

Echelon Energy partners with several property types, including multi-family properties, to identify and implement utility retrofits that reduce waste and improve tenant satisfaction. In Colorado Springs, Echelon Energy managed a bathroom retrofit project at Lincoln Springs Apartments, which included replacing toilets, showerheads and sink aerators. The complex, which was built in 1974, consists of eight apartment buildings with 180 housing units and 225 bathrooms.



Actions Taken

- All 225 toilets, showerheads and bathroom aerators were replaced in February 2022.
- The toilets that were replaced used either 3.5 gallons per flush (gpf) or 1.28 gpf. They were replaced with .8 gpf Niagara Stealth toilets.
- All showerheads were replaced with 1.5 gallon-per-minute fixtures.

Water Savings Results

- Total estimated water savings are 1,206,570 gallons (3.7 acre-feet) per year with an annual bill savings of more than \$14,000.
- Average daily water consumption for three of the apartment buildings decreased by approximately 50%. One building went from ~280 cubic feet to ~135 cubic feet, another went from ~500 cubic feet to ~240, and the third went from ~370 cubic feet to ~180.

Because of the significant water savings realized in this retrofit, the rebate covered 48% of the cost of the toilets. Lincoln Springs Apartments will realize further water and energy savings from the showerhead and aerator retrofits.

Testimonial from Echelon Energy

"We have had great success with these high-efficiency toilets."



Ultra-high efficiency 0.8 gallons/flush 1

Learn more about Custom Water Rebates at [csu.org](https://www.csu.org)