U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

2023 Transportation Technology Deployment Report:

Virginia Clean Cities

Expanded Edition

March 2024

Clean Cities and Communities

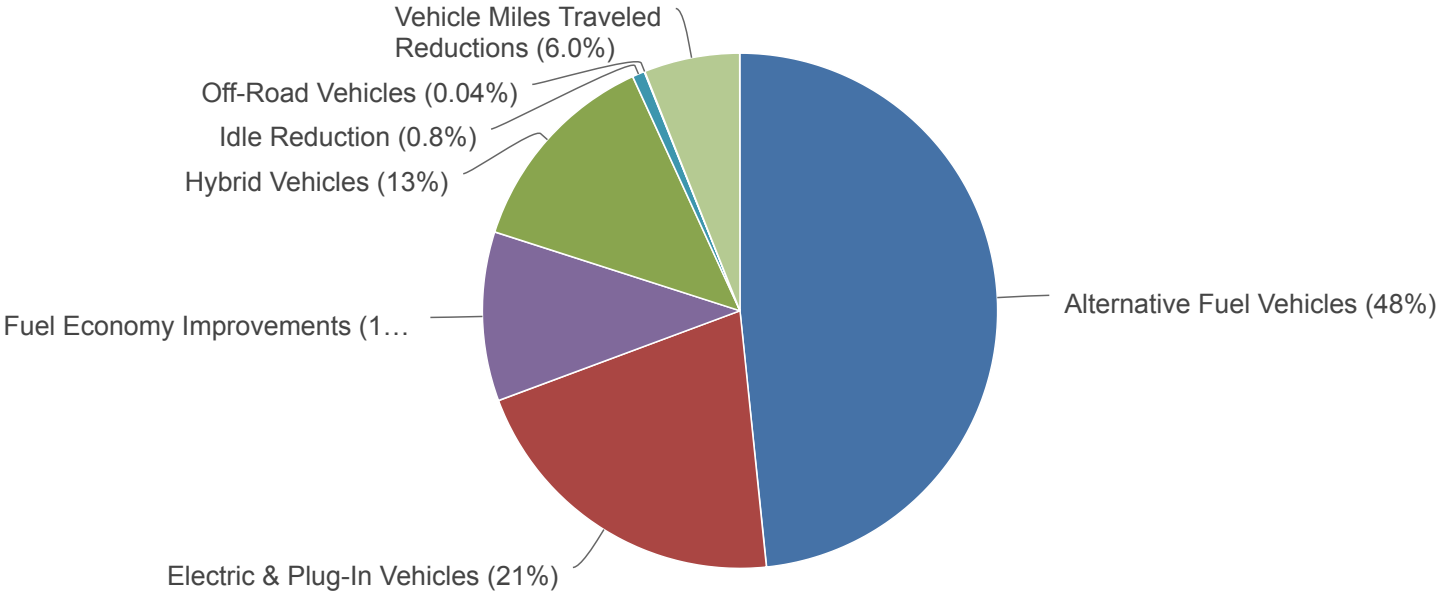
The U.S. Department of Energy's (DOE) Clean Cities and Communities fosters the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices. A national network of more than 75 active coalitions serve as the foundation of Clean Cities and Communities by working in communities across the country to implement alternative fuels, fuel-saving technologies and practices, and new mobility choices.

Every year, each Clean Cities and Communities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition directors, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory (NREL). The data characterize membership, funding, projects, and activities of the coalitions. The coalition directors also submit data on the sales of alternative fuels, deployment of alternative fuel vehicles, idle-reduction initiatives, fuel economy activities, and efforts to reduce vehicle miles traveled. NREL and DOE analyze the data and translate them into energy use impact, greenhouse gas reduction, and other metrics to show progress supporting the Clean Cities and Communities mission for individual coalitions and the network as a whole. This report summarizes those impacts for Virginia Clean Cities.

To view aggregated data for all local coalitions in the network, visit cleancities.energy.gov/accomplishments.

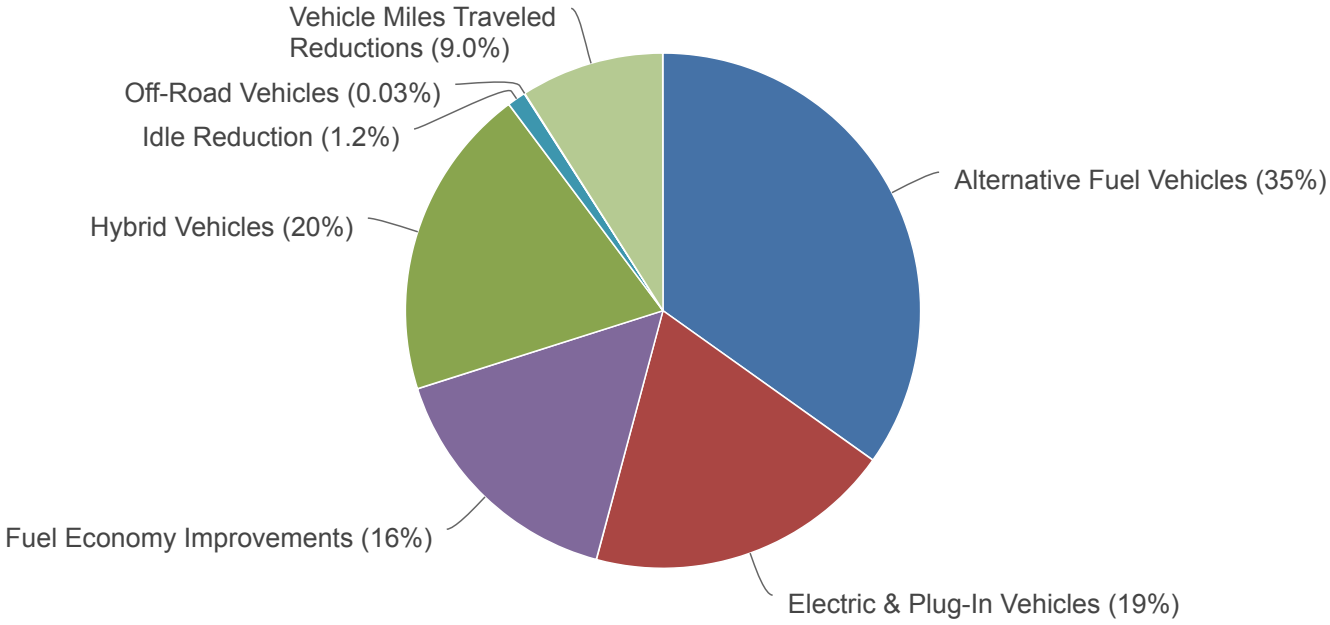
2023 Gallons of Gasoline Equivalent Reduced

