

Energy Reduction and Improved Air Quality at NYC Academic High-rise



Pace University reduced energy by more than 60% at its new 26-story mixed-use learning hub in NYC when compared to its previous building used for the same purposes. It also improved air quality and diverted food waste by incorporating sustainable design elements such as increasing building envelope insulation, efficient HVAC, and advanced lighting systems.

- ▶ Energy efficient approaches included LED lights and lighting control system, extensive use of daylight, high-efficiency HVAC equipment, and smart building automation
- ▶ Façade performs over 20% better than base code requirements
- ▶ Increased air quality by installing MERV-13 filters and bi-polar ionization

