

**RESOLUTION: To Transition the City On-Road
Fleet to Cleaner and More
Efficient Fuel Sources to Reduce
Petroleum Fuel Consumption and
Greenhouse Gas Emissions**

WHEREAS, the petroleum-fueled transportation sector is the second largest source of greenhouse gas emissions (36%) in Rockville and is a contributing factor to air pollution and climate change, threatening the health of our citizens and the environmental sustainability of our planet; and

WHEREAS, the Washington DC metropolitan region, including Montgomery County, is currently designated as non-attainment for the federal health standards for ozone pollution and a primary source is motor vehicle emissions; and

WHEREAS, the transportation sector needs support to move towards adoption of clean fuel vehicle technology, including electric vehicles (EVs), that reduces our dependence on fossil and foreign fuels and supports a healthy environment and economy; and

WHEREAS, electrification of cars, trucks, and buses is needed to achieve deep reductions in carbon pollution, and the benefits grow over time as utilities transition to higher levels of clean renewable energy; and

WHEREAS, the Maryland Energy Administration established the Maryland Smart Energy Communities program to encourage local governments to adopt certain policies related to energy efficiency, renewable energy, and/or transportation petroleum reduction, and put plans in place to achieve the goals established in those policies; and

WHEREAS, the Mayor and Council approved resolution 12-13 declaring the City of Rockville's intent to take a leadership role in reducing electricity consumption and generating renewable energy, partner with the Maryland Energy Administration, and enroll as a Maryland Smart Energy Community; and

WHEREAS, by extending the City of Rockville's enrollment in the Maryland Energy Administration's Smart Energy Community Program to include transportation petroleum reduction, the City is committed to being a socially responsible leader to reduce local environmental impacts by better managing transportation petroleum consumption and greenhouse gas emissions; and

WHEREAS, the City of Rockville supports the transportation sector's transition to clean fuel vehicle technologies, including vehicle electrification and charging infrastructure, to meet its goals for reducing greenhouse gas emissions; and

WHEREAS, the City of Rockville is dedicated to being a leader in the use of clean energy, establishing policies and programs that conserve energy, promoting sustainability, and supporting Maryland's goal of 300,000 EVs on its roads by 2025; and

WHEREAS, the expansion of electric vehicle charging infrastructure is needed to support the transition to electric fleet vehicles; and

WHEREAS, a lower total cost of ownership (TCO) often makes EVs more financially competitive which is why many cities are now evaluating and/or investing in electric transit buses, electric school buses, electric police vehicles, electric refuse trucks, and other fleet vehicles; and

WHEREAS, the City of Rockville was awarded fleet technical assistance through the Maryland Energy Administration's (MEA) Clean Fuels Technical Assistance (CFTA) Program to develop a high-level fleet assessment that identified a list of potential vehicles where the mileage, use, and cost savings may be suitable for electrification; and

WHEREAS, the Rockville Climate Action Plan includes an action to "convert the City fleet to cleaner and more efficient fuel sources" and outlines an enhanced strategy to further accelerate electric fleet vehicle conversions beyond vehicles identified by the CFTA assessment in a manner that considers vehicle replacement duty needs for a variety of leased and purchased vehicle classes, model availability, changes in supply and new technologies, and infrastructure needs; and

WHEREAS, the Rockville Climate Action Plan includes an action to "establish a new Capital Improvement Project (CIP) to expand electric vehicle charging infrastructure on City property to serve employees, fleet and the community" to strategically plan, fund and install electric vehicle supply equipment (EVSE) to support the transition to electric vehicles; and

WHEREAS, alternative, clean fuel vehicle technologies are continually evolving, and may include other fuel options such as hydrogen fuel cells, biodiesel, biogas, or other sources not yet widely available or yet to be developed, and the City will need to continue to monitor clean fuel technologies for suitability to meet emissions reduction goals and vehicle duty needs;

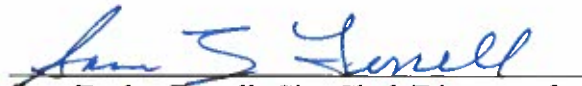
NOW, THEREFORE, BE IT RESOLVED THAT THE MAYOR AND COUNCIL OF ROCKVILLE, MARYLAND, DO HEREBY PROCLAIM, as follows:

1. The City of Rockville will transition the City on-road fleet to cleaner and more efficient fuel sources to reduce petroleum fuel consumption and greenhouse gas emissions.
2. The City of Rockville will expand enrollment as a Maryland Energy Administration Smart Energy Community by establishing a 20% transportation petroleum reduction goal: reducing gasoline and diesel consumption of the City's on-road fleet vehicles by 20 percent between FY 2023 and FY 2028, using a petroleum consumption baseline of fiscal year 2019 to reflect pre-pandemic fuel consumption conditions.

3. Beginning with the FY 2023 vehicle replacement schedule, the City will implement the enhanced electrification approach outlined in the Climate Action Plan to convert leased vehicles, including sedans, SUVs and pickups, to electric and hybrid electric vehicles, when models are available that fit the vehicle's duty cycle.
4. Beginning in FY 2023, the City will begin to plan, invest, and install the associated electric vehicle charging infrastructure required to support fleet conversions in the fleet replacement schedule.
5. The Department of Public Works will report petroleum consumption and reduction progress annually to the Maryland Energy Administration to track progress to meeting the 20% petroleum reduction goal.
6. When a vehicle replacement occurs that does not utilize an electric or clean energy model, the Fleet Manager will include an explanation of why the conversion was not feasible and the factors that were considered in the decision; and
7. The Department of Public Works will continue to monitor the market for available electric or electric hybrid models or other new clean fuel vehicle technologies that may be suitable for the duty cycles of other light duty vehicles (police vehicles, buses, and vehicles used in snow operations or other emergency functions) and purchased heavy duty vehicles (refuse and other heavy-duty vehicles).

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I hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Mayor and Council of Rockville as its meeting of January 10, 2022.


Sara Taylor-Ferrell, City Clerk/Director of
Council Operations

