used for over 10 hours a day in the stores, as well as 24/7 significant refrigeration loads. Additional goal was to reduce the immense maintenance costs incurred due to equipment failure and extensive light bulbs' replacement.

### SOLUTION

After a careful evaluation, PowerSines' market leading products were selected by ADEG Zell am See GmbH in order to address the desired savings. ComEC VS 800A and 630A units, with the addition of PowerSines' Remote Energy Management System (EMS), were deployed by **Elektro Schartner** throughout the Chain. Installation took place with minimal disturbance to ongoing operations.

### RESULTS

The PowerSines' ComEC VS installations generated up to 9% direct reduction in energy utilization in each of the installed sites. The Cloud based management system enabled convenient remote monitoring and control. The reduced and optimized power supplied by ComEC VS also facilitated a significant drop in bulbs' replacement, as well as lower maintenance costs. Additionally, reduction in CO<sub>2</sub> emissions was introduced, contributing to the protection of the environment.

### CUSTOMER TESTIMONIAL

Mr. Rudolf Schwarzenbacher, CEO of ADEG Zell am See GmbH, indicated that the implementation of the ComEC solution was valuable for his Company and enabled energy efficiency. As noted in the quote, he pointed out ADEG Zell am See GmbH's high level of satisfaction with the results, and the positive fact that the projected energy savings have been exceeded.

Consistent, average saving of up to 9% in electricity by installed units at the stores

Increased equipment lifetime & reduced maintenance costs

Reduction of CO<sub>2</sub> emissions

Cloud Platform enables remote monitoring and management



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