



**EXECUTIVE ORDER No. 2021-024**  
**Increasing Fuel Efficiency and Electrifying**  
**Baltimore County's Fleet**

WHEREAS, emissions of greenhouse gases, including carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), and fluorinated gases have been increasing globally due to human activity since the late 1800's; and

WHEREAS, the emission of greenhouse gases is driving changes to our global climate, which manifest regionally as more high heat days and more frequent and intense precipitation events that lead to flooding; and

WHEREAS, Baltimore County, Maryland, seeks to be a leader in reducing greenhouse gas emissions and fossil-fuel based energy consumption; and

WHEREAS, Baltimore County, Maryland, completed a Greenhouse Gas Inventory and Climate Action Plan in 2020 to guide the reduction of emissions and fossil fuel consumption across three broad categories of County operations: Buildings and Energy, Transportation, and Waste; and

WHEREAS, Baltimore County government's on-road fleet of vehicles and equipment represent roughly 20 percent of the enterprise-wide greenhouse gas emissions; and

WHEREAS, Baltimore County's Climate Action Plan outlines strategies for transitioning the County government's vehicle fleet to fuel-efficient hybrid and electric vehicles.

NOW, THEREFORE, it is this 8th day of October, 2021, by the County Executive of Baltimore County, Maryland, ordered

1. From this date forward, new and replacement passenger vehicles for the Baltimore County government fleet will be hybrid or electric vehicles as the County strives to reduce reliance on fossil fuels and greenhouse gas emissions.


2. In accordance with the County's Greenhouse Gas Inventory and Climate Action Plan, the County will, by 2030:
  - a. Convert at least 10 percent of the County government's passenger fleet to electric vehicles and install the charging infrastructure necessary to support these vehicles; and
  - b. Replace remaining passenger vehicles with fuel-efficient hybrid models.
3. To ensure this transition is executed in a sustainable and fiscally-responsible manner, an internal Working Group of County staff with finance, vehicle management, sustainability, and procurement responsibilities, plus up to three staff from agencies with substantial or unique vehicle needs, is hereby created to:
  - a. Refine current vehicle selection, procurement, and payment processes and assumptions to better reflect life-cycle cost analyses, extended vehicle life cycles and options for modified "billing" processes that encourage efficient vehicle use;
  - b. Develop guidance and training for all procurement and vehicle maintenance professionals, as well as all County staff who will be tracking, scheduling, and operating new vehicles, to facilitate adoption of and comfort with hybrid and electric vehicles and understanding of EV charging and maintenance needs;
  - c. Continue the planning and build-out of EV charging infrastructure for fleet vehicles and the coordination of shared charging infrastructure, with a focus on spreading costs among user agencies and optimal placement throughout the county; and
  - d. Examine and recommend opportunities for transitioning service and specialty vehicles, heavy trucks and equipment, and small engine equipment to higher efficiency or electric models.

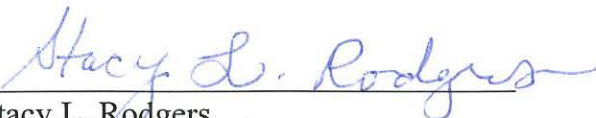
This Order applies to all departments of Baltimore County government, and is to remain effective until rescinded, superseded, amended, or revised by additional orders. The effect of any statute, rule or regulation of any agency of Baltimore County, Maryland, inconsistent with this Order is hereby suspended.


A copy of this Executive Order shall be made available at [www.baltimorecountymd.gov](http://www.baltimorecountymd.gov) for the public.

ATTEST:

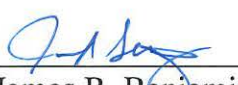
  
\_\_\_\_\_  
Dawn Kile  
Executive Secretary


  
\_\_\_\_\_  
John A. Olszewski, Jr.  
County Executive

  
\_\_\_\_\_  
Stacy L. Rodgers  
County Administrative Officer

  
\_\_\_\_\_  
Edward P. Blades  
Director, Office of Budget and Finance

Reviewed for legal form and sufficiency and approved for execution

  
\_\_\_\_\_  
James R. Benjamin, Jr.  
County Attorney

  
\_\_\_\_\_  
Date