Problem: “Universities, businesses and other institutions today face tight operating budgets”, said James Durante, University of Miami Physical Plant Project Manager.

Analysis: The university’s twin, seven story dormitory buildings could achieve higher energy savings with the installation of window film. The film will also improve safety by reducing shattering in case a window breaks, and will enhance comfort by reducing heat and glare.

Solution: The window film installed by Confianza Window Tinting, Inc. reduces solar-generated heat gain inside the buildings by 52 percent. Consequently, the physical plant’s air conditioners don’t have to work so hard to keep the dorms cool. “The particular product used in this project eliminates 98 percent of the UV rays entering through windows”, according to Rafael Fernandez, President of Confianza Window Tinting. The special low-reflective green film has been an aesthetic hit on the University’s lush, subtropical campus. “The film gives the dorms a brand new look that really compliments the rest of the campus building”, Durante said.

Benefits: The University earned an FPL incentive of $15,000 toward installation costs and will enjoy an estimated $6,500 in savings annually because of the increased energy efficiency of the Pearson and Mahoney residential college buildings.