

Fred Turner Student Services building #0188



Building Gross Sq.Ft.: 41,264

Retrocommissioning Oct 2013—Oct 2014

Team Visit Period:

Principal Building Use: Offices

Building & Occupant Overview

Turner Student Services Building was originally built in 1962 and is 41,264 sq.ft. It is a four floor office building served by a single pneumatically controlled variable air volume system, the air handling unit located in the penthouse mechanical room. In 2012, the old Johnson controls were retired and new Schneider controls were installed in the building.

The facility's total metered energy during FY13 was 8,703 MMBTU.



Retrocommissioning Specifics & Results

The AHU was operating 24/7 prior to the controls upgrade, but a schedule has been implemented. Outside air dampers for the air handling unit was replaced. The belts and sheaves were replaced for the AHU supply and return fans. The VAV boxes were for proper operation and the sensors were calibrated.

Project Highlights

- Old Johnson controls retired and new controls added
- Outside air damper for AHU was replaced
- Belts and Sheaves for AHU were replaced
- Visited each VAV and thermostat and calibrated accordingly
- Modified existing scheduling to better match building usage