

University of Illinois Urbana-Champaign leverages SUSI Adapters for Campus-wide meter upgrade

The University of Illinois Urbana-Champaign (UIUC) was founded in 1867 and is the oldest and largest campus in the University of Illinois system. The campus is located between the cities of Urbana and Champaign and consists of hundreds of buildings. The Utility Distribution section of the Facilities & Services Department is managed by Robbie Bauer who over the last decade has championed an effort to improve energy efficiency and save the University money.



One of the first steps was to be able to improve the efficiency and quality of energy measurements from various vintages of solid state and mechanical meters spread throughout campus. New metering options provide automated communication of measurements as well as improved reliability and accuracy. Revamping the infrastructure to accommodate the new metering can create significant funding, scheduling, and coordination hurdles. Robbie and his team were able to circumvent many of those hurdles by using SUSI Adapters. Jeff Isaacs, an electrician from Facilities & Services Utilities Division, performing many of the installations stated “We were challenged with saving money on the University’s energy costs and instilling a culture of energy conservation on campus. New meters were needed and the Adapters from SUSI made the new meter installation process quick, efficient, and cost effective.” The entire campus was tackled in a 12 phase project that included 14 different types of adapters in approximately 200 installations. Robbie added “SUSI Adapters was instrumental in making this effort successful. With the variety of adapters they provide, we were able to upgrade an array of old meter installations to a common meter platform including communications for minimal investment and infrastructure changes. SUSI has been a catalyst for advancing our retro-commissioning efforts and saving the University millions of dollars in energy cost avoidance.