Environmental and Energy Program

Program Description

This section Includes environmental and energy strategy projects and describes the on-going Sustainability Policy for County facilities.

Link to the Comprehensive Plan

Fairfax County's Comprehensive Plan, Public Facilities (Objective 6), Environment (Objectives 1-13), and Parks and Recreation Policy Plan Elements (Objectives 1-7) include environmental and energy objectives.

Source: Fairfax County Comprehensive Plan, 2017 Edition; Policy Plan - Public Facilities, Amended through 5-7-2024; Environment, Amended through 12-9-2025; Parks and Recreation, Amended through 12-9-2025

Program Initiatives

The Fairfax County Board of Supervisors has set the framework for the County's environmental initiatives through its vision, goals, policies, and ordinances. Two key principles direct the vision: the conservation of limited natural resources and a commitment to providing the resources needed to protect the environment. The vision is connected to how the County provides services and focuses on seven core service areas: Land Use, Transportation, Water, Waste Management, Parks and Ecological Resources, Climate and Energy, and Environmental Stewardship.

Environmental Initiatives

County agencies regularly collaborate and coordinate on environmental initiatives. The Office of Environmental and Energy Coordination (OEEC) leads the County's cross-organizational development and implementation of environmental and energy policies, goals, programs, and projects. This includes coordinating the implementation of the county's Operational Energy Strategy (OES), Community-wide Energy and Climate Action Plan (CECAP) and Resilient Fairfax. OEEC and other agencies also coordinate closely with the county's Environmental Quality Advisory Council (EQAC), which is an independent, board-appointed advisory committee.

Climate Action Plans

Operational Energy Strategy

The Board of Supervisors adopted the goal to have County operations be energy carbon neutral by 2040 through a Carbon Neutral Counties Declaration. To support this goal, the Board also adopted the Operational Energy Strategy (OES). The 2021 OES includes accelerated goals and targets across the following 11 focus areas to meet the carbon neutral goal: Greenhouse Gas Emissions Reductions, Energy Use and Efficiency, Water Use and Efficiency, Green Buildings, Renewables, Fleet Electrification, Goods and Services, Waste Management and Recycling, Awareness and Engagement, Utility Cost Management, and Reporting and Collaboration. The OES promotes cost-effective solutions and an energy-conscious culture for government agencies and employees. The resulting reductions in energy use will help reduce greenhouse gas emissions, mitigate escalating energy costs, and promote a more sustainable future for Fairfax County.

The OES is designed to reduce emissions across all major emitting sectors. The County is working to decrease energy use in County buildings by as much as 50 percent by 2040 and to produce 50 percent of electricity from renewable energy sources by 2040, compared to FY 2018 baselines. Agencies which manage county facilities incorporate practices in operation, maintenance, and equipment replacement to achieve energy reductions, and OEEC oversees an energy saving performance contract (ESPC) to implement deep energy retrofits at County facilities. OEEC also coordinates solar installations with facility-managing agencies under the ESPC program and under the Solar Power Purchase Agreement (PPA) program.

With respect to transportation, the OES includes fleet electrification targets for Electric Vehicles (EV) and buses, with both fleets to be powered by electricity or a non-carbon emitting alternative by 2035. The County recently completed an EV readiness study to guide policy and strategies for achievable fleet vehicle electrification. As of FY 2025, 137 EV charging ports have been installed at County facilities, and 74 EVs are in service in the fleet and transit operations.

Another highlight from the OES includes a target in the Waste Management and Recycling focus area to be Zero Waste by 2030. As of 2023, the County had achieved a 29 percent waste diversion rate in pursuit of a 90 percent target. The Zero Waste Champions network, led by Department of Procurement and Material Management and including staff from all agencies, continues to innovate ways to reduce waste generation and increase recycling and compost in day-to-day County operations.

Finally, the OES green buildings policy adopted the Leadership in Energy and Environmental Design (LEED®) rating system as it provides a holistic approach to sustainability and a path towards a Net Zero standard.

