



North Carolina Phase 1 Volkswagen Settlement Program

March 2021

Brian Phillips, NC Division of Air Quality

Department of Environmental Quality

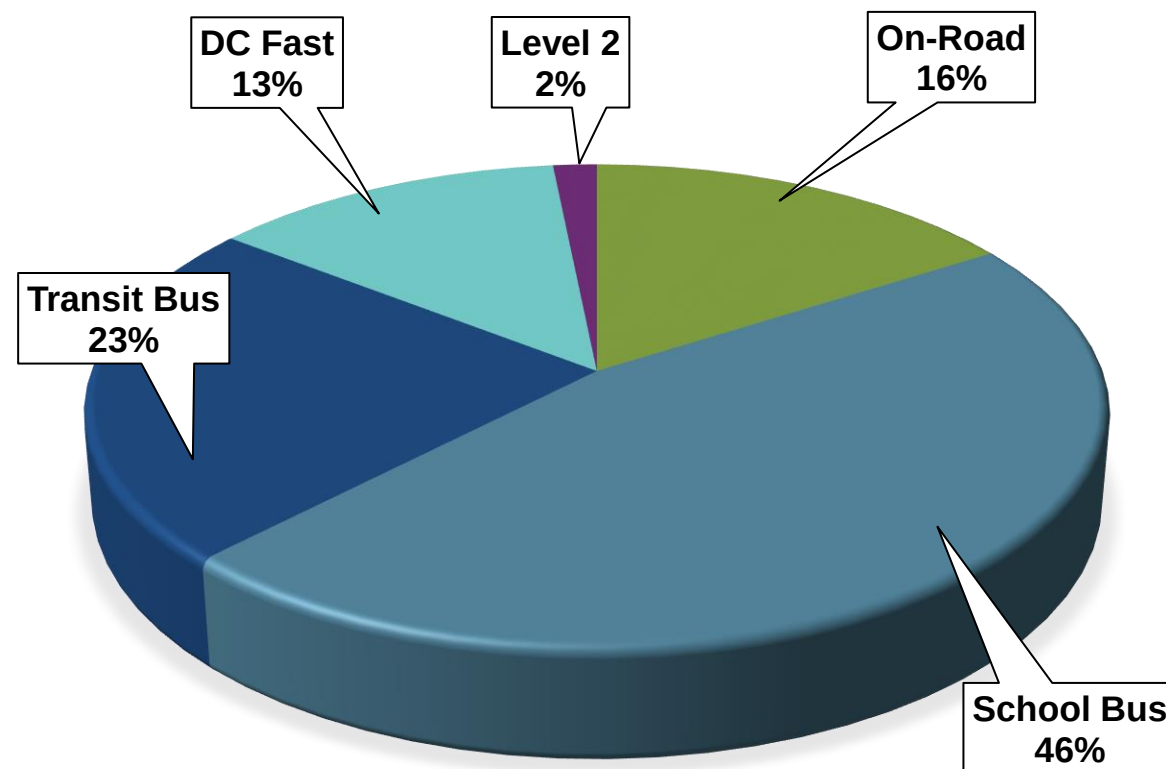


NC VW Phase 1 Awards

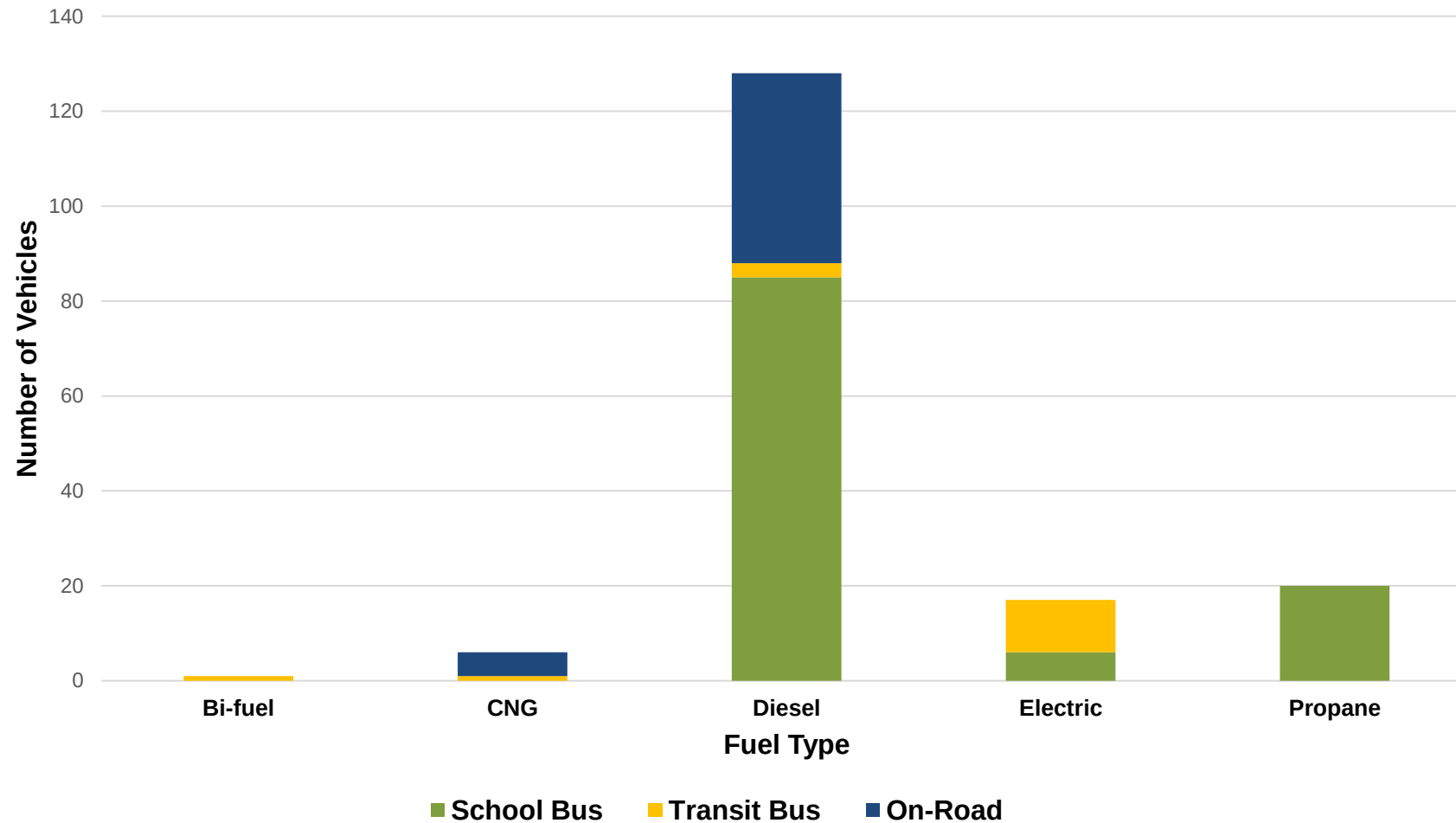
Program	Number of Vehicles/Stations Funded	Program Total Awarded
School Bus	111	\$12,289,900
Transit Bus	16	\$6,136,377
On-Road	45	\$4,240,409
DC Fast Infrastructure	31 sites – 44 ports	\$3,434,974
Level 2 Infrastructure*	30 sites – 96 ports	\$422,000
Total	174 vehicles and 63 stations	\$26,523,660

*Level 2 Phase 1 projects awarded as of March 15, 2021.

