# Dominion Energy Electric Transportation

Northern Virginia Transportation Authority April 13, 2023



#### **EV Market**

- Tipping point in EV sales...
  - National EV sales market share: 6%
  - Virginia EV sales market share: 8%
- Automakers are committing to more EV models...
  - Targeting up to 50% EV sales by 2030
  - Phasing out ICEV by 2035
- Federal policies provide EV incentives...
  - Infrastructure and vehicle tax incentives
  - Generational grant opportunities
- State policy will drive EV adoption...
  - More EV sales
  - ICEV phase out

Virginia EV Adoption and Forecasts

2022: 66,000 EVs 2030: 500k EVs 2050: 4.3M EVs



### **Dominion Energy's Role**

### **Our Priorities**

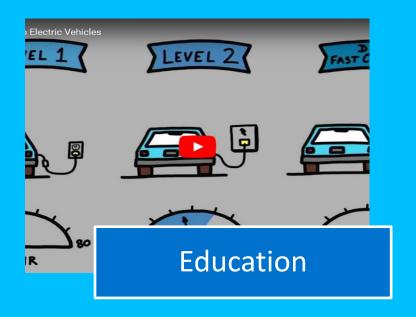
Ease of Adoption

Universal Access

Support Demand Growth

#### **Education, Outreach and Advocacy**

Personal, Commercial, and Fleets







#### **Customer EV Programs**

### Charging at Home

EV charging installation with onbill payment options

Incentives for offpeak charging

#### Why?

80% of charging happens at home

### Charging on the Go

Level 2 EV charging infrastructure program with incentives

Hosting capacity map and resources

#### Why?

consumer concern

### Charging your Fleet

Fleet advisory tools and services

Fleet EV charging infrastructure program with incentives

#### Why?

EVs cost less to fuel and maintain

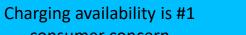
### Charging for Everyone

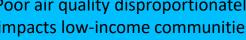
No cost EV charging for income qualifying and environmental justice communities

Fixed pricing tariffs for DEV-owned public charging

#### Why?

Poor air quality disproportionately impacts low-income communities







#### **Electric School Bus Initiative**

- 70+ buses delivered to school districts across VA
  - Partnering with state and federal Clean School Bus Rebate Awardees
  - Evaluating options to expand to NC and SC
- Over 500,000 emissions free miles driven; thousands in fuel savings for schools
- Successful vehicle-to-grid testing







DominionEnergy.com/ElectricSchoolBus



## Thank you!

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