CECAP and Resilient Fairfax

The CECAP is an emissions reduction plan to achieve carbon neutrality in the community by 2050 with a focus on five sectors: Buildings and Energy Efficiency, Energy Supply, Transportation, Waste, and Natural Resources. Resilient Fairfax is a plan and program to help Fairfax County adapt and become more resilient to changing climate-related conditions, such as extreme heat, severe storms, and flooding. These plans are implemented through a number of County programs and policies guided by an inter-agency effort.

Sustainability Rating Systems

The OES adopted the LEED rating system to provide a holistic approach to sustainability and a path towards achieving a NetZero standard. Some of the key benefits of LEED include:

- **Financial:** Lower operating costs, lower life cycle costs, and increased building value
- **Environmental:** Greenhouse gas emission reductions, energy and water savings, waste diversion from the landfill, conservation of natural resources, air and water quality improvements, biodiversity, and ecosystem protection
- **Social/Cognitive:** Increased cognitive function, focused and applied activity level, crisis response, increased user productivity and satisfaction, public relations, and community benefits

To date, 49 County buildings have been completed under the sustainable development policy, with one building receiving the Platinum certification, 21 buildings certified as LEED Gold, 26 certified as LEED Silver, and one LEED Certified. In addition, the County tracks infrastructure projects under the Envision Rating System for sustainable practices. The Huntington Levee project received Bronze Certification, and the Disinfection System Replacement project received Gold Certification under Envision. County garages follow the Parksmart Sustainability Rating System, with the Monument Drive Commuter Parking Garage and Transit Center currently pursuing certification.

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Sustainable Strategies for Capital Projects

Early in the design phase, the County explores cost-effective opportunities to reduce energy consumption and greenhouse gas emissions.

Energy Demand

County strategies that are utilized to reduce the building's energy demand include setting targets to establish building performance indicators; ensuring the building serves its function and reduces unproductive energy demand; and orienting the building to reduce the building envelope losses and gains, utilizing natural ventilation, solar, and daylight. The County designs buildings with an envelope assembly that reduces heating or cooling losses through the thermal envelope, reducing energy demand and ensures buildings are provided with advanced energy metering via the building automation and energy management system(s) to capture real-time performance data.

Energy Efficiency

The efforts to reduce building energy demand provide the foundation for energy efficiency within the supporting systems and end users. During the building design phase, decisions are made to invest in energy efficient technologies. To date, such systems have been implemented in County buildings including: Variable Air Volume (VAV) HVAC Systems with Control Strategies, Variable Refrigerant Flow (VRF) HVAC Systems, Energy Recovery Systems, Indoor and Outdoor LED Lighting Systems, and Lighting Controls (systems that actively track building occupancy lighting needs and harvest nature daylighting to reduce lighting fixture demand and energy consumption via sensors and can communicate to central lighting controls). In addition, all appliances are specified as Energy Star Certified; Energy Modeling software is used during the design to determine and prioritize energy efficiency measures and system types; and Commissioning and/or Enhanced Commissioning is required to provide an independent authority to verify that the operation of all systems meets the design, installation, and future operational requirements. Infrastructure for Electric Vehicle (EV) Charging Stations is also being phased into the building design which will provide stations for building occupants and visitors

To maintain all efforts made during design and construction, it is critical to be mindful of the post occupancy activities that maintain energy performance targets. Staff continue to confirm the building is performing as designed and are trained properly on new building system technologies while promoting energy efficiency strategies with occupants.

Renewable Energy

All projects are analyzed early in the design process to determine the feasibility of solar photovoltaic systems and infrastructure can be supported in the design. The County has awarded contracts to vendors for solar Power Purchase Agreement (PPA) services and is working with the vendors on the implementation and Operational and Maintenance (O&M) phases.

Water Conservation

The conservation and creative reuse of water are important in addressing overall water use reduction in buildings and on sites. Fixtures, such as showerheads, toilets, and faucets, are specified as low flow to ensure lower water consumption. The low flow requirement has been incorporated in the design guidelines for all current and future projects. Storage tanks or cisterns can hold rainwater that can be utilized for non-potable uses, such as irrigation. The feasibility of incorporating a rainwater harvesting system is evaluated during the design of new construction projects. Strategies to reuse wastewater for non-potable uses will be evaluated for new construction projects that are in early design. New construction projects are designed to follow the County's natural landscaping policy, with a goal to minimize resource consumption, reduce stormwater runoff, increase the habitat value of the site, and increase soil and plant health. The use of natural landscaping and native species reduces the need for irrigation, thereby reducing outdoor water usage. Exterior hose bibs are provided at strategic places around the building in lieu of an automatic irrigation system, in all new construction projects. Finally, an early feasibility study of the use of green roofs is included in each project scope. Green roofs minimize heating and air conditioning costs, in addition to reducing stormwater runoff.