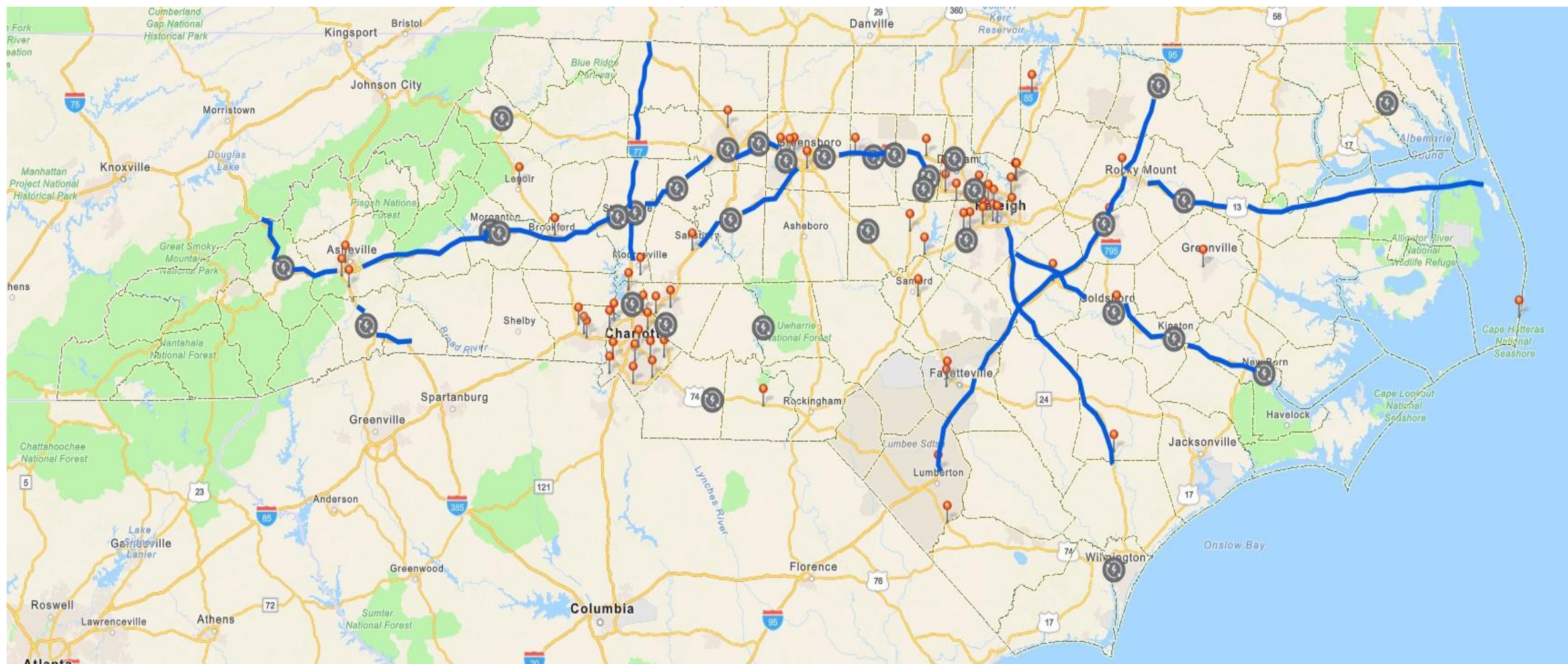
Percent Awarded



Awarded Vehicle Fuel Type Distribution



NC DC Fast Charging Network



VW Phase 1 selected DC Fast projects



Existing DC Fast Infrastructure



Phase 1 priority corridors

North Carolina EV Initiatives

- **October 29, 2018, Governor Roy Cooper signs Executive Order 80. The State of NC will strive to accomplish by 2025:**
 - **Reduce statewide greenhouse gas emissions to 40% below 2005 levels;**
 - **Increase ZEVs registered to at least 80,000; and**
 - **Reduce energy consumption in state-owned buildings by at least 40% to below 2002- 2003 fiscal year levels.**



Program Difficulties

- Hiring staff to process agreements and contracts for awarded projects
- Getting contracts in place with awardees
- Training applicants on how to use new grants management system
- Getting external users registered in our grants management system prior to Level 2 Rebate program application opening
- Concerns regarding staff project site visits during pandemic



Lessons Learned

- **Require minimum mileage for project vehicles**
- **Create individual RFPs for programs**
- **Coordinate with other agencies and organizations to leverage more funds to increase available funds**
 - **CMAQ funds**
 - **Green Bank, etc.**
- **Consider mirroring EPA DERA cost share requirements**



Phase 2

- Department in early planning stages for Phase 2
- Increase our focus to underserved areas of the state
- Create incentives for increased transition to electric vehicles
- Create incentives to close gaps in DC Fast charging network along major state corridors



Thank You!

Brian Phillips, EIT, CPM
Mobile Sources Compliance Branch Supervisor
Division of Air Quality
919-707-8426
Brian.Phillips@ncdenr.gov

<https://deq.nc.gov/VWsettlement>

or

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...and click on Volkswagen Settlement

Department of Environmental Quality



Questions

