



Fleet Transition & Community EV Readiness Plan

Update

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Vehicle Electrification -- General Fleet and Community as a Whole

- The Operational Energy Strategy calls for electrification of County fleets for carbon reduction. Planning is underway by others for FCDOT's *Connector* bus fleet (and FCPS bus fleet).
- The fleet transition has been in progress for several years, and it now includes 224 hybrid- or all-electric vehicles. Product availability hampers our transition to EVs for several vehicle types, particularly public safety and heavy equipment vehicles.
- To accelerate progress, OEEC and Dept of Vehicle Services are working with a consultant on a **transition plan for the general fleet**. This work features coordination with user agencies, examination of alternatives, and will provide a framework for the fleet transition timeline, costs, and benefits.



Vehicle Electrification -- General Fleet and Community as a Whole, Cont.

- The Community-wide Energy and Climate Action Plan (CECAP) calls for widespread use of electric vehicles (EVs) in the private sector, aiming for 15% of light-duty vehicle registrations to be EVs by 2030.
- Availability of adequate vehicle charging infrastructure throughout the community is necessary to facilitate this goal, especially for equitable use and benefits of electric vehicles.
- OEEC is working with a consultant on a **Community EV Readiness Plan** to forecast growth in EVs in the community, identify gaps in charging infrastructure, and outline strategies to increase charging infrastructure where needed.
- This Readiness Plan builds upon prior regional EV planning work at MWCOG, with deeper attention to the needs of Fairfax County including stakeholder engagement.

Project Timeline for Fleet EV Transition and Community EV Readiness Plan

Month	Milestone	Fleet transition	Community Readiness Plan
November 2024	Project kickoff	●	●
December	Data analysis (on-going)	●	●
January 2025	Site visit(s)	●	
March	Stakeholder engagement	●	●
April	Draft report	●	
June	Stakeholder engagement	●	●
June	Draft report		●
July	Final report	●	●

Progress reports will be provided at future Environmental or Transportation Committee meetings