Sustainable Sites

Focusing on sustainable strategies is key to maintaining the environment surrounding the building, vital relationships among buildings and ecosystems, restoring project site elements, integrating the site with local and regional ecosystems, and preserving the biodiversity that natural systems rely on. Reducing the parking footprint can minimize the environmental harms associated with impervious areas, including automobile dependence, land consumption and rainwater runoff. Location and available alternate transportation options are evaluated for each project site during design. Potential reductions in parking requirements are developed based on user needs. Green Infrastructure and Low Impact Development (LID) reduce rainwater runoff volume and improve water quality by replicating the natural hydrology and water balance of the site. Approaches and techniques for LID involve minimizing disturbed areas on the site, limiting the amount of impervious cover on the site and infiltrating, filtering, storing, evaporating, or detaining rainwater runoff at or close to its source. Strategies for stormwater management including bioswales, dry ponds and infiltration trenches, and going above and beyond minimum code requirements, are analyzed early in the design process.

Indoor Environmental Quality

Green buildings with good indoor environmental quality promote the health and comfort of building occupants. High quality indoor environments also enhance productivity, decrease absenteeism, and increase the building value. Design guidelines for all projects require use of products that have low volatile organic compounds. Green cleaning products and procedures are practiced, minimizing negative impact, and protecting the health of employees. All new projects strive to optimize natural daylighting strategies to enhance the indoor lighting quality.

Materials, Resources, and Waste Management

Sustainably produced materials, waste reduction, and reuse and recycling strategies help in minimizing embodied energy impacts associated with the extraction, processing, transport, maintenance, and disposal of building materials. Project requirements emphasize the use of locally produced materials and staff must develop and implement a construction and demolition waste management plan with a goal to reduce waste disposed in landfills and incineration facilities by recovering, reusing, and recycling materials.

Innovation in Design

Other sustainable strategies include options, such as bird friendly design, involving articulation of facades, and a combination of opaque and transparent materials to reduce bird collisions. Some examples of recently completed CIP projects utilizing green building strategies include:

Lorton Community Center/Library: With the addition of solar panels, the project is on track to achieve LEED Gold certification. The new multi-generational facility collocated with the Lorton Community Park includes a Senior Center, Community Center, Non-Profit Food Pantry, and Library. The building includes energy-efficient systems, water-reducing plumbing fixtures, an optimized building envelope, electric vehicle charging stations; and is designed for the installation of rooftop solar panels. The clerestory windows along the main corridor provide abundant natural light into the interior spaces, that along with the systems and materials used in the facility, not only reduce energy consumption but also provide healthy indoor air quality and occupant comfort. Important tree protection measures and preservation of the existing trees surrounding the site was an important sustainability goal. Critically important was the preservation of the approximately 200-year-old White Oak tree that is one of the most significant trees in the County.

Monument Garage and Transit Center: This project is part of the VDOT "Transform I-66 Outside the Beltway", initiative and is on track to achieve the County's first "Park Smart" certification. This new facility features 820 parking spaces and a transit center with 8 bus bays. The parking garage is a pre-cast structure using durable, low-maintenance materials, and includes energy-efficient systems, low-flow plumbing fixtures, electric vehicle charging stations, and rooftop solar panels as well as LED lighting, controlled by occupancy sensors, photo detectors, and time clocks, reducing energy consumption and maintenance. On-site waste is managed by solar-powered compacting waste stations. The construction phase of the project included a waste management plan that recycled 86 percent of construction waste.

