

Case Study

Apartment Buildings in Sweden Save up to 10.8% in Electricity

MARKET REQUIREMENTS

The Swedish company **Primula Buildings AB**, established in 1989, provides cost effective, attractive, high quality rental apartments.

Primula has about 80 employees and the company's property portfolio currently consists of a total of about 245,000 square meters spread over 56 properties, with approximately 3100 homes and 230 facilities. All properties are located in Stockholm.

Primula's rental apartment buildings are typically very large; each building includes several elevators, fully equipped laundry rooms, and lighting in common areas (basement corridors, entrances and storage rooms). The buildings contain about 90 apartments (which have their own independent electricity metering). Primula, as the management company of these buildings and facilities, encounters very high electricity costs for the public areas, as well as costly and frequent appliances' maintenance and replacement costs.

In order to continue to meet its goals of providing cost efficient housing, as well as contributing to the protection of the environment, Primula has searched for an effective energy saving solution for its properties.

SOLUTION

Primula evaluated a number of energy saving options for its buildings and facilities, and selected **PowerSines'** advanced solutions.

Depending on the amount and types of electrical loads used at each of Primula's properties, applicable **PowerSines ComEC VS** models were installed. In addition, for effective and convenient management and monitoring of the installed products, PowerSines Remote Energy Management System (EMS) was integrated.

Installation and commissioning was rapid and with minimal disruption to ongoing operations.

**Direct saving of up to 10.8%
in electricity expenses**

**Increase equipment lifetime
& reduced maintenance costs**

**Integrated with Remote EMS
for easy monitoring & control**

Reduction of CO₂ emissions

Simple, seamless installation





Electricity Usage in Laundry Rooms



Lights in Basement Corridors

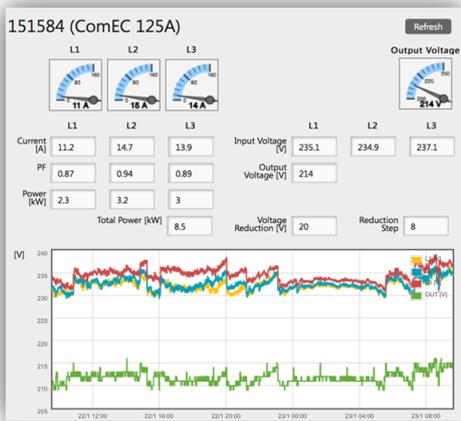
RESULTS

PowerSines' ComEC VS achieved direct **saving** in electricity costs of **up to 10.8%** in the varied installations in Primula's buildings and facilities.

Beyond the direct energy saving that was introduced, indirect savings were also registered, by extending the electrical equipment's lifetime and reducing the ongoing maintenance costs.

Combined with the consumption's reduction and efficient energy use, the ComEC VS yields notable reduction of CO₂ emissions, contributing to a cleaner environment.

The installation of PowerSines' innovative products throughout Primula's properties in Sweden quickly proved to be a very cost effective solution.



Remote EMS Screen



Varied ComEC VS Models