37,923,408 gallons

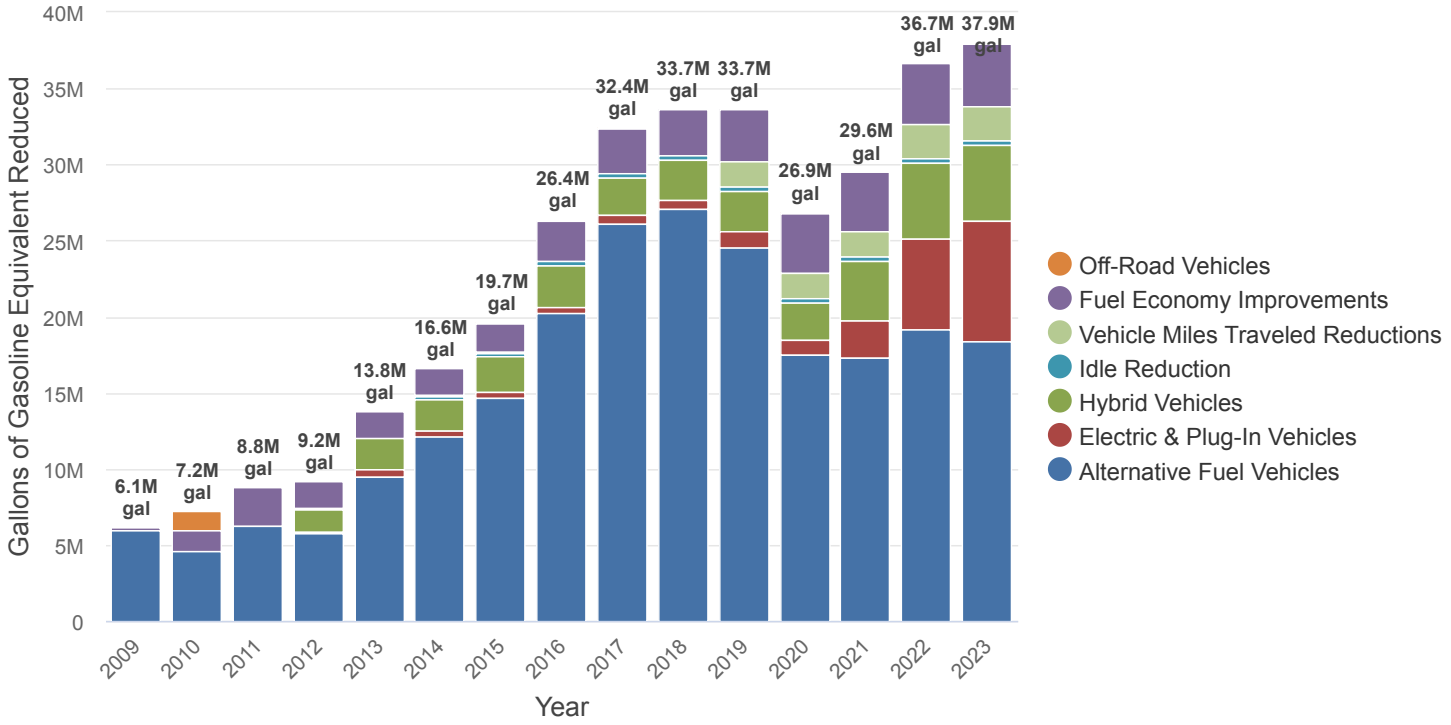


2023 Greenhouse Gas Emissions Reduced

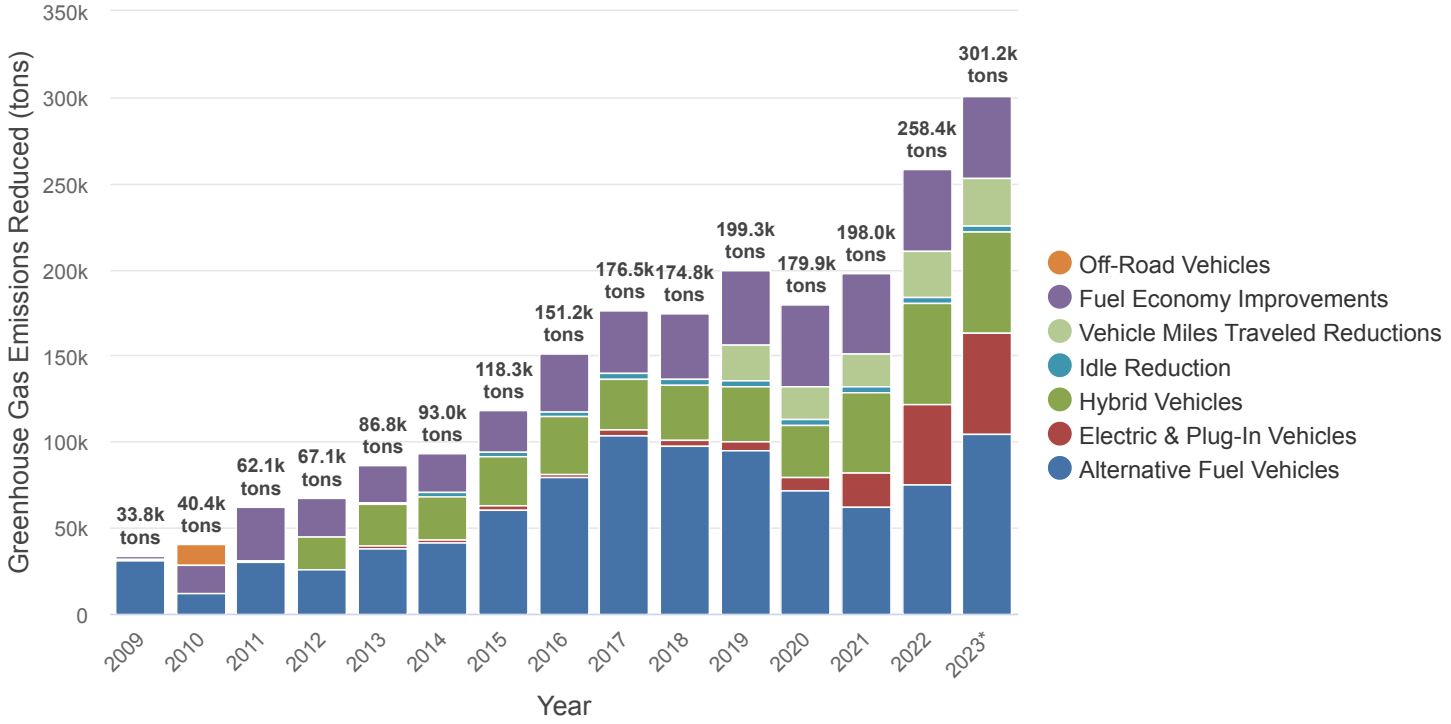
301,235 tons



Historical Gallons of Gasoline Equivalent Reduced



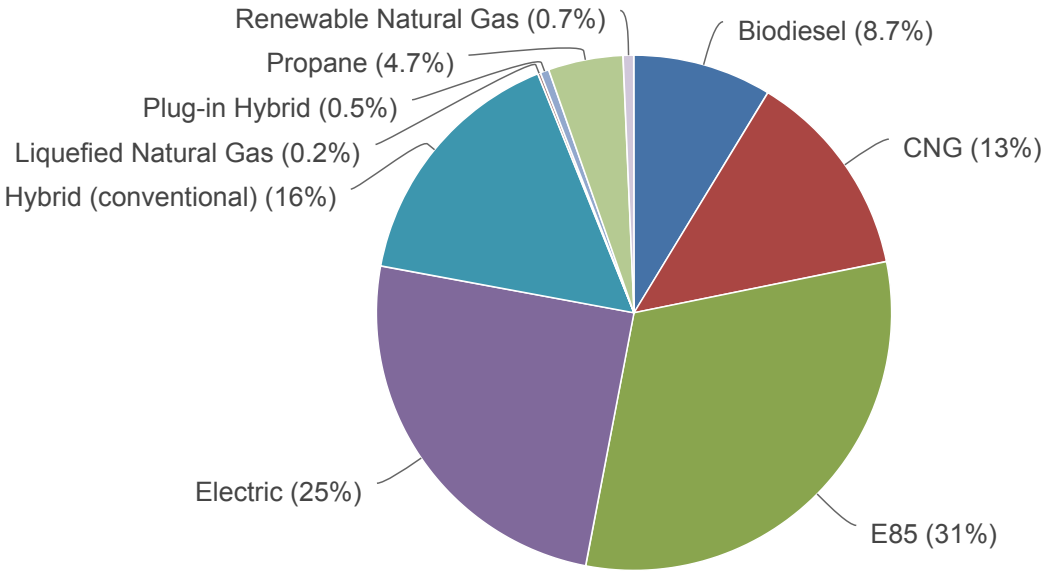
Historical Greenhouse Gas Emissions Reduced



* GHGs displaced from CNG and LNG projects increased in 2023 because Clean Cities and Communities began accounting for the RNG sold into the vehicle fuel market through trading mechanisms set up through the Renewable Fuel Standard and the California Low Carbon Fuel Standard. Please see the Clean Cities and Communities Coalitions 2023 Annual Activity Report for details as to how and why this was allocated.