Woodlawn Fire Station: This project is on track to achieve LEED Platinum certification. This new state-of-the-art emergency readiness and response facility includes a photovoltaic system which delivers on-site power generation. Other sustainable design strategies include LED lighting with occupancy sensors and daylight harvesting sensors to take advantage of natural light, use of recycled materials and regionally sourced materials, low VOC interior finishes and furnishings to improve interior air quality, low flow plumbing fixtures and native landscaping to ensure water efficiency, and the use of energy efficient appliances and equipment throughout the building. The construction phase of the project included a waste management plan that recycled 177.6 tons of construction waste.

Equity Initiatives

Equity Review and Initiatives

The community-facing programs included in the Environmental and Energy Program, through the Community-wide Climate Action Plan and Resilient Fairfax are guided by the One Fairfax policy. The design and implementation of these initiatives strive to reflect the diverse needs of the community and reduce disparities within vulnerable and historically underserved populations. For example, Charge Up Fairfax and the Energy Conservation Assistance Program (ECAP) include equity in the selection process and provide additional cost-share reimbursement funds for HOA's, places of worship and nonprofit organizations located in communities having high or very high vulnerability scores based on the One Fairfax Vulnerability Index. For example, Charge Up Fairfax assists community associations to overcome the technical and financial barriers associated with installing Electric Vehicle Charging Stations. Charge Up Fairfax provides up to $12,000 to participants in areas with high or very high vulnerabilities as defined by the Vulnerability Index. The ECAP provides a cost share reimbursement program for energy efficiency, renewable energy and resilience upgrades. Participants located in more vulnerable areas pay less of the cost share (25 percent instead of 50 percent) for energy efficiency and renewable projects.

As part of the planning process for the Resilient Fairfax Program, a vulnerability and risk assessment (VRA) index tool was used to analyze the exposure to climate hazards such as extreme heat and flooding on vulnerable communities. This assessment helps guide the prioritization and implementation of Resilient Fairfax strategies. For example, the AC Rescue program helps fill gaps and provide opportunities to improve cooling assistance services provided by the County. An older manufactured home community located along the Richmond Highway corridor is a community that is vulnerable to both extreme heat and flooding. To provide relief from an ongoing heat wave, OEEC worked with multiple County agencies as well as nonprofit partners including Faith Alliance for Climate Solutions, Rebuilding Together, Tenants and Workers United, and United Community to install air conditioning units. The units were donated and were installed by Rebuilding Together. This pilot program is identifying additional gaps and opportunities to improve cooling assistance services through existing programs and community partnerships.

Finally, the use of the Plastic Bag Tax revenue received annually from the Virginia Department of Taxation supports environmental clean-up, education programs designed to reduce environmental waste, mitigation of pollution and litter, and the provision of reusable bags to recipients of certain federal food support programs. The County's Operation Stream Shield is a program supported by plastic bag tax revenues which provides individuals experiencing homelessness the opportunity to remove litter from streams and trails in return for a nominal stipend and workforce skills. This program addresses the need for litter cleanup across the County, improves water quality, and achieves pollution reduction goals of the Municipal Separate Storm Sewer System (MS4) Permit Program, while working with an underserved and vulnerable population by temporary financial support and providing job training and placement. Many of the projects highlighted below also support the One Fairfax Policy.

Current Project Descriptions

1. **Charge Up Fairfax (Countywide):** This is a continuing project to support the Charge Up Fairfax Program. This program helps facilitate at-home electric vehicle charging by residents of multifamily residential communities, particularly homeowner associations and condominium associations.

2. **Climate Action Implementation (Countywide):** This is a continuing project to support the implementation of the County's Community-wide Energy and Climate Action Plan (CECAP) and Resilient Fairfax. This is a comprehensive initiative that focuses on the development of programs that empower individuals, businesses, and organizations to take climate action throughout the community to reduce emissions and build resilience. For each sector of emissions reduction, there are county-affiliated programs either currently available or actively in development. These programs provide supplies, volunteer training, promotional materials, educational resources, and meaningful opportunities. County-affiliated programs and partnerships nurture, cultivate, and catalyze climate action throughout the community.

