

1500 Locations, One Energy Solution, Long-Term Savings.



Energy Independence. More Choice. Less Waste.

Banco Popular

Portugal

Energy Professionals teamed with one of our leading energy partners to bring massive savings over the course of six years to over 1500 locations.

The Challenge

The Project

Improving Energy Efficiency in the entire branch network

Goals

Reduce energy consumption and related energy costs

Raise awareness across all branches about energy efficiency and its economic impact.

Provide an online, centralized energy management system.

Overview

1,500 Locations

Energy Performance Contract producing a 6 Year ROI

ZERO Investment

Initial Situation

Banco Popular has a branch network and a set of geographically dispersed buildings with heterogeneous structural and energy characteristics, including different types of electricity supply contracts. This reality makes energy management very complex, time consuming and sometimes inefficient.

This financial institution has been pursuing a path for optimize its energy consumption, making the organization more environmentally sustainable. Energy Professionals premier partner developed and presented a branch-based energy management solution based on Energy Performance Contract.

The Implementation Strategy

The implementation phase of the project was divided into two parts. The first one involved carrying out energy assessments, where a survey was made on the consumption of 15 selected branches. After installing the system in two test branches and making the necessary adaptations, our technology partner installed the system for monitoring and controlling energy consumption in all the 168 branches defined by Banco Popular. Due to its size and diversity, this process was completed in 6 months.

The second phase consisted in the elaboration and execution of the strategic plan of actions to reduce electric consumption throughout the universe of monitored branches, to implement the necessary measures to increase Energy Efficiency. During the project, the savings have been measured through the monitoring of the branches' consumption, and the monitoring system has also been maintained.

Results



Centralized control and monitoring of 1500 bank branches, with:

Segmentation of electricity costs

Consumption track record, by branch

Real-time monitoring

Online energy manager



18% savings over the course of 6 years.



€75,000 in savings in the first year, with significantly reduced long term energy costs through efficiency.

Added Capabilities

Possibility to gather on a platform for all the branches.

Introduction of functionalities such as monitoring that indicates the opening and closing of each branch.

Possibility to switch on lighting at a distance to increase safety

Analysis of data collected to adjust contracted power in agencies and load shifting to ensure the correct operation with lower power

Ability to adjust the the illuminated signs with seasonal sunrise and sunset settings.

ROI

An Energy Performance Contract with a 6-year duration. Contractually, the rules of sharing savings have been defined as well as the remaining amount to be requested in case any branches were closed. In the first year of the contract, estimated savings amounted to €75,000.



About Energy Professionals

Founded in 1999, Energy Professionals is one of North America's leading energy consultants working with commercial customers to reduce and control their energy budgets.

We build client-specific, comprehensive energy strategies that factor in our clients' goals and objectives. Utilizing our extensive network of suppliers, energy efficiency experts and renewable energy partners, we bring the most effective, efficient and innovative technologies to the table.

We offer both focused solutions to a specific issue and broad plans to address long-term growth, paving the way for energy independence, providing more choice and less waste.



Solutions Designed For Your Energy Needs

From giving you better control and saving you money with Natural Gas and Energy procurement to creating energy independence with energy efficiency and renewable energy solutions, Energy Professionals designs solutions for your energy needs and budget. Some of our core solutions include:

- Demand Response
- Backup Generation & Batteries
- Energy Intelligence
- Solar & Renewable Energy Solutions
- Energy Efficiency
- Bill Auditing & Expense Management
- HVAC New Life Restoration
- Microgrid Design & Implementation



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