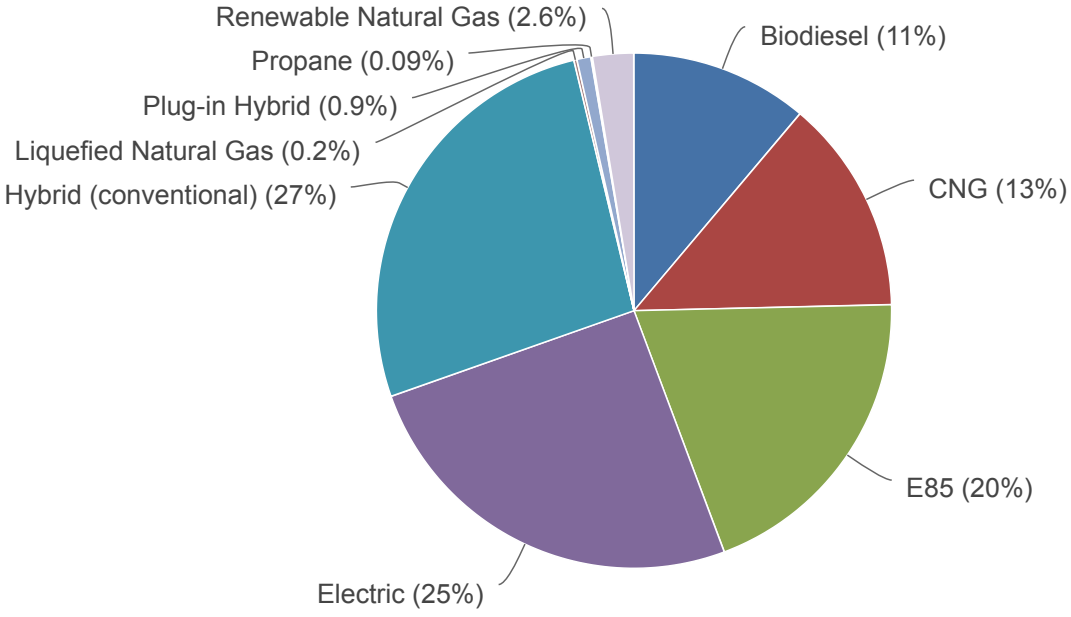
2023 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

31,324,065 gallons



2023 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

222,589 tons



Criteria Pollutant Emissions Reduced

Criteria pollutants are chemicals that have been linked to human health effects and therefore regulated in the Clean Air Act of 1970. Criteria pollutants include nitrogen oxides (NOx) and volatile organic compounds (VOC), both precursors to ozone pollution or smog. They also include particulate matter (PM) grouped into 10 and 2.5 micron sizes. The Clean Cities and Communities annual report calculates them using the same assumptions and default values as AFLEET 2016, with some adjustments to fit specific data inputs. They are quantified at vehicle tailpipes, as those are the emissions contributing to the regulated "ambient" air quality of a given city. Upstream emissions from electric power plants, refineries, and biofuel feedstock farms are not included in this summary since those operations typically do not take place in or near population centers where the vehicles are operated and health effects can be documented. When a specific pollutant surpasses a given threshold for a given area, the area is considered to be in “nonattainment” for that pollutant. Nonattainment areas for given pollutants can be viewed at www.epa.gov/green-book. To learn more about what your emissions numbers mean, please take the Understanding Emissions or Emissions Compliance courses at Clean Cities and Communities eLearning.

Reductions by Technology	CO	NOx	VOC*	PM10	PM2.5
Alternative Fuel Vehicles - Biodiesel	-98,530 lb	-1,884 lb	10,721 lb	84 lb	79 lb
Alternative Fuel Vehicles - CNG	266,166 lb	5,636 lb	25,068 lb	446 lb	-38 lb
Alternative Fuel Vehicles - E85	25,563 lb	477 lb	10,987 lb	-37 lb	-24 lb
Alternative Fuel Vehicles - LNG	3,857 lb	82 lb	329 lb	6 lb	-1 lb
Alternative Fuel Vehicles - Propane	59,480 lb	1,137 lb	9,707 lb	-51 lb	-48 lb
Alternative Fuel Vehicles - Renewable Natural Gas	14,522 lb	308 lb	1,247 lb	24 lb	-2 lb
Electric, Hybrid & Plug-in Vehicles - Electric	1,253,428 lb	37,511 lb	102,408 lb	8,229 lb	1,460 lb
Electric, Hybrid & Plug-in Vehicles - HEV	888,185 lb	26,022 lb	63,203 lb	10,352 lb	2,186 lb
Electric, Hybrid & Plug-in Vehicles - PHEV	26,943 lb	810 lb	2,260 lb	329 lb	70 lb
Fuel Economy Improvements	989,411 lb	27,267 lb	41,566 lb	9,417 lb	1,884 lb
Idle Reduction	782 lb	22 lb	33 lb	7 lb	1 lb
Off-Road Vehicles	3,673 lb	101 lb	174 lb	18 lb	3 lb
Truck Stop Electrification	71,223 lb	1,963 lb	2,992 lb	678 lb	136 lb
Vehicle Miles Traveled Reductions	504,830 lb	14,164 lb	25,427 lb	5,114 lb	1,042 lb
Total:	**4,009,532 lb**	**113,615 lb**	**296,122 lb**	**34,617 lb**	**6,749 lb**

* VOC is interchangeable with NMOG (non-methane organic gases) and NMHC (non-methane hydrocarbons) for all purposes relevant to the Clean Cities and Communities suite of technologies.

COALITION

Virginia Clean Cities - VA

http://www.vacleancities.org

Designated: 10/04/1996
Boundaries: Entire state of Virginia except DC COG

DIRECTORS

	Address	Telephone	Fax
Alleyn Harned	c/o James Madison University 1401 Technology Dr, MSC 4115 Harrisonburg, VA 22807	540-568-8896	540-568-5181
Matthew Wade		540-568-4051	

Number of coalition directors	2
Coalition director(s) hours per week on Clean Cities	40 hours
Other staff hours per week on Clean Cities	80 hours
How long have you been the coalition director?	14 years

OPERATING INFORMATION

Coalition organizational structure	Hosted in a university
Does the coalition have a non-profit governing board?	Yes
Does the coalition have a non-governing advisory committee?	No

Stakeholders

Number of stakeholders	50
Number of private stakeholders	30
Stakeholder counting notes	
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes

Explain State Energy Office's support

State Energy office constant engagement, shared events, and omnibus transportation program now in 17th year.

How do you obtain most of your data for the survey?	Coalition records, Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov?	Yes

2023 Outside Funding

Stakeholder dues collected	$60,000
How much funding is obtained from other sources to cover coalition operating expenses?	$1,000,000
Non-DOE or ARRA grant and matching funds spent in 2023	$1,000,000
Total non-DOE or ARRA funding in 2023	**$2,060,000**

