



2018 VEEP Sustainability Partner



City of Charlottesville

Current Goals

- Community-wide reductions in greenhouse gas (GHG) emissions and associated energy use
- Healthy streams, waterways, and water resources
- Vibrant urban forest with tree-lined streets and lush green neighborhood

Municipal Energy Management

- **Description:**
 - Energy Management for facilities (local government and schools), Streetlights & Signals, and Fleet: building improvements, energy efficiency measures, occupant education, utility data monitoring, high performance green building standards for all new facilities, alternative energy sourcing for buildings, LED technology for streetlights and traffic signals, increased number of alternative fuel and high efficiency fleet vehicles
- **Results:**
 - 344.04 MMBtu of energy reduced in municipal facilities compared to 2016 data
 - \$874,022 cost savings
- **Future Plans:**
 - 5-year annual CIP request for solar PV approved in 2014 for FY2015. If funding continues, an expected 520 kW of solar PV will be installed by 2020
 - Research and planning around alternative solar energy generation strategies is underway

Material Conservation/Waste Reduction

- **Description:**
 - Curbside recycling program; large item pick up; leaf collection for composting, and compostable material collection at the City Market from April – October in 2015 and 2016.
- **Results:**
 - 3,648.99 tons of curbside material recycled in 2017
 - 8.5 tons of compostable material collected and recycled in 2017
- **Future Plans:**
 - Funding approved to continue the program at subsequent annual City Markets and to explore further expansion opportunities
 - Will be offering the City Market program again in 2018, are working to make this option available at a second weekly market event (Farmers In The Park)

Water Conservation

- **Description:**
 - The City provides resources and rebates to save water (e.g., for efficient replacement toilets and rain barrels) and also delivers an extensive public education & outreach campaign. This includes educational activities at summer camps, educating the public at the Fix-A-Leak Family 5K Fun Run, distributing water-saving information and promotional items at dozens of community events every year such as Kid*Vention and the Earth Day Eco-Fair
- **Results:**
 - Placed 10 rainwater harvesting sites with 124,730 gallons of storage capacity
 - Issued 1,534 WaterSense labeled Faucet aerators and 601 WaterSense labeled showerheads
- **Future Plans:**
 - Continue ongoing water conservation education and outreach