



CITY OF ALEXANDRIA

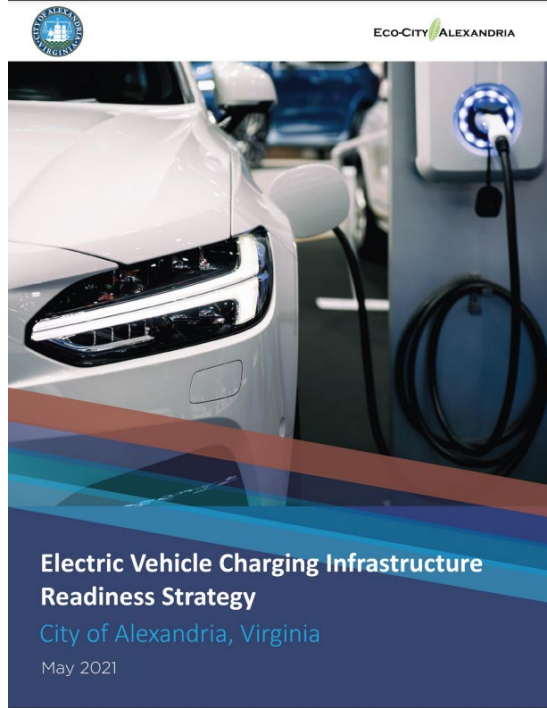
Curbside Electric Vehicle Charging

**City Council Public Hearing
February 21, 2026**

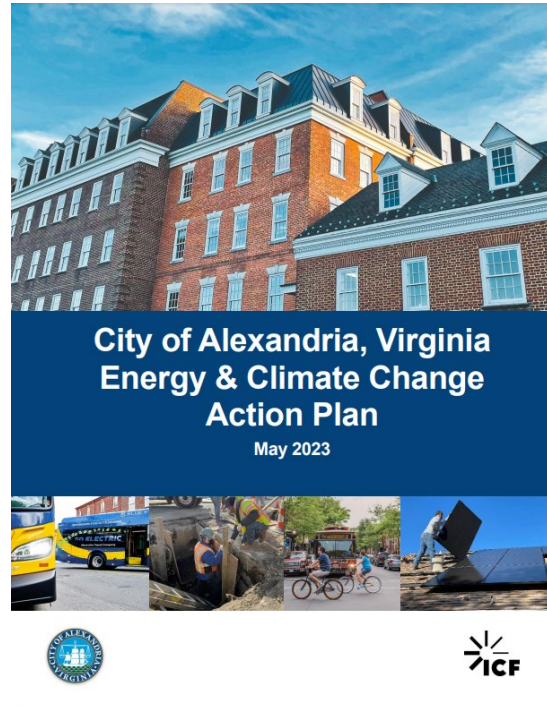




Background

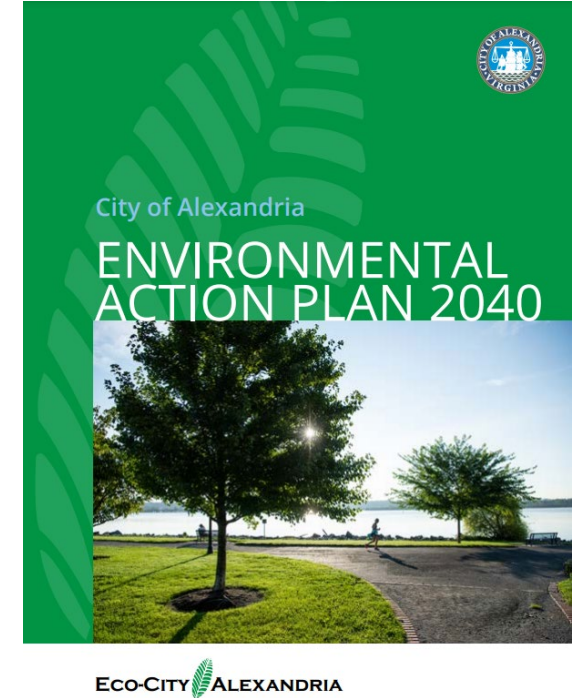


Roadmap for how to encourage EV adoption and meet the current and future community EV charging needs.



By 2030: 50% of car sales are electric

By 2050: 100% of car sales are electric



Reduce GHG emissions to at least 1-3 mtCO₂ per capita by FY2040; actions specify planning and implementation of public charging.