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Albemarle County	Heavy-Duty	Biodiesel (20%)	13	100% of time	12,225 gal	95.9 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Albemarle County	Light-Duty	E85	6	100% of time	14,591 gal	66.5 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Alsop Trucking	Heavy-Duty	Biodiesel (20%)	15	100% of time	34,366 gal	269.6 tons
Miles traveled per vehicle: 63,428 mi **Average vehicle fuel economy:** 6 MPG **Market:** General/Unknown **Vehicle type:** Truck: Semi-trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Appalachian Natural Gas Distribution	Heavy-Duty	CNG	2	100% of time	7,502 gal	54.7 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Appalachian Natural Gas Distribution	Light-Duty	CNG	9	100% of time	4,051 gal	31.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Augusta County	Heavy-Duty	Biodiesel (20%)	4	100% of time	3,762 gal	29.5 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Augusta County	Light-Duty	Propane	8	100% of time	2,870 gal	4.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Bioride	Light-Duty	Biodiesel (20%)	7	100% of time	765 gal	12.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Blue Ridge Parkway	Light-Duty	E85	24	100% of time	8,496 gal	38.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** National Parks **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Blue Ridge Parkway	Light-Duty	Propane	4	100% of time	1,435 gal	2.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** National Parks **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Charlottesville Municipality	Heavy-Duty	Biodiesel (20%)	50	100% of time	47,021 gal	368.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Charlottesville Municipality	Heavy-Duty	CNG	2	100% of time	201 gal	1.5 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Charlottesville Municipality	Light-Duty	Biodiesel (20%)	15	100% of time	1,640 gal	27.1 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Charlottesville Municipality	Light-Duty	CNG	5	100% of time	2,250 gal	17.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Charlottesville Municipality	Light-Duty	E85	7	100% of time	2,478 gal	11.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Chesterfield County	Light-Duty	Biodiesel (20%)	31	100% of time	3,436 gal	56.8 tons
Miles traveled per vehicle: 10,748 mi **Average vehicle fuel economy:** 25 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Chesterfield County	Heavy-Duty	Propane	56	100% of time	155,923 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Chesterfield County	Light-Duty	E85	846	100% of time	299,482 gal	1,364.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Chesterfield County	Light-Duty	Propane	27	100% of time	9,685 gal	14.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Chesapeake	Heavy-Duty	E85	30	100% of time	234,290 gal	572.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 2 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Chesapeake	Heavy-Duty	Propane	4	100% of time	27,133 gal	N/A
Miles traveled per vehicle: 63,428 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Truck: Semi-trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
City of Chesapeake	Heavy-Duty	Renewable Natural Gas	56	100% of time	210,047 gal	5,744.2 tons
Renewable natural gas source: Animal waste **Renewable natural gas location:** On-site **Miles traveled per vehicle:** 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Went fully renewable						
City of Chesapeake	Light-Duty	E85	378	100% of time	3,542,472 gal	16,137.8 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 2 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Chesapeake	Light-Duty	Propane	27	100% of time	134,163 gal	205.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 4 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Chesapeake	Light-Duty	Renewable Natural Gas	2	100% of time	914 gal	23.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Renewable natural gas source: Animal waste **Renewable natural gas location:** On-site **Miles traveled per vehicle:** 11,599 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Fully renewable*						
City of Lynchburg	Heavy-Duty	Biodiesel (20%)	120	100% of time	112,850 gal	885.2 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Newport News	Heavy-Duty	Biodiesel (20%)	253	100% of time	237,926 gal	1,866.3 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Newport News	Heavy-Duty	Propane	175	100% of time	487,260 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
City of Newport News	Light-Duty	Biodiesel (20%)	285	100% of time	31,154 gal	515.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Newport News	Light-Duty	E85	315	100% of time	111,509 gal	508.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Newport News	Light-Duty	Propane	28	100% of time	10,044 gal	15.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Norfolk	Light-Duty	CNG	6	100% of time	2,700 gal	20.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Norfolk	Light-Duty	E85	153	100% of time	54,162 gal	246.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Norfolk	Light-Duty	Propane	21	100% of time	7,533 gal	11.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Petersburg	Light-Duty	Propane	21	100% of time	5,632 gal	8.6 tons
Miles traveled per vehicle: 15,160 mi **Average vehicle fuel economy:** 11 MPGge **Market:** Government - Local **Vehicle type:** Patrol Car **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Richmond	Heavy-Duty	CNG	30	100% of time	112,525 gal	819.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Richmond	Light-Duty	CNG	76	100% of time	34,205 gal	262.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Roanoke	Heavy-Duty	Propane	3	100% of time	8,353 gal	N/A

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
City of Roanoke	Heavy-Duty	Biodiesel (20%)	181	100% of time	407,775 gal	3,198.7 tons
Miles traveled per vehicle: 63,428 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Truck: Semi-trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Roanoke	Light-Duty	Biodiesel (20%)	181	100% of time	308,589 gal	5,101.0 tons
Miles traveled per vehicle: 40,000 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Roanoke	Light-Duty	Propane	20	100% of time	7,174 gal	11.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Staunton	Heavy-Duty	E85	8	100% of time	24,110 gal	58.9 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 4 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Staunton	Light-Duty	E85	65	100% of time	23,010 gal	104.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Virginia Beach	Heavy-Duty	Propane	40	100% of time	111,374 gal	N/A

