

# METROPOLITAN WASHINGTON AIR QUALITY COMMITTEE

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## VW Settlement Appendix D Update

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# VW Settlement History

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- \$14.7 billion to settle allegations of cheating emissions
- Settlement divided into three distinct parts:
  - **\$10 billion** - Buy back or modify diesel vehicles from consumers
  - **\$2 billion** - ZEV infrastructure (Appendix C) driven by Electrify America
    - \$1.2 billion distributed across the US (except CA)
      - \$300 million increments over four 30-month cycle
      - DC Fast Charging (DCFC) deployment in 17 metro areas
    - Interstate corridors
    - Hubs, employers, multi-family
    - Target/Walmart



# District of Columbia Mitigation Activities

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- **\$2.9 billion** – Environmental mitigation trust (Appendix D)
  - States, tribes, Puerto Rico, and DC allocated a portion of the trust to develop a “beneficiary mitigation plan”
  - **District Department of Energy and Environment - \$8.125 million across 4 funding streams**
    - \$2.3 million - Locomotive Switcher Engine Replacement
      - Grant to COG for the Amtrak Switcher replacement project to repower 1 switcher
    - \$5.03 million - District Electrification and Low-NOX (DEAL) Program
      - Electric buses and infrastructure
      - Availability – Summer 2019

# Maryland Mitigation Activities

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- 1 Applicant - DDOT for electrification of DC Circulator
- Currently no plans to reopen funding
- \$89,000 - Rebates for Tailpipe Pollution Reduction Retrofits
  - Currently under planning stage
  - Rebates for Tailpipe Pollution Reduction Retrofits
  - Exhaust Control Retrofit Technologies
- \$705,000 - Project administration
- **MD Department of the Environment - \$75 million across multiple funding streams**
  - **\$11.3 million - EV Charging Infrastructure Deployment**
    - Approximately 2,000 stations planned to help meet state goal of 60,000



# Maryland Mitigation Activities

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- Deployment areas: workplace charging, state office buildings (including MDOT facilities), multi-use dwellings, charging hubs, and alternative fuel corridor
- MDE working with MEA to develop framework; expect to open for project submittals by early summer 2020
- **\$9.1 million – Maryland Aviation Administration Bus Replacement**
  - Funding area: State Agency Projects category
  - Replace 8 (5 40-foot buses and 3 60-foot buses) of 49 diesel buses with electric buses
  - Current fleet: 74 40-foot transit buses (CNG and diesel-powered)



# Maryland Mitigation Activities

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- Covers 100% of the replacement cost and inductive charging infrastructure
- **\$5,525,000 million – Transit Bus Replacement\***
  - Technologies: all electric and other alternative fuels
  - Covers incremental costs only
- **\$4,600,000 million - School Bus Replacement\***
  - Technologies: electric and propane
  - \$600,000 set aside for electric school bus pilot program
  - \$2.1 million in funds remaining



# Maryland Mitigation Activities

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- Current awards: Howard, Montgomery, Prince George's and Frederick counties
  - Funded 6 electric and 22 propane school buses
- MDE expects to reopen program for new proposals Spring 2020
- \*Eligible School, Transit and Shuttle Buses:
  - 2009 engine MY or older class 4-8
  - Eligibility also includes 2010-2012 engine MY for fleets with existing state regulations requiring upgrades to 1992-2009 engine MY



# Virginia Mitigation Activities

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- VA Department of Environmental Quality - \$93 million across 5 funding streams
  - Roughly \$53 million allocated to date
  - **\$14 million – All Electric Transit Buses**
    - New Clean Transportation Voucher Program implemented through VA Department of Rail and Public Transportation (DRPT) [Making Efficient and Responsible Investments in Transit \(MERIT\)](#) program
      - VW public transit electrification projects funded under MERIT's Capital Assistance grant program
    - FY20 funding - \$9 million awarded to Alexandria, Blacksburg and Hampton Roads





# Virginia Mitigation Activities

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- 2 supplemental program funding sources: \$3.5 million (statewide transit funds) and \$6.5 million (federal and local funds)
  - Alexandria - \$5.1 million (total) for 6 electric buses (of 14 planned bus purchases) and 6 dual dispensing fast chargers
    - Cost share: statewide transit capital and mitigation funds
    - Replacing old diesels with 3 Proterra and 3 New Flyer (ABB chargers) buses
      - Chargers - July 2020 projected arrival
      - Buses - August 2020 projected arrival



# Virginia Mitigation Activities

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- FY21 funding - \$5 million (balance of electric bus funds)
  - Funding Schedule
    - December 1, 2019: The FY21 grant application period opens
    - February 3, 2020: Applications due for all statewide and federal grant programs
    - February-April 2020: DRPT begins application evaluation
    - April 2020: Applications due for FTA Section 5303 funds
    - April-May 2020: DRPT completes application evaluation

# Virginia Mitigation Activities

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- Application for funding
  - [VW Public Transit Electrification Project Funding Application](#)
  - [VW Public Transit Electrification Project Supplemental Fleet Data Spreadsheet](#)
  - [Additional Capital Assistance Application Resources](#)
- **\$14 million – Statewide Public EV Charging Network by Evgo**
  - 3 1-year investment cycles
  - DCFC priority: 370% projected increase
  - Level 2: 30% projected increase



# Virginia Mitigation Activities

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- Current site openings:
  - Ashburn Restaurant Park - (2) 50 kW DCFC
  - Pike 7 - (4) 150 kW DCFC
  - Annandale - (2) 50 kW DCFC
  - Pan Am - (2) 50 kW DCFC
- Additional planned for Cycle 1:
  - 14 with current status of permitted, construction started, or construction completed
  - (5) Level 2 chargers
- Cycle 2 estimated start: spring/summer 2020; 44 sites
- Cycle 3 estimated start: spring/summer 2021; 29 sites



# Virginia Mitigation Activities

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- **\$20 million – Electric Clean School Bus Program**
  - Small set aside used for propane school buses
  - April 2020 – funding availability
  - Competitive application process administered in partnership with VA Department of Education
- **\$40 million – TBD**
- **\$4.68 million – Administrative costs**



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