EV Charging in Alexandria



Plug In Alexandria

12 multi-family communities, with 6 actively requesting bids or have hired contractors to install **20+ chargers**



Public Charging Franchise

Active procurement in **evaluation and negotiation**



Fleet Electrification

50 charging ports installed, with the **Fleet Transition Plan** guiding future installations



Key Features

- ▶ Publicly accessible chargers
- ▶ Deployed at no cost to the City or property owners
- ▶ Minimalistic design
- ▶ 5-year license per charger
- ▶ EV Charging Only parking



Source: Autoweek



EV Charging Only Parking

- ▶ VA code will be adopted into City code
- ▶ Vendor can reserve one parking space per charging port
- ▶ Vehicle must have a charging cable plugged into it
- ▶ Space will be marked with signs, similar to ADA spaces
- ▶ \$25 fine (Maximum set by VA code)



Encroachment Process

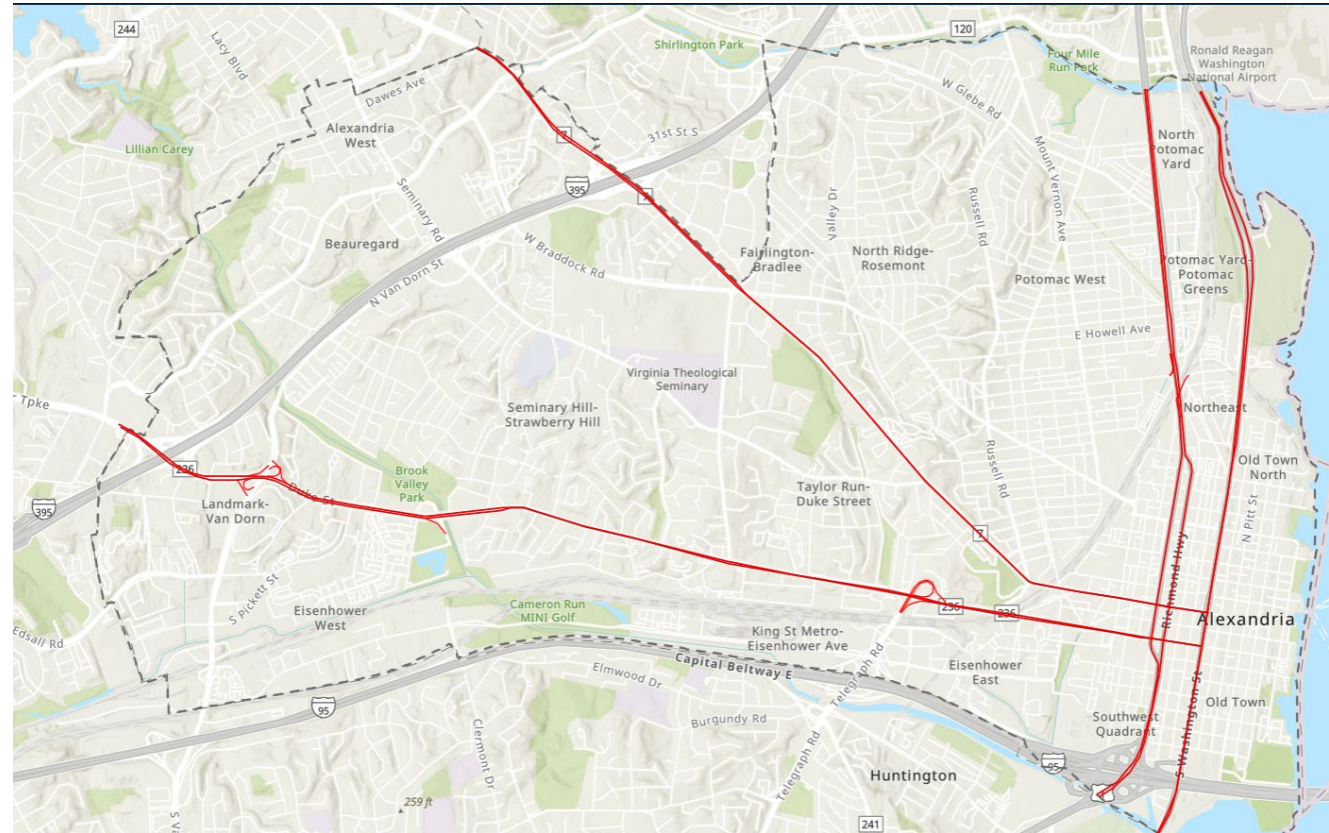
- ▶ Encroachment ordinance update to add EV chargers as an allowable encroachment
- ▶ Annual fees will be modeled after Public Parklet fee structure
 - ▶ \$1.50/ft² of occupied sidewalk
 - ▶ \$140 per EV Charging Only parking space



Siting Restrictions

Chargers cannot be installed on:

- ▶ Duke St.
- ▶ King St.
- ▶ Washington St.
- ▶ Patrick St.
- ▶ Henry St.
- ▶ Richmond Highway





Siting Restrictions

- ▶ Up to 2 charging ports per block by vendor
- ▶ Cannot be located within 0.25 mi of other curbside chargers
- ▶ Minimum of 4 and maximum of 20 charging ports per vendor
- ▶ Up to 60 total charging ports can be installed



1/4 mi radius



Proposed Program Timeline

**License Issue Period
(5-year licenses issued per
charger)**

**Evaluation and
Recommendation**

Possible EV Charger operating period for Licenses issued in Year 1

**License renewals, if program
continues**

Possible EV Charger operating period for Licenses issued in Year 2

**License renewals, if program
continues**

Year 1

Year 2

Year 3

Year 4

Year 5

Year 6

Year 7