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
City of Virginia Beach	Light-Duty	CNG	2	100% of time	900 gal	6.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Virginia Beach	Light-Duty	E85	382	100% of time	135,227 gal	616.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Clark Gas & Oil	Heavy-Duty	CNG	6	100% of time	22,505 gal	164.0 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Colonial Williamsburg	Heavy-Duty	CNG	16	100% of time	60,014 gal	437.2 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Colonial Williamsburg	Light-Duty	CNG	4	100% of time	1,800 gal	13.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Danville Transit	Heavy-Duty	Propane	10	100% of time	27,843 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Department of State Police	Light-Duty	E85	429	100% of time	151,865 gal	691.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Dominion Energy	Heavy-Duty	Biodiesel (10%)	964	100% of time	48,664 gal	381.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Dominion Energy	Heavy-Duty	E85	12	100% of time	24,318 gal	59.4 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Dominion Energy	Light-Duty	Biodiesel (10%)	26	100% of time	1,575 gal	42.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Dominion Energy	Light-Duty	E85	1,040	100% of time	2,529,042 gal	11,521.1 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
First Piedmont Corporation	Heavy-Duty	CNG	10	100% of time	37,508 gal	273.3 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Frederick County	Light-Duty	Propane	11	100% of time	3,946 gal	6.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Frito-Lay	Heavy-Duty	CNG	18	100% of time	67,515 gal	491.9 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Corporate Fleet **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** Yes **Energy Efficient Mobility Systems Partnership:** No						
George Washington Birthplace National Monument	Light-Duty	Propane	3	100% of time	1,076 gal	1.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** National Parks **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Gloucester County Public Schools	Heavy-Duty	Biodiesel (20%)	113	100% of time	106,267 gal	833.6 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Gloucester County Public Schools	Light-Duty	Biodiesel (20%)	4	100% of time	437 gal	7.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Greater Richmond Transit Company	Heavy-Duty	Biodiesel (20%)	61	100% of time	57,366 gal	450.0 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Greater Richmond Transit Company	Heavy-Duty	CNG	96	100% of time	360,081 gal	2,623.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Greater Richmond Transit Company	Light-Duty	Biodiesel (20%)	4	100% of time	437 gal	7.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Halifax County Public Schools	Heavy-Duty	Biodiesel (20%)	2	100% of time	1,881 gal	14.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Halifax County Public Schools	Heavy-Duty	Propane	28	100% of time	77,962 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
James City County - Municipal	Heavy-Duty	Biodiesel (20%)	25	100% of time	23,511 gal	184.4 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
James City County - Municipal	Light-Duty	E85	34	100% of time	12,036 gal	54.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
James City County - Municipal	Light-Duty	Propane	12	100% of time	4,305 gal	6.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
James Madison University	Heavy-Duty	E85	2	100% of time	6,027 gal	14.7 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 4 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
James Madison University	Light-Duty	E85	83	100% of time	23,924 gal	109.0 tons
Miles traveled per vehicle: 11,507 mi **Average vehicle fuel economy:** 22 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
James Madison University	Light-Duty	Propane	14	100% of time	5,022 gal	7.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
James River Petroleum	Heavy-Duty	Biodiesel (20%)	13	100% of time	12,225 gal	95.9 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
J Sergeant Reynolds Community College	Light-Duty	E85	3	100% of time	1,062 gal	4.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
King & @ Queen County Schools	Heavy-Duty	Biodiesel (20%)	33	100% of time	31,034 gal	243.4 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Liberty University	Light-Duty	E85	60	100% of time	21,240 gal	96.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Norfolk Botanical Gardens	Heavy-Duty	Biodiesel (20%)	2	100% of time	1,881 gal	14.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Norfolk Public Schools	Heavy-Duty	Propane	4	100% of time	598 gal	N/A
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGde **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Norfolk Public Schools	Light-Duty	CNG	3	100% of time	1,350 gal	10.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Norfolk Public Schools	Light-Duty	E85	15	100% of time	5,310 gal	24.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Norfolk Public Schools	Light-Duty	Propane	5	100% of time	1,794 gal	2.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Northumberland County Public Schools	Heavy-Duty	Biodiesel (20%)	33	100% of time	31,034 gal	243.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Old Dominion University	Heavy-Duty	Biodiesel (20%)	5	100% of time	4,702 gal	36.9 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Old Dominion University	Heavy-Duty	E85	20	100% of time	4,351 gal	10.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Old Dominion University	Light-Duty	CNG	3	100% of time	1,350 gal	10.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Old Dominion University	Light-Duty	E85	20	100% of time	7,080 gal	32.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Philips Oil & Gas	Heavy-Duty	Propane	5	100% of time	13,922 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Philips Oil & Gas	Light-Duty	E85	1	100% of time	354 gal	1.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Philips Oil & Gas	Light-Duty	Propane	1	100% of time	359 gal	0.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Philips Oil & Gas	Light-Duty	Propane	5	100% of time	1,794 gal	2.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Prince William County	Light-Duty	E85	500	100% of time	89,775 gal	409.0 tons
Miles traveled per vehicle: 11,599 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Prince William County	Light-Duty	Propane	1	100% of time	98 gal	0.2 tons
Miles traveled per vehicle: 11,520 mi **Average vehicle fuel economy:** 22 MPGge **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Range Resources	Light-Duty	CNG	162	100% of time	72,910 gal	558.5 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Reco Biodiesel	Heavy-Duty	Biodiesel (20%)	7	100% of time	6,583 gal	51.6 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Reco Biodiesel	Light-Duty	Biodiesel (20%)	1	100% of time	109 gal	1.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Revere Gas	Heavy-Duty	Propane	3	100% of time	8,353 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Revere Gas	Light-Duty	Propane	4	100% of time	1,435 gal	2.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Richmond Gas Works	Heavy-Duty	CNG	34	100% of time	127,529 gal	929.1 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Richmond Gas Works	Light-Duty	CNG	108	100% of time	48,607 gal	372.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Roanoke County Public Schools	Heavy-Duty	Biodiesel (20%)	137	100% of time	128,838 gal	1,010.6 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Roanoke County Public Schools	Heavy-Duty	Propane	23	100% of time	7,591 gal	N/A
Miles traveled per vehicle: 11,507 mi **Average vehicle fuel economy:** 22 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Schwan's - Medium-duty Propane	Light-Duty	Propane	25	140,696 gal	26,633 gal	40.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: Corporate Fleet **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 25% **National Clean Fleets Partnership:** Yes **Energy Efficient Mobility Systems Partnership:** No						
Shenandoah National Park	Heavy-Duty	Biodiesel (20%)	81	100% of time	76,174 gal	597.5 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** National Parks **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Shenandoah National Park	Heavy-Duty	Propane	7	100% of time	19,490 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** National Parks **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Shenandoah National Park	Light-Duty	Propane	18	100% of time	6,457 gal	9.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** National Parks **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Spotsylvania County	Heavy-Duty	E85	8	100% of time	24,110 gal	58.9 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 4 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Spotsylvania County	Heavy-Duty	Propane	32	100% of time	89,099 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Spotsylvania County	Light-Duty	E85	98	100% of time	34,692 gal	158.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Considering expanding E85 station resources*						
Spotsylvania County	Light-Duty	Propane	47	100% of time	16,859 gal	25.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
State Farm Insurance	Light-Duty	E85	267	100% of time	94,517 gal	430.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
St. Catherine's School	Heavy-Duty	CNG	6	100% of time	22,505 gal	164.0 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
St. Catherine's School	Heavy-Duty	E85	1	100% of time	3,014 gal	7.4 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 4 MPG **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
St. Catherine's School	Light-Duty	CNG	5	100% of time	2,250 gal	17.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
