

METROPOLITAN WASHINGTON AIR QUALITY COMMITTEE

VW Settlement Appendix D Update

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VW Settlement History

- \$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

- **\$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

- 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

- 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

- 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

- 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

- 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

- 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

- 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

- 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

- 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

- **\$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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