3. **Composting Program (Countywide):** $104,600 was approved to date to support two composting projects. One project supports a Composting Pilot Program at Fairfax County government offices, managed by an employee volunteer group. A second project supports a pilot composting program developed by DPWES's Solid Waste Management Program (SWMP). SWMP has implemented a pilot drop-off program for residential food scraps, with initial drop-off locations near the existing residential recycling drop-off centers at the I-66 Transfer Station and the I-95 Landfill Complex and at five farmer's markets in the County. SWMP efforts to educate residents about the program include the creation and distribution of fact sheets, the development of an instructional video, and community presentations.

4. **County - Energy Efficiency and Renewables (Countywide):** This is a continuing project to support ESCO contracts at select County facilities. ESCOs offer comprehensive energy saving solutions by performing building assessments, identifying energy saving upgrades, estimating potential savings, implementing the upgrades, and verifying the savings.

5. **Energy Conservation Assistance Program (Countywide):** This is a continuing project which provides grants and expert guidance to organizations implementing energy efficiency updates, installing renewable energy solutions or enhancing the resilience of structures and property to withstand the impacts of climate change.

6. **EV Stations (Countywide):** $8,023,917 has been approved to date to support the transition from gasoline-powered passenger vehicles to hybrid-electric and electric vehicles (EVs), which require both the purchase of EVs and the deployment of EV charging infrastructure. Consistent with the Board's policy and strategic direction, the County awarded a contract for the purchase of Level II commercial electric vehicle charging stations (EVCS) and software that allows the Department of Vehicle Services to manage usage, set rates, receive payment, bill fleet drivers for electricity usage, and run sustainability reports.

7. **FMD Retrofits (Countywide):** This is a continuing project to support cost-effective, energy-efficient, innovative technologies at County facilities. A reduction in energy use will help mitigate escalating energy costs and promote a "greener" future. Some of the projects identified to date include replacing incandescent or fluorescent lighting with LED lighting, reducing water use at County facilities, installing solar panels at County facilities, and optimizing resource conservation by increasing recycling rates. All of these projects are designed to reduce greenhouse gas emissions, lower utility bills for County buildings, and promote an energy-conscious culture within the County's workplace.

8. **Green Business Partners (Countywide):** This is a continuing project designed to bolster the Green Business Partners (GBP) program, enhance program offerings, and increase membership. GBP aims to support a thriving, resilient business community working to reduce greenhouse gas emissions and promote sustainability to meet the goals of the Climate Action Plan. Funding of $100,000 is included for this program in FY 2027.

9. **Invasive Plants Mitigation Study (Countywide):** $135,000 has been approved to support an Invasive Plants Mitigation Study to address the impact of the aggressive growth of invasive plant species at County parks, on roadways, and at public and private properties resulting in comprehensive mitigation strategies.

10. **Latino Conservation Week Support (Countywide):** $11,500 has been approved for the Latino Conservation Week (LCW). LCW began in 2014 as a campaign to support the Latino community in exploring the environment and participating in natural resource protection. Funding will support community engagement and improvement opportunities as well as conservation-based work experience in the Latino community.

11. **LED Streetlights (Countywide):** $9,420,000 has been approved to date support the five-year LED streetlight conversion plan. The goal of the plan is to convert more than 56,000 standard existing mercury vapor, high pressure sodium, and metal halide fixtures to Light Emitting Diodes (LED) streetlights. The cost of the conversion plan is expected to be partially offset by projected savings in utility costs. In addition, conversion of these streetlights will remove 32.4 million pounds of carbon dioxide equivalent emissions annually. Additional funding was recently approved for the second phase of the program which includes for the conversion of an additional 189 non-standard streetlights in the Tyson Corridor and continues the County's mission of energy savings.

12. **Parks – Energy Efficiency and Renewables (Countywide):** This is a continuing project which supports building energy improvements at Park Authority facilities. The Park Authority has identified several potential energy retrofit projects including Building Automated System (BAS) integration of air handling units; HVAC controls and lighting upgrades; specialty recreation lighting upgrades; and pumphouse and bathroom control upgrades for improved energy efficiency.