St. Catherine's School	Light-Duty	E85	1	100% of time	354 gal	1.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
SuperValu Mechanicsville Center	Heavy-Duty	CNG	25	100% of time	93,771 gal	683.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
University of Virginia - Facilities	Heavy-Duty	Biodiesel (20%)	30	100% of time	28,213 gal	221.3 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
University of Virginia - Facilities	Light-Duty	Biodiesel (20%)	20	100% of time	2,186 gal	36.1 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
University of Virginia - Transportation	Heavy-Duty	Biodiesel (20%)	34	100% of time	31,974 gal	250.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
University of Virginia - Transportation	Light-Duty	CNG	7	100% of time	3,150 gal	24.1 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
University of Virginia - Transportation	Light-Duty	E85	2	100% of time	708 gal	3.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
UPS - Heavy-duty CNG	Heavy-Duty	CNG	453	2,536,237 GGE	2,155,801 gal	15,706.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: Corporate Fleet **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** Yes **Energy Efficient Mobility Systems Partnership:** No *NREL RELOAD for CY23. UPS did not report for CY23.* *This includes class 4-6 package delivery trucks and class 7-8 tractors*						
US Air Force	Heavy-Duty	Biodiesel (20%)	162	100% of time	152,348 gal	1,195.1 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Air Force	Light-Duty	Biodiesel (20%)	43	100% of time	4,700 gal	77.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Air Force	Light-Duty	CNG	98	100% of time	44,106 gal	337.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Air Force	Light-Duty	E85	55	100% of time	19,470 gal	88.7 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Army - Ft. Eustis	Light-Duty	Biodiesel (20%)	45	100% of time	4,919 gal	81.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Army - Ft. Eustis	Light-Duty	CNG	2	100% of time	812 gal	6.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPGge **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
US Army - Ft. Eustis	Light-Duty	E85	74	100% of time	26,196 gal	119.3 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Army - Ft. Lee	Heavy-Duty	Biodiesel (20%)	2	100% of time	1,881 gal	14.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Army - Ft. Lee	Light-Duty	CNG	2	100% of time	900 gal	6.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Army - Ft. Lee	Light-Duty	E85	175	100% of time	61,949 gal	282.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Lawns	Heavy-Duty	CNG	14	100% of time	52,512 gal	382.6 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Lawns	Light-Duty	Propane	2	100% of time	717 gal	1.1 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Navy	Heavy-Duty	Biodiesel (20%)	538	100% of time	505,946 gal	3,968.8 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
US Navy	Light-Duty	Biodiesel (20%)	300	100% of time	32,794 gal	542.1 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 27 MPG **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Navy	Light-Duty	CNG	1	100% of time	450 gal	3.4 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
US Navy	Light-Duty	E85	2,285	100% of time	808,883 gal	3,684.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
VA Department of Mines, Minerals, & Energy	Heavy-Duty	CNG	10	100% of time	37,508 gal	273.3 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
VA Department of Mines, Minerals, & Energy	Heavy-Duty	E85	2	100% of time	6,027 gal	14.7 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 4 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
VA Department of Mines, Minerals, & Energy	Light-Duty	CNG	9	100% of time	4,051 gal	31.0 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
VA Department of Mines, Minerals, & Energy	Light-Duty	E85	10	100% of time	3,540 gal	16.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
VA Department of Mines, Minerals, & Energy	Light-Duty	Propane	33	100% of time	11,837 gal	18.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
VA Eagle Distributing	Heavy-Duty	Propane	4	100% of time	11,137 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No * GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
VA Eagle Distributing	Light-Duty	E85	75	100% of time	26,550 gal	120.9 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
VA Eagle Distributing	Light-Duty	Propane	150	100% of time	53,807 gal	82.5 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Van Go Transportation Service	Light-Duty	Propane	51	100% of time	18,294 gal	28.1 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Beach Public Schools	Heavy-Duty	Biodiesel (10%)	819	100% of time	151,599 gal	1,189.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 22,930 mi **Average vehicle fuel economy:** 7 MPG **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Beach Public Schools	Heavy-Duty	LNG	72	100% of time	34,936 gal	254.5 tons
Miles traveled per vehicle: 12,000 mi **Average vehicle fuel economy:** 7 MPGde **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Commonwealth University	Heavy-Duty	E85	9	100% of time	27,123 gal	66.2 tons
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 4 MPG **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Commonwealth University	Heavy-Duty	Propane	5	100% of time	13,922 gal	N/A
Miles traveled per vehicle: 25,594 mi **Average vehicle fuel economy:** 6 MPGde **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Virginia Commonwealth University	Light-Duty	CNG	1	100% of time	450 gal	3.4 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Commonwealth University	Light-Duty	E85	107	100% of time	37,878 gal	172.6 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Commonwealth University	Light-Duty	Propane	4	100% of time	1,435 gal	2.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Department of Environmental Quality	Light-Duty	CNG	1	100% of time	450 gal	3.4 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Department of Environmental Quality	Light-Duty	E85	28	100% of time	9,912 gal	45.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Department of General Services	Light-Duty	CNG	4	100% of time	1,800 gal	13.8 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 24 MPGge **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Department of General Services	Light-Duty	E85	3,198	100% of time	1,132,083 gal	5,157.2 tons
Miles traveled per vehicle: 11,370 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia International Terminals	Heavy-Duty	Biodiesel (20%)	103	100% of time	76,262 gal	598.2 tons
Miles traveled per vehicle: 22,930 mi **Average vehicle fuel economy:** 7 MPG **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia International Terminals	Light-Duty	E85	10	100% of time	3,591 gal	16.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,599 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia International Terminals	Light-Duty	Propane	90	100% of time	32,798 gal	50.3 tons
Miles traveled per vehicle: 11,599 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia International Terminals	Light-Duty	Propane	90	100% of time	32,798 gal	50.3 tons
Miles traveled per vehicle: 11,599 mi **Average vehicle fuel economy:** 24 MPGge **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Natural Gas	Light-Duty	CNG	48	100% of time	23,663 gal	181.3 tons
Miles traveled per vehicle: 11,520 mi **Average vehicle fuel economy:** 22 MPGge **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Natural Gas	Light-Duty	Propane	2	100% of time	786 gal	1.2 tons
Miles traveled per vehicle: 11,520 mi **Average vehicle fuel economy:** 22 MPGge **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Premier Healthcare	Light-Duty	CNG	6	100% of time	2,958 gal	22.7 tons
Miles traveled per vehicle: 11,520 mi **Average vehicle fuel economy:** 22 MPGge **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Premier Healthcare	Light-Duty	Propane	22	100% of time	8,644 gal	13.3 tons
Miles traveled per vehicle: 11,520 mi **Average vehicle fuel economy:** 22 MPGge **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Tech Fleet Services	Light-Duty	E85	329	100% of time	118,143 gal	538.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,599 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Washington and Lee University	Light-Duty	Biodiesel (20%)	7	100% of time	778 gal	12.9 tons
Miles traveled per vehicle: 11,599 mi **Average vehicle fuel economy:** 27 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Washington and Lee University	Light-Duty	E85	26	100% of time	9,337 gal	42.5 tons
Miles traveled per vehicle: 11,599 mi **Average vehicle fuel economy:** 18 MPG **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Waste Industries	Heavy-Duty	CNG	27	100% of time	59,800 gal	435.7 tons
Miles traveled per vehicle: 22,930 mi **Average vehicle fuel economy:** 7 MPGde **Market:** Utility **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Waste Industries	Light-Duty	E85	1	100% of time	290 gal	1.3 tons
Miles traveled per vehicle: 11,520 mi **Average vehicle fuel economy:** 16 MPG **Market:** Utility **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Waste Management - Chesapeake	Heavy-Duty	CNG	33	100% of time	187,835 gal	1,368.5 tons
Miles traveled per vehicle: 25,000 mi **Average vehicle fuel economy:** 3 MPGde **Market:** Utility **Vehicle type:** Truck: Refuse **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Waste Management - Heavy-duty CNG	Heavy-Duty	CNG	56	523,348 GGE	444,846 gal	3,241.0 tons
Market: Corporate Fleet **Vehicle type:** Truck: Refuse **Percentage from coalition:** 100% **National Clean Fleets Partnership:** Yes **Energy Efficient Mobility Systems Partnership:** No						

