

Pennsylvania Lounge Building

Building Gross Sq. Ft: 50,928

Retrocommissioning December 2020 - February 2021

Principal Building Use: Student Housing



Building & Occupant Overview

Pennsylvania Avenue Residence Halls (PAR), constructed in 1962, is home to many first and second year students at UIUC. The PAR complex consists of 4 dorm style buildings, Babcock, Blaisdell, Carr, and Saunders Halls, connected by a central lounge and dining hall. Additionally, PAR features the Global Crossroads and Intersections Living-Learning Communities



Project Highlights

- ☐ Created trends for fans and VAVS
- ☐ Calibrated Melink kitchen hood controls
- ☐ Adjusted the VAV minimums to pressurize dining space
- ☐ Adjusted CO2 sensors
- ☐ Fixed graphics issues
- ☐ Maintained and calibrated AHU1, AHU2, and VAVs

Retrocommissioning Specifics & Results

Overall, the Retrocommissioning Team has been successful in reducing costs by over \$81,700 as of September 2023, corresponding to a 6.5% reduction in total energy consumption within the first year.

