



**GREEN
WRENCH**
TECHNICAL ASSISTANCE
DEPARTMENT OF ENERGY & ENVIRONMENT

TOOLBOX

MARCH 2022



Image: DOEE

SIGN UP

The GreenWrench Program provides free pollution prevention guidance and training to District auto body and repair shops. GreenWrench services include:

1. Technical assistance visits
2. Workshops
3. GreenWrench Toolbox Newsletter
4. Certification

Sign up online at doee.dc.gov/service/greenwrench or by calling (202)-430-0156

DOEE PROGRAM UPDATES & OPPORTUNITIES

CLEAN ENERGY DC 2.0

DOEE seeks an eligible entity to provide DC residents, businesses, and government a clear set of actions they can take to reduce energy use and greenhouse gas emissions, and increase awareness on topics of energy, energy efficiency, and climate change by updating the Clean Energy DC Plan (CEDC 2.0). The deadline for application submissions is March 18, 2022. Learn more at <https://doee.dc.gov/node/1581731>.

2022 GZEP WATERSHED PROTECTION AND ENERGY PROJECTS

DOEE seeks eligible entities to propose projects that will educate and train District youth and young adults, ages 14-24, participating in the Green Zone Environmental Program (GZEP), a summer workforce development program. In addition, DOEE is seeking grantees to support GZEP by conducting meaningful outreach to District residents to recruit participants for the 2023 GZEP programming and establish a pipeline of participants for future sessions. The deadline for applications is April 1, 2022. Learn more at dcseu.com/traingreen.

GET ACCESS TO NO-COST GREEN TRAINING AND CERTIFICATIONS

The DCSEU is excited to kick off the FY 2022 Train Green SEICBP Program. Train Green is a no-cost training, credentialing, and certification program designed to expand the local green workforce, available to District Certified Business Enterprises (CBEs) and CBE-Eligible firms and their staff. This year the DCSEU will be introducing new Training Pathways to better help participants at every skill/experience level find the best courses for their interests. Courses will range from more broad introductory courses to more specific advanced courses. In order to access courses as they become available, all potential participants will be required to complete the Train Green SEICBP Program Access Form. Learn more about the program at dcseu.com/traingreen.

EPA REVISES EXISTING NATIONAL GHG EMISSIONS STANDARDS

In December 2021, the Environmental Protection Agency (EPA) finalized federal greenhouse gas (GHG) emissions standards for passenger cars and light trucks for Model Years (MY) 2023 through 2026. The final standards leverage advances in clean car technology to unlock \$190 billion in net benefits to Americans, including reducing climate pollution, improving public health, and saving drivers money at the pump. These standards are the strongest vehicle emissions standards ever established for the light-duty vehicle sector, and are based on sound science and grounded in a rigorous assessment of current and future technologies. The updated standards will result in avoiding more than 3 billion tons of GHG emissions through 2050.

Table One: Comparison of Fleet Average Target Projections for the Final Standards Compared to Updated Fleet Average Target Projections* for the Proposed Standards, SAFE Rule and 2012 Rule

	EPA PROJECTED FLEET-WIDE CO2 EMISSIONS STANDARDS	EPA CO2 STANDARDS EXPRESSED AS “MPG EQUIVALENT”**	EPA ESTIMATED REAL WORLD LABEL VALUE***
MY 2026 Standard Projections: Final Rule	161 grams/mile	55 mpg	40 mpg
MY 2026 Standards: 2020 Final Rule (SAFE2)	208 grams/mile	43 mpg	32 mpg
MY 2025 Standards: 2012 Final Rule	180 grams/mile	50 mpg	36 mpg

*All values calculated using the final rule updated fleet mix of 47% cars and 53% trucks in MY2026.

**MPG equivalent is the MPG assuming the GHG standards are met exclusively by reducing tailpipe CO2.

***This is a value that would be comparable to what a consumer would see on a fuel economy label and reflects real-world impacts on GHG emissions and fuel economy that are not captured by the compliance tests, including high speed driving, air conditioning usage, and cold temperatures.

Making cars cleaner is critical to address climate change. Transportation is the single largest source of GHG emissions in the United States, making up 29 percent of all emissions. Within the transportation sector, passenger cars and trucks are the largest contributor, at 58 percent of all transportation sources and 17 percent of total U.S. GHG emissions.