13. **Parks Battery Leaf Blowers (Countywide):** $323,112 has been approved to date for the replacement of gas-powered Park equipment with more environmentally friendly electric equipment. The Park Authority will purchase 55 battery-operated backpack leaf blowers for use by staff at its six geographical maintenance area workgroups. These workgroups are responsible for the upkeep of the Park Authority's 23,869 acres of property, including approximately 8,000 acres of developed and actively maintained recreation areas and facilities.

Other electric equipment will also be purchased for use by staff at these maintenance area shops and at other Park facilities.

14. **Parks Conservation and Education (Countywide):** This is a continuing project which provides for conservation and education initiatives through the Park Authority. Planned programming includes outdoor recreation opportunities in County parks, educational experiences for adults and youths to increase outreach on environmental issues, career exposure opportunities for young adults, and improvements to conservation outreach materials, such as increased signage and the provision of translation services at events.

15. **Parks Invasive Management Area Program (Countywide):** This is a continuing program managed by the Park Authority to provide for the removal of invasive plants from park properties. The program is volunteer supported and helps to restore hundreds of acres of important natural areas and protect tree canopies. More than 39,000 trained volunteers have contributed over 165,000 hours of service since the program's inception in 2005, improving over 1,900 acres of parkland. These activities ensure ecological integrity of natural areas and prevent further degradation of their native communities. Funding of $478,500 has been included in FY 2027 for this program.

16. **Parks Watch the Green Grow (Countywide)**: This is a continuing project to support the Watch the Green Grow Program. Watch the Green Grow is an outreach and education program with the overarching goal of creating buffers surrounding natural areas by encouraging green behaviors on private property. The outcome will include a web map "snapshot" of stewardship activities of an informed citizenry that actively and voluntarily engages in behaviors that protect and enhance Fairfax County's natural areas and wildlife corridors. This project is designed as a public education project to increase residents' awareness of the value of public green spaces (especially wildlife corridors) and lead them to adopt small, but important, stewardship behaviors that will help buffer these areas from urbanization stressors like invasive plants. Funding of $48,500 has been included in FY 2027 for this program.

17. **Plastic Bag Tax Projects (Countywide):** $9,336,079 in plastic bag tax revenues has been received and appropriated for use through the *FY 2026 Third Quarter Review.* On September 14, 2021, the Board of Supervisors adopted an ordinance to enact a $0.05 tax, effective January 1, 2022, on disposable plastic bags provided by grocery stores, convenience stores, and drugstores. VA Code Sec. 58.1-1745.B dictates that revenues from the plastic bag tax program are to be appropriated for environmental clean-up, education programs designed to reduce environmental waste, mitigation of pollution and litter, and the provision of reusable bags to recipients of certain federal food support programs.

18. **Reserve for Carbon Neutral Operations (Countywide):** This reserve has been established to begin to implement the Carbon Neutral Counties Declaration and associated initiatives. The Declaration commits Fairfax County to energy carbon neutrality by 2040. The Carbon Neutral Counties Declaration, 2021 Operational Energy Strategy and Zero Waste Plan, reflect recommendations developed by the Joint Environmental Task Force (JET), which was a joint initiative between Fairfax County Government and Fairfax County Public Schools to identify areas of collaboration to advance County and school efforts in energy efficiency and environmental sustainability.

19. **Residential Energy Program (Countywide):** This is a continuing project to support initiatives addressing energy efficiency and clean energy in the residential sector of the community. Funding will support consultants to fully launch Energy Compass. This program actively engages with residents in single-family residential homes, through a concierge-type service, and creates synergies with Sustain Fairfax and a state-wide program offered by Virginia Energy. Consultants will serve as "energy navigators" guiding residents through a decision-making process on energy saving measures for their homes. Funding of $400,000 has been included in FY 2027 for this program.

20. **Resilient Fairfax (Countywide):** This is a continuing project approved to help Fairfax County adapt and become more resilient to changing climate-related conditions, such as extreme heat, severe storms, and flooding. Interagency teams and community partners are working together to improve and enhance access to extreme heat, storm, and flood resilience services with a focus on those who are most vulnerable. Funding of $75,000 has been included in FY 2027 for this program to include continued support for the AC Rescue program.

