

Review of Environment and Energy Not in Board Packages (NIPs)

Environment and energy-related NIPs distributed to the Board since the December 14, 2021 Environmental Committee meeting are listed and summarized below for Board review and discussion, as needed:

Board of Supervisors Environmental Committee Meeting Follow-up: Maryland Incentives Regarding Electric Vehicles (January 2022)

During a presentation at the December 14, 2021, Environmental Committee meeting on electric vehicle (EV) charging infrastructure, staff advised the Board of Supervisors that as of the date of the presentation, Fairfax County EV registrations were significantly below EV registrations in Montgomery County: 4,114 as compared to 12,763. Chairman McKay observed that state incentives likely played a role in Montgomery County's higher EV registration rate and asked for more information on those incentives. This memorandum describes the incentives available to Maryland purchasers of EVs. It also briefly discusses the possible impact of the Maryland Clean Cars Program, as the wider range of EVs available to consumers in Maryland may be contributing to the higher EV adoption rate in Montgomery County.

Update on State and Federal Vehicle Emissions Standards (January 2022)

In the 2021 session of the Virginia General Assembly, the Board of Supervisors expressed support for House Bill 1965 (Bagby), which directed the State Air Pollution Control Board to implement a low-emissions vehicle (LEV) and zero-emissions vehicle (ZEV) program for motor vehicles with a model year of 2025 and later. Although the bill passed and was signed into law in March 2021, there was some uncertainty about Virginia's ability to proceed due to restrictions at the federal level put in place by the previous Administration. Since the 2021 General Assembly session concluded, several important developments have occurred at both the state and federal levels to address these uncertainties, particularly within the last two months. The purpose of this memorandum is to update the Board on these developments and highlight their significance to the county.

Fairfax Green Initiatives Update (February 2022)

On February 5, 2019, the Board of Supervisors unanimously approved the Fairfax Green Initiatives Board Matter, which outlined 19 energy-related action items for Board offices, three Board committees, the Tree Commission and the County Executive. In July 2020, the Board unanimously approved a follow-on motion, the Fairfax Green Initiatives #2 Board Matter, which included 14 additional environment and energy-related action items for the County Executive, County Attorney, Land Use Policy Committee, and several county departments and agencies.

In June 2019, staff developed an Implementation Matrix to track progress on Fairfax Green Initiatives. The matrix, which is shared quarterly with the Board, tracks completed, ongoing and anticipated implementation on action items. The purpose of this memorandum is to describe progress made on Fairfax Green Initiatives #1 and #2 action items since the last update was provided to the Board in September 2021. An updated Implementation Matrix is included as an attachment.

CECAP Implementation: CY 2022 Through Mid-CY 2023 (February 2022)

On September 14, 2021, the Board of Supervisors accepted the Community-wide Energy and Climate Action Plan (CECAP). CECAP aims to encourage and harness voluntary community action to reduce local greenhouse gas emissions 50 percent by 2030 and 75 percent by 2040, before achieving carbon neutrality by 2050.

The Board's acceptance of CECAP set in motion staff implementation activities, which fall within three broad categories and are described in the memorandum: (1) long-term implementation planning; (2) legislative concepts and proposals; and (3) public education and outreach campaigns. An attachment describes eight distinct public education and outreach campaigns related to CECAP's goals that will be rolled out between February 2022 and June 2023 under the umbrella of "Carbon-Free Fairfax."

Chloride Total Maximum Daily Load and Salt Management Strategy Update (February 2022)

This NIP provides an update regarding the Chloride Total Maximum Daily Load (TMDL) since the presentation to the Environmental Committee on October 27, 2020. Fairfax County's new Municipal Separate Storm Sewer System (MS4) permit will set the county regulatory obligation related to Chloride TMDL. Fairfax County expects the new permit will be reissued in 2022 and will give the county 30 months to develop a Chloride TMDL Action Plan. The county is on schedule to comply with the anticipated 30-month requirement in terms of adopting Salt Management Strategy (SaMS) toolkit strategies.