Reloading 2021 WM after not reporting. Loading with 17% reduction in total fuel and vehicles and subtracting totals reported directly by coalitions.

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Williamsburg Area Transit Authority	Heavy-Duty	LNG	13	100% of time	20,858 gal	152.0 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPGde **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Total:			**18,651**		**18,343,671 gal**	**104,987 tons**

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Albemarle County (Muni & Schools)	Heavy-Duty	Electric	4	7,542 gal	64.3 tons
Average electric fuel economy: 100 kWh/100mi **Miles traveled per vehicle per year:** 11,599 mi **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Albemarle County (Muni & Schools)	Light-Duty	HEV	18	1,278 gal	15.1 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,599 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Altria Client Services	Light-Duty	Electric	1	481 gal	3.8 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,599 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Altria Client Services	Light-Duty	HEV	114	10,790 gal	127.5 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,599 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Belmont Golf Course	Light-Duty	Electric	61	6,608 gal	42.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 40 kWh/100mi **Miles traveled per vehicle per year:** 10,573 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Blacksburg	Heavy-Duty	Electric	5	12,244 gal	122.0 tons
Average electric fuel economy: 100 kWh/100mi **Miles traveled per vehicle per year:** 11,599 mi **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Blacksburg	Heavy-Duty	HEV	9	21,112 gal	251.8 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Blacksburg	Light-Duty	HEV	10	1,690 gal	20.0 tons
Average vehicle fuel economy: 40 MPG **Miles traveled per vehicle per year:** 10,573 mi **Market:** Transit Agency **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Blue Ridge Parkway	Light-Duty	HEV	3	405 gal	4.8 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Charles City Public Schools	Heavy-Duty	Electric	2	3,957 gal	33.9 tons
Average electric fuel economy: 100 kWh/100mi **Miles traveled per vehicle per year:** 12,000 mi **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Charlottesville - Municipal/schools	Light-Duty	Electric	6	2,335 gal	19.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Charlottesville - Municipal/schools	Light-Duty	HEV	47	4,756 gal	56.2 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Chesapeake County Public Schools	Heavy-Duty	Electric	2	3,957 gal	33.9 tons
Average electric fuel economy: 100 kWh/100mi **Miles traveled per vehicle per year:** 12,000 mi **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Chesterfield County Fleet Management	Heavy-Duty	Electric	2	5,922 gal	47.1 tons
Average electric fuel economy: 120 kWh/100mi **Miles traveled per vehicle per year:** 23,601 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Chesterfield County Fleet Management	Light-Duty	Electric	2	778 gal	6.3 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Chesterfield County Fleet Management	Light-Duty	HEV	2	202 gal	2.4 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Alexandria	Heavy-Duty	Electric	4	15,791 gal	125.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 120 kWh/100mi **Miles traveled per vehicle per year:** 23,601 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Alexandria	Light-Duty	Electric	9	3,900 gal	25.0 tons
Average electric fuel economy: 40 kWh/100mi **Miles traveled per vehicle per year:** 10,573 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Alexandria	Light-Duty	HEV	47	7,943 gal	93.8 tons
Average vehicle fuel economy: 40 MPG **Miles traveled per vehicle per year:** 10,573 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Chesapeake	Light-Duty	Electric	5	1,946 gal	15.8 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Chesapeake	Light-Duty	HEV	89	9,006 gal	106.4 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Harrisonburg	Light-Duty	Electric	2	1,038 gal	11.9 tons
Average electric fuel economy: 3 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Harrisonburg	Light-Duty	HEV	2	270 gal	3.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Lynchburg **Average electric fuel economy:** 3 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	7	2,724 gal	31.2 tons
City of Lynchburg **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	14	1,417 gal	16.7 tons
City of Richmond **Average electric fuel economy:** 40 kWh/100mi **Miles traveled per vehicle per year:** 10,573 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	10	4,333 gal	27.8 tons
City of Richmond **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	3	304 gal	3.6 tons
City of Roanoke Municipal **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	15	5,838 gal	47.5 tons
City of Roanoke Municipal	Light-Duty	HEV	15	1,518 gal	17.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
City of Virginia Beach **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	3	1,168 gal	9.5 tons
City of Virginia Beach **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	82	8,298 gal	98.0 tons
College of William and Mary **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	13	5,059 gal	41.1 tons
Dominion Energy **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 22,930 mi **Market:** Utility **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	HEV	20	46,915 gal	559.6 tons
Dominion Energy **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Utility **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	41	15,957 gal	129.7 tons
Dominion Energy	Light-Duty	HEV	233	23,577 gal	278.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Electrified Marina	Light-Duty	Electric	5	2,167 gal	13.9 tons
Average electric fuel economy: 40 kWh/100mi **Miles traveled per vehicle per year:** 10,573 mi **Market:** Transportation Network Company (e.g., Uber or Lyft) **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *This is a stakeholder fleet of turo vehicles.*					
Electrify America	Light-Duty	Electric	9	4,670 gal	38.0 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Excel Heating and Cooling	Light-Duty	HEV	9	1,214 gal	14.3 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Frederick County	Light-Duty	HEV	3	304 gal	3.6 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
George Mason University	Light-Duty	Electric	13	5,059 gal	41.1 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
George Mason University	Light-Duty	HEV	15	1,518 gal	17.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
George Washington Birthplace National Monument	Light-Duty	HEV	2	202 gal	2.4 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Greater Richmond Transit Company	Light-Duty	Electric	2	778 gal	6.3 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Hampton Roads Sanitation district	Light-Duty	HEV	12	1,214 gal	14.3 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Utility **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Hampton Roads Transit	Heavy-Duty	HEV	42	494,611 gal	5,899.9 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 34,012 mi **Market:** Transit Agency **Vehicle type:** Bus: Transit **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
James City County - Municipal	Light-Duty	HEV	7	335 gal	4.0 tons
Average vehicle fuel economy: 40 MPG **Miles traveled per vehicle per year:** 11,599 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
James Madison University	Heavy-Duty	HEV	1	117 gal	1.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
James Madison University **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Utility **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	3	1,168 gal	9.5 tons
James Madison University **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	43	4,351 gal	51.4 tons
James River Petroleum **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	2	270 gal	3.2 tons
J Sargeant Reynolds Community College **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	2	778 gal	6.3 tons
J Sargeant Reynolds Community College **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	3	304 gal	3.6 tons
Liberty University	Light-Duty	Electric	4	2,076 gal	16.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Loudoun County **Average vehicle fuel economy:** 40 MPG **Miles traveled per vehicle per year:** 10,573 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	60	7,605 gal	89.8 tons
Louisa County Public Schools **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	Electric	4	12,029 gal	132.1 tons
Middlesex County Public Schools **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	Electric	4	12,029 gal	132.1 tons
Misc GEM EV Sales **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	6	3,114 gal	25.3 tons
Montgomery County Public Schools **Average electric fuel economy:** 100 kWh/100mi **Miles traveled per vehicle per year:** 12,000 mi **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	Electric	4	7,914 gal	67.8 tons
Mount Vernon	Light-Duty	Electric	14	7,265 gal	59.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Norfolk Botanical Gardens	Light-Duty	Electric	20	10,378 gal	84.4 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Norfolk Public Schools	Heavy-Duty	Electric	4	3,957 gal	33.9 tons
Average electric fuel economy: 100 kWh/100mi **Miles traveled per vehicle per year:** 12,000 mi **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Other Registered Electric Vehicles Virginia	Light-Duty	Electric	14,577	7,229,920 gal	51,180.3 tons
Average electric fuel economy: 40 kWh/100mi **Miles traveled per vehicle per year:** 10,614 mi **Market:** Commuters **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *This is a total of registered electric vehicles in Virginia other than those that were reported elsewhere. Virginia Clean Cities reviewed our activities and modeled 20% of the 72,886 total electric vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts through 10% Bringing EVs to Auto Shows and events, 5% from EV Clubs and our volunteer base, and 5% from Infrastructure Advancement.*					
Other Registered Hybrid Electric Vehicles	Light-Duty	HEV	14,272	3,778,080 gal	44,635.1 tons
Average vehicle fuel economy: 48 MPG **Miles traveled per vehicle per year:** 11,788 mi **Market:** Commuters **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *This is a listing of other Virginia hybrids including citizen deployments that are not captured in other areas of this report. This represents 7% of the 203,888 total hybrid electric vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts. Virginia Clean Cities came to this calculation reflecting on our outreach efforts that have supported the initial HOV lane and license plate in the early 2000's and regular consumer educational outreach. One main clean fuel consumer type vehicle for Virginia is the hybrid electric vehicle and we educate on those vehicles each time we table, each time we present on electric vehicles, and through earned and social media activities. Stakeholder and fleet hybrids also educate the communities served through visible examples of the technology. Hybrid vehicles for consumers are physically showcased at our annual events. Annually we reach more than 5000 people at events and through earned media and this 7% is a cumulative number reflecting vehicles on the road today after more than a decade of work on hybrid electric vehicle consumer education.*					
Other Registered Plug-In Hybrid Electric Vehicles	Light-Duty	PHEV	526	170,438 gal	1,964.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 25 kWh/100mi **Average vehicle fuel economy:** 70 MPG **Miles traveled per vehicle per year:** 11,244 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
This is a listing of other Virginia plug-in hybrids including citizen deployments that are not captured in other areas of this report. This represents 7% of the 7,514 total plug-in hybrid electric vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts.					
Pittsylvania County Public Schools	Heavy-Duty	Electric	2	3,957 gal	33.9 tons
Average electric fuel economy: 100 kWh/100mi **Miles traveled per vehicle per year:** 12,000 mi **Market:** Government - Local **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Prince William County	Light-Duty	HEV	12	899 gal	10.6 tons
Average vehicle fuel economy: 35 MPG **Miles traveled per vehicle per year:** 11,599 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Regen EV	Light-Duty	Electric	9	2,925 gal	22.7 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 10,573 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Richmond Gas Works	Heavy-Duty	Electric	8	24,059 gal	264.1 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 22,930 mi **Market:** Utility **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Richmond Gas Works	Light-Duty	HEV	5	10,162 gal	120.1 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 22,930 mi **Market:** Utility **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
RVATukTuk	Light-Duty	Electric	7	3,632 gal	29.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Shenandoah National Park **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	11	4,281 gal	34.8 tons
Spotsylvania County **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	1	101 gal	1.2 tons
State Farm Insurance **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	9	1,214 gal	14.3 tons
University of Virginia - Transportation **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	Electric	4	1,797 gal	15.7 tons
University of Virginia - Transportation **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	2	778 gal	6.3 tons
University of Virginia - Transportation	Light-Duty	HEV	3	304 gal	3.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
US Air Force **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	2	778 gal	6.3 tons
US Air Force **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	1	101 gal	1.2 tons
US Army - Ft. Eustis **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	11	4,281 gal	34.8 tons
US Army - Ft. Eustis **Average vehicle fuel economy:** 35 MPG **Miles traveled per vehicle per year:** 11,370 mi **Market:** Government - Federal **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	11	1,638 gal	19.3 tons
US Navy **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	214	83,286 gal	677.1 tons
US Navy	Light-Duty	HEV	255	25,803 gal	304.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Federal **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
VA Eagle Distributing **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	Electric	30	120,294 gal	1,320.7 tons
VA Eagle Distributing **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	150	77,838 gal	632.8 tons
VA Eagle Distributing **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	1	135 gal	1.6 tons
Virginia Beach Public Schools **Average electric fuel economy:** 100 kWh/100mi **Miles traveled per vehicle per year:** 12,000 mi **Market:** General/Unknown **Vehicle type:** Bus: School **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	Electric	8	13,850 gal	125.4 tons
Virginia Beach Public Schools **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	2	778 gal	6.3 tons
Virginia Beach Public Schools	Light-Duty	HEV	5	506 gal	6.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Virginia Commonwealth University **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	HEV	3	7,037 gal	83.9 tons
Virginia Commonwealth University **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	4	1,557 gal	12.7 tons
Virginia Commonwealth University **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	4	405 gal	4.8 tons
Virginia Department of Environmental Quality **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	1	101 gal	1.2 tons
Virginia Department of General Services **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	7	2,724 gal	22.1 tons
Virginia Department of General Services	Light-Duty	HEV	4	405 gal	4.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - State **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Virginia International Terminals **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 22,930 mi **Market:** Airport **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	HEV	2	6,255 gal	74.6 tons
Virginia International Terminals **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Airport **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	10	1,349 gal	15.9 tons
Virginia Port Authority **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Heavy-Duty	HEV	75	175,929 gal	2,098.5 tons
Virginia Port Authority **Average vehicle fuel economy:** 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	HEV	2	202 gal	2.4 tons
Virginia Tech Fleet Services **Average electric fuel economy:** 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No	Light-Duty	Electric	14	5,449 gal	44.3 tons
Virginia Tech Fleet Services	Light-Duty	HEV	11	1,113 gal	13.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Warrenton, Virginia	Light-Duty	HEV	6	607 gal	7.2 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Washington and Lee University	Light-Duty	Electric	5	1,946 gal	15.8 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Waynesboro County	Heavy-Duty	Electric	2	2,005 gal	22.4 tons
Average electric fuel economy: 24 kWh/100mi **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Westminster Canterbury	Light-Duty	Electric	19	9,859 gal	80.2 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Williamsburg - James City County Schools	Heavy-Duty	Electric	4	12,029 gal	132.1 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Williamsburg - James City County Schools	Light-Duty	HEV	5	506 gal	6.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
WMATA	Heavy-Duty	HEV	147	344,822 gal	4,113.1 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 22,930 mi **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
York County	Light-Duty	HEV	7	708 gal	8.4 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,520 mi **Market:** Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Total:			**31,665**	**12,963,329 gal**	**117,502 tons**