21. **Sustain Fairfax (Countywide):** This is a continuing project approved to support the Sustain Fairfax Initiative. Sustain Fairfax is an overarching public education and outreach initiative of CECAP and includes the Sustain Fairfax Challenge platform developing marketing campaigns, web content, social media posts, and other resources for residents to assist in taking climate action. Funding of $75,000 has been included in FY 2027 for this initiative.

22. **Water Chestnut Control (Countywide):** This is a continuing project supporting the Water Chestnut Control program. This is a multi-year program to fund a water chestnut early detection rapid response control program. This program is intended to suppress the spread and reduce the fruiting of an invasive species, commonly known as water chestnut. This plant grows in dense, unsightly mats and impacts the functionality and aesthetics of ponds, including stormwater facilities. In addition, its large seeds can cause painful injuries to people and animals walking in the water near the shore. Funding will support engagement efforts with private pond owners and operators, and the suppression of water chestnut plants at up to 30 infested ponds on property owned by the Park Authority, Homeowners Associations, or places of worship. Funding of $123,000 has been included in FY 2027 for this program.

Project Cost Summaries

Environmental and Energy Program

($000's)

	Project Title Project Number	Source of Funds	Budgeted or Expended Through FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2027 - FY 2031	Total FY 2032- FY 2036	Total
1	Charge Up Fairfax	G	***$675***						$0		$675
	2G02-044-000										
2	Climate Action Implementation	G	***$2,776***		$650	$650	$650	$650	$2,600		$5,376
	2G02-042-000										
3	Composting Program	G	***$105***						$0		$105
	2G02-027-000										
4	County - Energy Efficiency and Renewables	G	***$12,709***						$0		$12,709
	2G02-035-000										
5	Energy Conservation Assistance Program	G	***$300***						$0		$300
	2G02-045-000										
6	EV Stations	G	***$8,024***						$0		$8,024
	GF-000063										
7	FMD Retrofits	G	***$1,578***						$0		$1,578
	GF-000064										
8	Green Business Partners	G	***$150***	***$100***					$100		$250
	2G02-046-000										
9	Invasive Plants Mitigation Study	G	***$135***						$0		$135
	2G25-135-000										
10	Latino Conservation Week Support	G	***$12***						$0		$12
	2G51-050-000										
11	LED Streetlights	G	***$9,420***						$0		$9,420
	GF-000065										
12	Parks - Energy Efficiency and Renewables	G	***$7,093***						$0		$7,093
	2G51-057-000										
13	Parks Battery Leaf Blowers	G	***$323***						$0		$323
	PR-000158										

Project Cost Summaries

Environmental and Energy Program

($000's)

	Project Title Project Number	Source of Funds	Budgeted or Expended Through FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total FY 2027 - FY 2031	Total FY 2032- FY 2036	Total
14	Parks Conservation and Education	G	***$210***						$0		$210
	2G51-062-000										
15	Parks Invasive Management Area Program	G	***C***	***$479***	$479	$479	$479	$479	$2,395	$2,395	$4,790
	2G51-046-000										
16	Parks Watch the Green Grow	G	***$113***	***$48***	$48	$48	$48	$48	$240		$353
	2G51-045-000										
17	Plastic Bag Tax Projects	X	***$9,336***						$0		$9,336
	2G02-041-000										
18	Reserve for Carbon Neutral Operations	G	***$662***						$0		$662
	2G02-038-000										
19	Residential Energy Program	G	***$1,001***	***$400***					$400		$1,401
	2G02-043-000										
20	Resilient Fairfax	G	***$500***	***$75***					$75		$575
	2G02-047-000										
21	Sustain Fairfax	G	***$200***	***$75***					$75		$275
	2G02-050-000										
22	Water Chestnut Control	G	***$281***	***$123***	$123	$123	$123	$123	$615		$896
	2G02-049-000										
	Total		***$55,603***	**$1,300**	**$1,300**	**$1,300**	**$1,300**	**$1,300**	**$6,500**	**$2,395**	**$64,498**

Notes: Numbers in bold italics represent funded amounts. A "C" in the 'Budgeted or Expended' column denotes a continuing project.

Key: Source of Funds

B	Bonds
F	Federal
G	General Fund
S	State
U	Undetermined
X	Other