

# Department of Energy and Environment FY2023

Agency Department of Energy and Environment

Agency Code KGO

Fiscal Year 2023

**Mission** The mission of the Department of Energy and Environment (DOEE) is to improve the quality of life for the residents and natural inhabitants of the nation’s capital by protecting and restoring the environment, conserving our natural resources, mitigating pollution, increasing access to clean and renewable energy, and educating the public on ways to secure a sustainable future.

## Strategic Objectives

Objective Number	Strategic Objective
1	Conserve the natural environment and wildlife of the District, and restore and protect aquatic resources from pollution and degradation
2	Protect the public health of all District residents by improving the environment in areas related to air, soil, and indoor pollution
3	Reduce the energy burden on the District’s most vulnerable and low income populations, reduce overall energy consumption, and increase the use of renewable energy generated in the District, and enhance reliability, resiliency and environmental performance of energy systems in the District.
4	Increase engagement with District residents and businesses in an equitable way to increase understanding and adoption of sustainability practices, and implement programs and policies that ensure the District remains a national and international leader in sustainability and climate change.
5	Administer efficient and effective environmental enforcement operations, strategies, and outreach that bring polluters into compliance with the District’s environmental laws
6	Create and maintain a highly efficient, transparent, and responsive District government.
7	Reduce the energy and water burden on the District’s most vulnerable and low-income populations by helping with utility assistance and residential services related to energy efficiency and lead.

## Key Performance Indicators (KPIs)

Measure	Directionality	FY 2020 Actual	FY 2021 Actual	FY 2022 Target	FY 2023 Target
<b>1 - Conserve the natural environment and wildlife of the District, and restore and protect aquatic resources from pollution and degradation (3 Measures)</b>					
Number of trees planted by DOEE to help the District meet its goal of 40 percent tree canopy coverage by 2032	Up is Better	2390	3290	3000	3000
Percent of District land retrofitted with green infrastructure that prevents stormwater runoff from becoming pollution	Up is Better	4.6%	5.2%	5.5%	5.5%
Square footage of green roofs installed	Up is Better	649,641	884,092	500,000	500,000
<b>2 - Protect the public health of all District residents by improving the environment in areas related to air, soil, and indoor pollution (3 Measures)</b>					
Compliance rate of underground storage tanks inspected	Up is Better	93.9%	96.5%	72%	72%
Percent of children with a newly identified blood lead level of 5 µg/dL or greater, out of all District children less than six years old, who had a blood lead test during the fiscal year	Down is Better	0.5%	0.5%	1%	1%
Percentage of properties with identified lead-based paint hazards that are issued an Enforcement Order or a Notice related to the identification of a lead-based paint hazard within 28 days of the property’s risk assessment	Up is Better	84.8%	92.7%	90%	90%
<b>3 - Reduce the energy burden on the District’s most vulnerable and low income populations, reduce overall energy consumption, and increase the use of renewable energy generated in the District, and enhance reliability, resiliency and environmental performance of energy systems in the District. (2 Measures)</b>					
Compliance rate of energy benchmarking	Up is Better	96%	96%	80%	80%
Number of low-income households receiving solar installations/benefits	Up is Better	2732	2829	2000	2000
<b>4 - Increase engagement with District residents and businesses in an equitable way to increase understanding and adoption of sustainability practices, and implement programs and policies that ensure the District remains a national and international leader in sustainability and climate change. (2 Measures)</b>					
Percent of DOEE actions in the Sustainable DC Plan complete	Up is Better	25.3%	8.4%	15%	15%
Percent of greenhouse gas emissions reduction from the 2006 baseline year to meet 2050 goal	Up is Better	27%	31%	33%	33%
<b>5 - Administer efficient and effective environmental enforcement operations, strategies, and outreach that bring polluters into compliance with the District’s environmental laws (2 Measures)</b>					

Measure	Directionality	FY 2020 Actual	FY 2021 Actual	FY 2022 Target	FY 2023 Target
Air monitoring network performance- Percent of data captured for submitting to EPA's national air quality database	Up is Better	93.5%	95.8%	75%	75%
Rate of Compliance with District Environmental Law Detected through Inspections	Up is Better	89.8%	86%	75%	75%

