

Additional information.

What upgrades took place when GA Tech acquired complex?

Upgrades included:

- * A retro commissioning plan for the major building systems was implemented
- * Building signage was removed and replaced with fixtures containing LED lights
- * Exterior sealant was removed and re-installed at all windows, doors and floor relief angles
- * New low flow toilets
- * Flow restrictors installed in lavatories and showers
- * Electric and gas metering installed for each building for better monitoring
- * Energy Recovery Units have been repaired, including replacement of enthalpy wheels, motors and variable speed drives
- * Water heater systems were replaced
- * Cooling Towers resurfaced and repaired with monitoring sensors
- * All windows in the complex were repaired and sealed to reduce maintenance and energy usage
- * Installed permanent metering for make-up water for cooling tower, chillers, boilers and irrigation
- * Implementation of the following:
 - Building Exterior and Hardscape Management Plan
 - Integrated Pest Management, Erosion Control and Landscape Management Plan
 - Cooling Tower Water Management Plan
 - Environmentally Preferable Purchasing Policy
 - Solid Waste Management Policy
 - Green Cleaning Policy
 - IAQ Management Program
 - High Performance Cleaning Program

How were residents involved? Were they involved in planning or just implementation?

Projects of this scale cannot be completed without the “buy in” from our residents (students).

Before any changes were planned, we conducted a “Sustainable Living Survey” of our residents. This began as part of Georgia Tech’s Earth Day celebration. Students were queried regarding what they thought, how they lived and what they do as residents of Georgia Tech Housing.

One student group that was very active was the Residence Hall Association (RHA). Of particular note is their annual “Wasted Watts” competition. Buildings are pitted against each other to determine which group can save the most energy during the holiday break. RHA was also valuable in getting the word out on the different projects and how they were proceeding.

Additionally, over the past several years the residents have been asked to participate in two additional surveys regarding transportation issues and dorm room comfort.

As part of the required curriculum, first year students take a course titled “GT 1000”. Among other things, this course introduces them to all things Georgia Tech and we have managed to have the sustainability efforts in GT Housing included in this course.

Where does the video appear?

Our videos are located at www.housing.gatech.edu

Select the box on the right titled “LEEDing the Way”

You will find our videos along with links to other GT Housing sustainable items

How was facility staff engaged?

Georgia Tech Housing maintains its own facility staff. They were eager to take on the task of an addition 800,000 square feet to upgrade and maintain. Once we took possession of the complex many meeting were held within the Housing Facilities group to devise policies and procedure to apply to this new adventure.

Throughout the process managers and supervisors were constantly offering staff members the opportunity to contribute to the plan and ultimate success of the effort.