

Utility Management Services, Inc. Reduces Utility Expenses for Episcopal High School

Over \$60,000 in Savings Per Year

As the CFO of Episcopal High School, William DeButts oversees the accounting, facilities and other administrative functions for the 177-year old private boarding school. The extensive campus is home to 400 students who dine and reside there.

Electric Bills – Major Line Item

Electric bills are a significant expense. Episcopal's electrical system includes 65 electrical delivery points to buildings and 30 power company owned transformers. The system has evolved greatly to accommodate the growing number of attendees at the historic school.

Complex Bills, Power Supply Contracts, Rates & Riders

Several of Episcopal's electric accounts were under complex master contracts for the purchase of electricity while other accounts were stand-alone. Adding to the complexity, some delivery points had consolidated metering at primary distribution voltage whereas others had metering at secondary voltage.

To cover the cost of the complex electric distribution system, the power provider applied substantial facilities charges to Episcopal's monthly bills.

Their accounts were on various electric rates and they were being

charged for multiple riders and fees to cover the additional charges. Some of the electric bills had close to 70 line items.

Need for a Thorough Audit

DeButts felt his electric bills were too high. He wanted to have a billing audit performed to identify savings opportunities.

He and his staff did not have the software nor the engineering, analytical and utility background required to perform the audit on their own. DeButts partnered with Utility Management Services, Inc. (UMS) to perform the audit.

UMS Audit Process

UMS obtained the historical billing and usage data for all of the electric accounts. This included obtaining electronic interval usage data for each 30-minute interval over a year – 17,520 individual data points. The certified Business Energy Professionals at UMS used their proprietary software, RateMaster, to search for errors, overcharges, lower rates, unnecessary charges and other savings opportunities.

\$60,000 Per Year in Savings

Despite the very technical, complex contract and billing options, UMS' analytical team was able to identify rate savings opportunities and negotiated and executed a new electric service agreement for the school.

The analysts were also able to eliminate optional fees and riders based on the size and type of account.

Due to the changes UMS made on Episcopal's behalf, the school is saving over \$60,000 per year.

How much money can UMS save for your organization?



"The professionals at UMS performed a thorough analysis on our behalf. They found and implemented about \$60,000/year in savings opportunities. The process was performed off-site and required no staff time on our part."

William DeButts, Episcopal High School CFO



\$150 Million In Savings For Our Customers



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