## Operations

Operations Title	Operations Description	Type of Operations
<b>1 - Conserve the natural environment and wildlife of the District, and restore and protect aquatic resources from pollution and degradation (1 Activity)</b>		
Natural resources services performed by agency	The DOEE Natural Resources Administration oversees fisheries and wildlife, water quality, watershed protection, and stormwater management in the District. It provides certification, review, and technical services to businesses, Federal and District government agencies, and District residents through licensing, inspections, monitoring, permitting, and technical assistance. It also provides natural resources education and outreach and demonstrates new technologies to protect natural resources.	Daily Service
<b>2 - Protect the public health of all District residents by improving the environment in areas related to air, soil, and indoor pollution (1 Activity)</b>		
Environmental health services performed by agency	The DOEE Environmental Services Administration works to reduce hazards and contaminants in District land, air, water, and homes by certifying facilities and professional service providers, reviewing plans, issuing permits, conducting inspections, and recommending new policy directions. Specific programs include lead poisoning prevention, healthy homes, radon exposure, mold remediation licensing, air quality, pesticides, hazardous waste, underground storage tanks, and contaminated site remediation.	Daily Service
<b>3 - Reduce the energy burden on the District's most vulnerable and low income populations, reduce overall energy consumption, and increase the use of renewable energy generated in the District, and enhance reliability, resiliency and environmental performance of energy systems in the District. (1 Activity)</b>		
Energy services provided by agency	The DOEE Energy Administration provides advice and recommendations to the Mayor on current or impending energy related problems, and serves as the lead entity to develop and implement a comprehensive long-range District energy plan to achieve maximum effective management and use of present and future sources of energy. It administers energy efficiency and renewable energy programs that help District residents use less energy and generate on-site clean energy, and provides direct financial assistance and discounts to low-income residents to help off-set their energy bills.	Daily Service
<b>4 - Increase engagement with District residents and businesses in an equitable way to increase understanding and adoption of sustainability practices, and implement programs and policies that ensure the District remains a national and international leader in sustainability and climate change. (1 Activity)</b>		
Sustainability and engagement activities performed by the agency	The DOEE Urban Sustainability Administration develops innovative policy and programming to address environmental challenges and increase sustainability in the District. It coordinates programs and communications with sister agencies, the Mayor's office, and non-government stakeholders to promote widespread adoption of sustainable practices through implementation of the District's Sustainable DC Plan, waste reduction initiatives, green building policy and programs, greenhouse gas emission reductions, and climate change resiliency planning.	Daily Service
<b>5 - Administer efficient and effective environmental enforcement operations, strategies, and outreach that bring polluters into compliance with the District's environmental laws (1 Activity)</b>		
Enforcement services performed by the agency	The DOEE Office of Enforcement and Environmental Justice develops and implements effective practices to support DOEE enforcement efforts. The office works directly with DOEE's environmental enforcement programs by coordinating planning, providing training, developing standard procedures, and managing the civil infractions program. The office serves as the lead agency contact for enforcement matters involving U.S. Environmental Protection Agency (EPA) Region 3.	Daily Service
<b>6 - Create and maintain a highly efficient, transparent, and responsive District government. (1 Activity)</b>		
Operation services performed by the agency	Agency Support	Daily Service
<b>7 - Reduce the energy and water burden on the District's most vulnerable and low-income populations by helping with utility assistance and residential services related to energy efficiency and lead. (1 Activity)</b>		
Utility assistance and residential services provided by agency	The DOEE Utility Affordability Administration administers energy efficiency and weatherization programs that help District residents use less energy and provides direct financial assistance and discounts to low-income residents to help off-set their energy and water bills.	Daily Service

## Workload Measures (WMs)

Measure	FY 2020 Actual	FY 2021 Actual
<b>1 - Natural resources services performed by agency (8 Measures)</b>		
Number of Construction Stormwater Inspections	Not Available	707
Number of industrial stormwater inspections	Not Available	52
Number of Stormwater Management Plan Maintenance Notices issued	Not Available	41
Number of Food Service Ware inspections	153	253
Number of Bag Law inspections	215	156
Number of RiverSmart Homes audits performed	847	1321
Number of Aquatic Resources Education Center participants	1206	1147
Number of Stormwater Retention Credits sold since program inception	Not Available	1,364,378
<b>2 - Environmental health services performed by agency (6 Measures)</b>		
Number of hazardous waste inspections conducted	48	82
Number of Significant Operational Compliance inspections of underground storage tanks conducted	72	56
Number of National Emission Standards for Hazardous Air Pollutants (NESHAP) asbestos permits processed	467	492
Number of contaminated site clean-ups under regulatory oversight in the District	104	32
Number of leaking UST (underground storage tank) cleanups completed	Not Available	19
Number of pesticide inspections conducted	56	130
<b>3 - Energy services provided by agency (4 Measures)</b>		
Amount of solar capacity installed (MW) through DOEE-funded	Not Available	Not Available
Number of workers enrolled in Solar Works DC Training	Not Available	Not Available
Number of workers completing Solar Works DC Training	Not Available	Not Available
Number of Solar Works DC trainees placed in full-time job post program	Not Available	Not Available
<b>4 - Sustainability and engagement activities performed by the agency (2 Measures)</b>		
Number of school visits, community meetings, and events where environmental and sustainability programs, activities, and initiatives are promoted	50	36
Number of social media posts and electronic communications containing environmental and sustainability engagement messaging	2340	1328
<b>5 - Enforcement services performed by the agency (2 Measures)</b>		
Number of Notices of Infraction processed	312	225
Amount collected from fines and penalties	\$229,082	\$130,414.9
<b>7 - Utility assistance and residential services provided by agency (5 Measures)</b>		
Number of low-income households receiving water assistance through the Low-Income Household Water Assistance Program (LIHWAP)	Not Available	Not Available
Number of low-income households receiving CRIAC Relief	4706	5523
Number of low-income households receiving energy efficiency measures and services	402	490
Number of residents receiving assistance under the Lead Pipe Replacement Assistance Program	131	224
Number of low-income households receiving home energy assistance through the Low-Income Home Energy Assistance Program (LIHEAP)	15,779	13,189