

University of Central Florida Energy Efficiency Measures

- Retrocommissioned Classroom I building
- Retrocommissioned Colbourn Hall
- Installed speed drives in library
- Created in-house commissioning team (2nd university in nation)
- Reconfigured controls in Teaching Academy
- Implemented PC power management
- Constructing 3 M gallon thermal energy storage facility
- Created in-house energy services group to develop, fund and execute sound energy conservation projects
- Invested \$1M in energy projects producing less than 2 year payback
- Replaced 12,000 lamps & 5,000 ballasts with high-efficiency products
- Installed 800 occupancy sensors
- Installed 10KW photovoltaic solar power generation system on Engineering I
- Installed thermal solar system on Tower 1 to provide all daily hot water needs for 500 student residents
- Currently designing & constructing all new building projects to a LEED silver minimum
- Constructed small scale biodiesel production facility
- Converted Toyota Prius to plug-in hybrid vehicle
- Designed game board to educate students on energy & sustainability issues
- Completed 2nd annual Student Energy Conservation Competition
- Installed 1000 flow restrictor on campus lavatories