



FAIRFAX COUNTY PARK AUTHORITY



M E M O R A N D U M

TO: Chairman and Members
Park Authority Board

VIA: Jai Cole, Executive Director

FROM: Stephanie Leedom, Division Director
Planning and Development Division

DATE: October 27, 2021

Agenda

**Planning and Development Committee
(Committee of the Whole)
Wednesday, October 27, 2021 – 6:30pm
Boardroom – Herrity Building
Chairman: Ken Quincy
Vice Chair: Mike Thompson**

1. County Environmental, Energy, and Climate News (with presentation) – Information
2. FCPA Energy Plan Update (with presentation) - Information



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INFORMATION - 1

County Environmental, Energy, and Climate News.

In the past twelve months there have been several major additions and updates to the County's Environmental, Climate, and Energy policies. On October 1, 2020, the Fairfax County Joint Environmental Task Force (JET), a team comprised of two (2) Board of Supervisor members, two (2) School Board members, and members of nine (9) local advocacy groups, issued their Final Report to identify areas of collaboration between the Fairfax County Government and Fairfax Public Schools to further County efforts in energy efficiency and environmental sustainability. The Final Report broke goals into four (4) major categories: Energy, Transportation, Waste Management and Recycling, and Workforce Development. Subsequent County policies and actions have been passed to address these major focus areas and goal from the JET Final Report.

On July 13, 2021, the Fairfax County Board of Supervisors adopted the Carbon Neutral Counties Declaration, providing a mechanism for Counties across the country to commit to operational emissions reductions. Fairfax County has pledged to be carbon neutral by 2040, with an interim goal of reducing the 2018 baseline carbon footprint 50% by 2030.

On July 13, 2021, the Fairfax County Board of Supervisors also adopted an update to the Fairfax County Operational Energy Strategy. The Energy Strategy is intended to advance the objectives of the Board's Environmental Vision through the setting of goals, targets, and actions across major focus areas. The updated Energy Strategy incorporates the carbon neutral goal in a new greenhouse gas emissions reductions focus area and includes accelerated and loftier targets across many of the other focus areas. The County Operational Energy Strategy is accessible online here:

<https://www.fairfaxcounty.gov/environment-energy-coordination/sites/environment-energy-coordination/files/assets/documents/fairfax-county-operational-energy-strategy-2021.pdf>

Of significant impact to the FCPA is the building energy efficiency requirement moving from LEED silver in the 2018 OES, to LEED Gold in September 2020, and potentially to Net Zero Energy in the 2021 OED update. The applicability of this change is being evaluated at this time.

Staff will present an update on these energy programs and related initiatives including impacts to the FCPA.

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STAFF:

Jai Cole, Executive Director

Sara Baldwin, Deputy Director/COO

Aimee L. Vosper, Deputy Director/CBD

Stephanie Leedom, Director, Planning and Development Division

Kurt Louis, Director, Park Operations Division

Cindy Walsh, Director, Park Services Division

Jessica Tadlock, Senior Fiscal Administrator, Business Administration Division

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FCPA Energy Plan Update

In July 2021 the Fairfax County Board of Supervisors adopted an update to the 2018 Operational Energy Strategy that increases several of the goals and target dates from the original strategy. To assist County agencies in meeting these and other OES goals, the Office of Energy and Environmental Coordination (OEEC) has implemented the following initiatives to improve energy efficiency and reduce the carbon footprint of County facilities:

- Projects funded in the Carryover Budget via the County Energy Program
- Projects funded via the Countywide Environmental Improvement Program (EIP)
- Rooftop and Canopy Mounted Solar Panel Installation via a County Power Purchase Agreement (PPA)
- Energy Efficiency Projects via a County agreement with an Energy Service Company (ESCO)
- Installation of Electric Vehicle (EV) Charging Stations

The Fairfax County Park Authority (FCPA) has benefitted greatly from a strong partnership with the OEEC. In the past two years FCPA has implemented over \$2.4 million in County-funded energy projects resulting in an overall energy use reduction of 10% to date. Staff will present an update on FCPA involvement in the programs listed above and forthcoming energy projects.

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