Source: <https://www.epa.gov/regulations-emissions-vehicles-and-engines/proposed-rule-revise-existing-national-ghg-emissions#rule-summary>

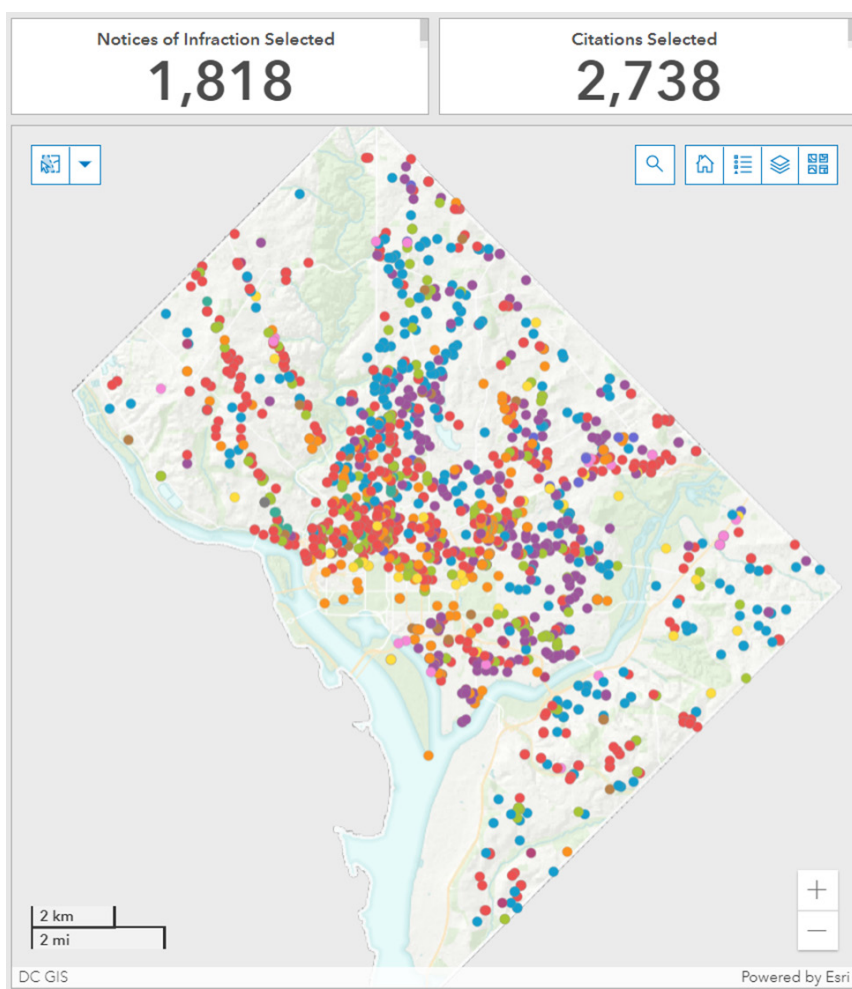
DOEE'S ENFORCEMENT DASHBOARD

DOEE recently launched an interactive enforcement map for public use. The map is accessible through the DOEE public facing website <http://doee.dc.gov> by clicking on the link labeled DOEE Enforcement Dashboard. The enforcement dashboard provides access to all Notices of Infraction (NOIs) issued by DOEE from October 2015 until September 2021 and will be updated annually. An NOI is an enforcement action that imposes a monetary penalty for non-compliance.

Users can apply basic queries to NOI data that filter NOIs by the date of issuance, the enforcement program of issuance, and/or the location of the violation by Ward. These filters can assist in understanding trends in enforcement at DOEE. Users can also use mapping

features to zoom in and out, view aerial imagery, and view the NOI history of a specific address. Clicking a point on the map directly will allow a user to click through all violations that occurred at the location and provides enforcement information about the specific NOI that was issued including the fine amount associated with the NOI and the final disposition.

While the Enforcement Dashboard has some limitations it represents a great improvement in the way DOEE communicates basic enforcement actions with the public. Users can learn more by accessing the Enforcement Dashboard User Guide and may view the enforcement dashboard directly via this link: www.arcgis.com/apps/dashboards/d08fb7c8ffa34e53848fc44419548613.





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DCEVGP (globaleee.org)

DID YOU KNOW?

The Washington DC Electric Vehicle Grand Prix (DCEVGP) will be hosting the 10th anniversary of its yearly competition on Wednesday April 30th. The Grand Prix is a hands-on educational program for high schools in Washington DC, Maryland, Ohio, and Virginia.

Students will race three-wheeler EVs that are highly efficient and powered by deep cycle lead acid battery packs (<73 pounds).

The race is held on a purpose-built closed track with a minimum length of 0.25 miles with clear safety guidelines. Teams drive their electrically powered vehicles as far as possible for one hour on the closed loop course using only energy stored in their batteries. The winner of the DCEVGP is the team that covers the longest distance in the allotted hour.

Find out more information: DCEVGP (globaleee.org)



GOVERNMENT OF THE
DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR