

FY27 Climate Program Workplan for the Implementation of the Climate Action Plan

Date: June 7, 2026

City of Charlottesville-led Initiatives and Programs					
Outcome	Initiative/Program	GHG Reduction Impact	Status (Start Date)	Lead Departments	Notes
Resilience Building	Resilient Together	PreReq	In Progress (FY24)	OS	City's Climate Adaptation and Resilience Plan will be brought forward for adoption in FY27. This is a key deliverable of the collaborative climate adaptation and resilience planning process with Albemarle County and UVA.
	Flood Management Program Evaluation and Capacity Building	-	In Progress (FY26)	OS, NDS, PWD, Utilities	City's flood management program evaluation and capacity building. Project initiation is underway. CFPF grant supported.
	Shade Structure Deployment	-	In Progress (FY26)	P&R	Install shade structures at public outdoor facilities to reduce extreme heat exposure
	Resilience and Adaptation Communication	-	In Progress (FY26)	OS, EM	Multi-faceted education & awareness campaign focused on extreme weather and household preparedness
	Extreme Weather Preparedness	-	In Progress (FY26)	OS	Inter-departmental planning group to prepare for extreme weather conditions, especially extreme heat and extreme cold.
Municipal Energy Efficiency & Use Reduction	Power Purchase Agreement (PPA)	H	In Progress (FY25)	OS	Agreements executed for CHS & CMS in Spring 2026. Installation of two solar systems (2.2 MW total capacity) to be completed prior to the end of 2027.
	LED Streetlight Conversion	L	In Progress (FY25)	OS	Ongoing conversion of all Dominion-owned streetlights to LED; project to take 2 - 3 years
	City & Schools Solar PV Program	M	Ongoing	OS, PWD	Annual program activity; next projects being explored
	Municipal Energy Improvement Program	H	Ongoing	OS, PWD	Up next: Lighting Efficiency Upgrades at CATEC, Tall Oaks, Sunrise, Trailblazer, and Summit
	Deliver Charlottesville Middle School and pursue LEED certification	M	In Progress (FY23)	PWD, OS	Renovation/Expansion of the school. Design and construction involve high-performance ("green") components, including optimized energy performance. To be completed in FY27.

	P&R Landscaping Equipment Electrification	L	Ongoing	OS, P&R	Pilot onging. Continue electrification of P&R landscaping equipment.
Community Energy Efficiency & Use Reduction	Residential Energy Efficiency and Renewable Energy Deployment	M	Ongoing	OS	Includes home energy audit program for LMI residents and energy retrofit mini-grants for all residents.
	Community Energy Resource Hub	M	In Progress (FY25)	OS	Support partnership with Albemarle County, LEAP, and C3 to help community better understand and access federal, state, and local home and business energy programs.
	Small Business Energy Efficiency Program	M	New	OS	Includes commercial energy audits, technical assistance, and energy retro-fit grants for small businesses and non-profits. Partnership with C3.
	Home Improvement/Energy Efficiency	M	Ongoing	OBSM	Annual allocations for affordable housing development and "entitlement" from U.S. Dept. of Housing and Urban Development (HUD) for home improvements. Expanding local partners in FY27.
	Utility-led Energy Savings Programs	M	Ongoing	Utilities	Inclusive of Utility-funded efficient equipment rebates, attic insulation rebates, air sealing rebates, programmable thermostat and smart thermostat rebates.
	Attic Insulation Self-Assessment Tool	M	Ongoing	Utilities	Tool developed by Utilities staff for community members to assess the condition of their attic insulation and take steps towards better weatherization.
	Clean Energy Tax Abatement Program	L	Ongoing	Treasurer	Tax incentive related to residential solar and energy efficiency
	Residential Landscaping Equipment Electrification Pilot	L	New	OS	Design/deliver pilot program to support community member adoption of electric landscaping equipment
	School Bus Electrification	M	Ongoing	OS, CAT, PWD	Collect data and evaluate performance of electric school buses (ESBs) introduced to the fleet in FY26. Develop transition scenarios and continue to explore funding strategies for integrating additional ESBs and associated charging infrastructure.
	Transit Zero Emissions Bus (ZEB) Transition	H	In Progress (FY23)	CAT	Pilot and integrate battery electric buses (BEBs) into Transit fleet. First two BEBs to be piloted in FY27. Additional BEBs ordered for FY28 delivery.

Municipal Transportation Electrification	Evaluation of Diesel-Hybrid Buses	PreReq	New	CAT	In response to federal shift on alternatively fueled vehicles, evaluate integrating diesel-hybrid buses into the Transit fleet as part of the ZEB transition.
	City Fleet Electrification	H	In Progress (FY26)	PWD, OS	Develop and initiate a five-year plan for City fleet electrification and associated charging infrastructure; transitioning eligible light-duty vehicles to EVs. Inclusive of public safety vehicle electrification pilot.
	Charging Infrastructure Installation at Fire Stations	L	New	OS, CFD	Deployment of EV charging infrastructure at fire stations to support fleet electrification
Community Transportation Electrification	Public EV Infrastructure Assistance Grant	L	Ongoing	OS	Continue to offer partial funding to local businesses to install publicly accessible EV charging
	Electric Bike Incentive Program	L	In Progress (FY25)	NDS, OS	Program to support community member access to e-bikes.
	ROW Charging Policy Development	PreReq	New	OS, NDS, PWD	Development of policy to support access to EV charging
Community Transportation Improvements	Bicycle/Pedestrian Infrastructure	L	Ongoing	NDS, PWD	Annual program activity
	New Sidewalks	L	Ongoing	NDS, PWD	Annual program activity
	Trail Expansion	L	Ongoing	P&R	Annual program activity
Nature Based Solutions	Urban Forest Management Plan	PreReq	In Progress (FY25)	P&R, OS	Grant supported; Updating and expanding current plan to address both public and private properties and to integrate climate and equity considerations
	Climate Friendly Landscape Management	L	Ongoing	P&R	Mowing/turf reduction, prioritizing natives planting, invasives management. Aligns with Bee City & Biophilic Cities designations.
	Urban Tree Planting	L	Ongoing	P&R	Annual program activity
	Invasive Species Management	L	Ongoing	P&R	Annual program activity
	CHIPP (C'ville Invasive Plant Partnership)	L	Ongoing	OS, P&R	Partnership with CBOs for neighborhood-level invasive species management with resident involvement.

	Energy Saving Tree Program	L	Ongoing	Utilities	Partnership with the Arbor Day Foundation; provides trees to community members and guidance on where to plant them to maximize home energy savings from shade
	Parkland Expansion	L	Ongoing	P&R	Ongoing work to increase public park space throughout the City
Community Waste Reduction	Composting Program	L	Ongoing	OS, PWD, P&R	Annual program activity
	Litter and Plastic Pollution Reduction Campaign	L	New	OS, Comms	Partnership with Albemarle Co. to deliver a regional education and awareness campaign. Supported by plastic bag tax funds.
	Urban Wood Program Pilot	L	New	P&R, OS	Program to divert city-generated wood waste from landfills.
Other Programmatic Activities	GHG Inventory	PreReq	Annual	OS	Annual program activity
	Working in a Sustainable Environment (WISE) Program Delivery	L	Ongoing	OS	Implementation of recently developed employee engagement program to encourage and operationalize sustainability at work
	Climate Working Group	PreReq	Ongoing	OS	Inter-departmental working group for implementing the Climate Action Plan. Will be expanded to integrate efforts related to implementing the Climate Adaptation and Resilience Plan.
	Community Education & Outreach	PreReq	Ongoing	OS	Annual program activity; focused on making information, programs, and services equitable, accessible, and widespread
	Carbon Offset Alternatives Evaluation	PreReq	New	OS	Research and evaluate options for offsetting emissions from Charlottesville Gas.