

Local Green Projects

Albany County's commitment to becoming a more sustainable community by "going green" includes many initiatives that help the county reduce energy-related expenses while increasing our use of renewable and alternative energy sources.

This page showcases recent county projects that will conserve energy, protect the environment and save money for Albany County taxpayers. Albany County has many ongoing and completed projects to improve the energy efficiency of County facilities. These projects will save the County cost while reducing wasted energy.

Albany County has been active for a number of years retrofitting buildings and implementing energy conservation measures. Below you will find details about current and past green projects in the County.

Boiler System

112 State St Boiler System – full replacement with high efficiency boilers.

TU Center Roof

Increased insulation will increase efficiency (complete). Chillers have been upgraded recently, which will lead to a significant savings (we have estimated of \$100,000+). HVAC system has been upgraded to high efficiency. Boilers will be upgraded in the near future.

Lighting

General effort to replace all lighting throughout county facilities with LEDs.

HVAC Upgrades

All county buildings will be on an automated logic system for full electronic management of heating and cooling. This is taking place in all county buildings and each county floor in 112 State Street.

Hockey Facility

Solar panels on roof. Panels are owned and maintained by the County. They have reduced energy consumption by 35% at the facility. Recently complete lightly upgrade to new efficient bulbs and ballasts. High efficiency boilers were recently installed.

Coolant system has been replaced with an environmentally friendly system, current system contains toxic

chemical for cooling process.

Family Court

Court HVAC upgrade as part of capital projects.

Efficient Vehicles

Albany County will be undertaking an effort to purchase hybrid and plug-in vehicles to modernize its aging fleet.

Charging Stations – Albany County is working with NYSERDA to install charging stations for use by the public or the Albany County fleet.

Sewage Treatment Power Cogeneration

Utilizing the incinerator waste heat energy, the ORC electrical generator system utilizes “bio-mass” product as an energy generation source. This “green power” source reduces dependence on utility grid fossil-fuel powered electrical generation.

[Read more about the Sewer District Green Initiatives.](#)

Electric Vehicle Charging Stations at Albany Airport

Albany County Executive Daniel P. McCoy is setting an example with his own transportation, likely to expand to other county-owned vehicles. "It has to start with me. I went with the hybrid. We have to start changing our fleet over time. People are going to see that. We're going to be the greenest county.

- **[Photographs of the Event](#)**
- **[Times Union Article](#)**

[Summary of County Energy Improvements 2011-2013](#)