



ENHANCING ENERGY EFFICIENCY AND VALUES THROUGH ADVANCES IN WIRELESS COMMUNICATIONS AND CONTROL TECHNOLOGY

PURPOSE OF THE RESEARCH

Demonstrate how wireless communications control and technology can be used to enhance energy efficiency and decrease costs. This effort is being conducted in cooperation with Profile Systems, LLC to provide innovative methods to optimize the value of energy purchases.

The use of wireless technology for improving energy efficiency has the potential to significantly decrease the cost and time of upgrades. This study is being conducted on Purdue University Calumet's campus to research representative energy and resource efficiency gains through the use of intelligent, real-time wireless controllers.

