



Case Study

10-13% Saving in Electricity at PAZ Petrol Stations & Stores

MARKET REQUIREMENTS

The **Paz Group** is Israel's leading oil supplier and gas stations corporation. During its 90 years of operation, it has become one of the economy's most prominent brands. Paz supplies a third of Israel's fuel products and is the country's first oil company to own a refinery.

The Paz Group has 275 filling stations and more than 235 Yellow brand convenience stores throughout Israel. The stations and the stores operate 24/7, utilizing extensive canopy and indoor lighting, refrigeration systems, air conditioning, kitchen equipment and other electrical appliances – by so, making electricity consumption an enormous operating expense for the chain. Moreover, the Paz Group's commitment to protect the environment, led it to seek a practical solution to reduce power usage throughout its facilities.

SOLUTION

Following a successful evaluation, **PowerSines' ComEC VS** and **PowerSines' Remote EMS (Energy Management System)**, were selected by the Paz Group in order to target the desired savings.

ComEC VS models 125A - 250A were installed, jointly with the advanced, cloud-based Remote EMS, providing Paz direct energy saving, as well as powerful management tools. The sophisticated system optimizes and reduces energy usage, increases equipment lifetime and reduces maintenance costs. The products' installation and commissioning process was quick and with minimal disruption to ongoing business operation.

RESULTS

The **ComEC VS** installations achieved remarkable, **continuous saving of electricity in the range of 10-13%** across all sites. In addition, reduction in maintenance costs and appliances' failure was registered, contributing **additional 5% savings**. Beyond the above, vital **reduction in CO₂ emissions** was introduced, protecting the environment.

An external consultant working on behalf of Paz had evaluated the data and concluded that the project is very successful. Paz endorsed PowerSines as its prime energy saving solutions' provider, committing to extensive deployment in its petrol stations and convenience stores across the country.

Consistent saving of 10%-13% in electricity expenses, with quick ROI of 3 years

Increase appliances' lifetime & reduce maintenance costs

Cloud-based platform enables remote management

Simple, seamless installation

