



# University of Virginia

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## Energy Reduction Efforts

- **Description:**
  - Delta Force: a team-based approach to retro-commissioning existing buildings with a focus on energy and water conservation.
  - Energy Task Force: engages students, faculty, and staff to work together to identify and implement energy reduction efforts.
- **Results:**
  - 3% decrease in energy use between 2014 and 2015
- **Future Plans:**
  - Retro commissioning and/or building optimizing more buildings
  - Continue to target students, faculty, and staff to encourage demand reduction

## Composting- Darden, UVa Dining, and University Hospital

- **Description:**
  - Back of house composting at Darden, UVa Dining, and UVa Hospital.
  - Compostable material sent to Black Bear Composting.
- **Results:**
  - 236 tons of food waste composted in 2014 and 179 tons composted in 2015. Reduction due to a change in compost hauler in July of 2015 and truck issues that left the operation completely shut down for several weeks and the program did not become fully operational again until January of 2016.
- **Future Plans:**
  - Continue efforts to expand composting programs, both back of house and with consumers composting
  - Increase number of zero waste events around grounds

## UVa Recycling

- **Description:**
  - UVa faculty, staff, students, and visitors help by saving recyclable materials and placing them in central locations in buildings where they are collected by the Recycling team. Recyclable materials are collected from all buildings on Grounds and a select number of University occupied buildings near Grounds.
- **Results:**
  - 68% increase in recycled materials from 2014 to 2015
- **Future Plans:**
  - Expand recycling awareness at UVa

- Centralized trash and recycling locations with co-locations for all interior and recycling bins
- New, graphically consistent signage across Grounds

## Water Conservation

- **Description:**
  - Reduction of overall water use through water meters, leak detection and repair, installation of low flow fixtures, underground water collection, condensate capture, and other initiatives.
- **Results:**
  - Decrease in water use from 2014 to 2015 by 4%
  - Decrease in water use from its peak in 1999 by 32% despite an almost 30% increase in gross square feet and an over 22% increase in the number of faculty, staff, and students since that year
- **Future Plans:**
  - Set even more aggressive potable water reduction goals
  - Create a 2016-2025 Water Reduction Action plan

## Greenhouse Gas Emissions Reductions from Stationary Sources

- **Description:**
  - Reduction of GHG emissions from all sources on grounds.
- **Results:**
  - 6% decrease in GHG emissions between 2014 and 2015
- **Future Plans:**
  - Increase use of natural gas and decrease use of coal

## Other Future Commitments:

- The University of Virginia will undertake efforts to reduce both annual greenhouse gas emissions and the amount of reactive nitrogen lost to the environment to levels 25% below year 2009 amounts by the year 2025.
- The University will utilize the highest standards of environmental stewardship and resource conservation and will address other areas of concern beyond greenhouse gas emissions and nitrogen, such as waste, water, stream and river protection, noise and light pollution, open space protection, and conservation of the historical and cultural legacy of the community.
- Completion and implementation of its first University-wide Sustainability plan.