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Belmont Golf Course	Recreational equipment	Alternative fuel or vehicles	Electric	61	5,054 gal	32.6 tons
Fuel used: 50,000 kWh **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Chesapeake	Recreational equipment	Alternative fuel or vehicles	Electric	1	25 gal	0.2 tons
Fuel used: 250 kWh **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Chesapeake	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	1	454 gal	0.7 tons
Fuel used: 600 gal **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
City of Norfolk - Municipal	Construction equipment	Alternative fuel or vehicles	Electric	2	3,032 gal	19.6 tons
Fuel used: 30,000 kWh **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Electrified Marina	Ships	Alternative fuel or vehicles	Electric	10	3,032 gal	19.6 tons
Fuel used: 30,000 kWh **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Philips Oil & Gas	Forklifts	Alternative fuel or vehicles	Electric	1	81 gal	0.5 tons
Fuel used: 800 kWh **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Beach City Public Schools	Recreational equipment	Alternative fuel or vehicles	Electric	45	3,639 gal	23.5 tons
Fuel used: 36,000 kWh **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Beach City Public Schools	Forklifts	Alternative fuel or vehicles	Propane	2	1,666 gal	2.6 tons
Fuel used: 2,200 gal **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Virginia Natural Gas	Landscaping and lawn equipment	Alternative fuel or vehicles	Electric	2	81 gal	0.5 tons
Fuel used: 800 kWh **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Total:				**125**	**17,064 gal**	**100 tons**

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Virginia Green Operator Vehicles	4 MPG	6 MPG	558	75,000 mi	4,025,089 gal	48,012.4 tons
Method: Vehicle - More efficient **Vehicle class:** Heavy-Duty **Market:** General/Unknown **Vehicle type:** Truck: Semi-trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *This represents the cumulative total volume of dray truck port operators that we have improved through the years of the Green Operator Program*						
Total:			**558**	**75,000 mi**	**4,025,089 gal**	**48,012 tons**

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Bay Transit	Route optimization	Heavy-Duty	4,617 gal	55.1 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Fuel saved: 8,000 gallons **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 727,000+ passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 8,000 gasoline gallons.*				
Blacksburg Transit	Route optimization	Heavy-Duty	37,394 gal	446.1 tons
Fuel saved: 81,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 6.9 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 81,000 gasoline gallons.*				
BRITE Transit	Route optimization	Heavy-Duty	6,002 gal	71.6 tons
Fuel saved: 13,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 1.1 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 13,000 gasoline gallons.*				
Charlottesville Area Transit	Route optimization	Heavy-Duty	44,781 gal	534.2 tons
Fuel saved: 97,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 8.3 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 97,000 gasoline gallons.*				
Danville Transit System	Route optimization	Heavy-Duty	7,848 gal	93.6 tons
Fuel saved: 17,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 1.4 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 17,000 gasoline gallons.*				
Four County Transit	Route optimization	Heavy-Duty	3,232 gal	38.5 tons
Fuel saved: 7,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 610,000 passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 7,000 gasoline gallons.*				
Fredericksburg Regional Transit	Route optimization	Heavy-Duty	6,925 gal	82.6 tons
Fuel saved: 15,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 1.3 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 15,000 gasoline gallons.*				
Greater Lynchburg Transit Company	Route optimization	Heavy-Duty	54,937 gal	655.3 tons
Fuel saved: 119,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 10.2 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 119,000 gasoline gallons.*				

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Greater Roanoke Transit company, Valley Metro	Route optimization	Heavy-Duty	49,513 gal	590.6 tons
Fuel saved: 143,000 gallons **Percentage from coalition:** 30% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Use of transit. This is reflecting fuel savings of 12.3 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 143,000 gasoline gallons.				
Greater Roanoke Transit company, Valley Metro	Route optimization	Heavy-Duty	49,513 gal	590.6 tons
Fuel saved: 143,000 gallons **Percentage from coalition:** 30% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Use of transit. This is reflecting fuel savings of 12.3 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 143,000 gasoline gallons.				
GRTC Transit	Route optimization	Heavy-Duty	336,549 gal	4,014.5 tons
Fuel saved: 729,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Use of transit. This is reflecting fuel savings of 62.6 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 729,000 gasoline gallons.				
Hampton Roads Transit	Route optimization	Heavy-Duty	396,565 gal	4,730.3 tons
Fuel saved: 859,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Use of transit. This is reflecting fuel savings of 73.8 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 859,000 gasoline gallons.				
Harrisonburg Public Transit	Route optimization	Heavy-Duty	24,006 gal	286.4 tons
Fuel saved: 52,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Use of transit. This is reflecting fuel savings of 4.5 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 52,000 gasoline gallons.				
JAUNT	Route optimization	Heavy-Duty	15,235 gal	181.7 tons
Fuel saved: 33,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Use of transit. This is reflecting fuel savings of 2.8 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 33,000 gasoline gallons. This also includes autonomous vehicle pilot.				
OmniRide	Route optimization	Heavy-Duty	553,991 gal	6,608.2 tons
Fuel saved: 1,200,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Use of transit. This is reflecting fuel savings of 107 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 1,200,000 gasoline gallons.				
Petersburg Area Transit	Route optimization	Heavy-Duty	7,387 gal	88.1 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Fuel saved: 16,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 1.4 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 16,000 gasoline gallons.*				
Radford Transit	Route optimization	Heavy-Duty	6,925 gal	82.6 tons
Fuel saved: 15,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 1.3 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 15,000 gasoline gallons.*				
Total Virginia Green Fleet Bikes	Non-motorized locomotion (e.g., bicycles)	Light-Duty	1,680 gal	19.8 tons
Fuel type of vehicles driven less: Gasoline **Fuel economy of vehicles driven less:** 25 MPG **Number of vehicles driven less:** 70 **VMT project per vehicle being driven less:** 600 mi **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *This represents fleet bikes used to replace car trips.*				
Virginia Passenger Rail	Mass transit	Light-Duty	636,000 gal	7,513.8 tons
Fuel saved: 1,272,000 gallons **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *The 50.9 million passenger rail miles roughly equals 31.8 million vehicle miles.*				
Virginia Regional Transit	Route optimization	Heavy-Duty	5,078 gal	60.6 tons
Fuel saved: 11,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 1 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 11,000 gasoline gallons.*				
Williamsburg Area Transport	Route optimization	Heavy-Duty	30,008 gal	357.9 tons
Fuel saved: 65,000 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 5.6 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 65,000 gasoline gallons.*				
Winchester Transit System	Route optimization	Heavy-Duty	3,139 gal	37.4 tons
Fuel saved: 6,800 gallons **Percentage from coalition:** 40% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Use of transit. This is reflecting fuel savings of 587,000 passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 6,800 gasoline gallons.*				
Total:			**2,281,324 gal**	**27,140 tons**

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
IdleAir	53	3,650 hrs/year	223,270 gal	2,663.2 tons
Percentage from coalition: 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Shore Power Near Lexington	24	2,400 hrs/year	66,479 gal	793.0 tons
Percentage from coalition: 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Total:	**77**		**289,749 gal**	**3,456 tons**

Idle Reduction

Project Name	Type of Project	Number of Vehicles	GGE Reduced	GHG Reduced
Albemarle County Public Schools	Direct-fire heater	14	1,856 gal	22.1 tons
Type of vehicle: Heavy-Duty - Bus: School **Idling reduced per vehicle:** 59 mins/day, 365 days/year **Fuel saved per vehicle:** 0.40 gal/hr **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Virginia Beach Public Schools	Direct-fire heater	10	1,326 gal	15.8 tons
Type of vehicle: Heavy-Duty - Bus: School **Idling reduced per vehicle:** 59 mins/day, 365 days/year **Fuel saved per vehicle:** 0.40 gal/hr **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Total:		**24**	**3,181 gal**	**38 tons**

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	0	3
CNG - Compressed Natural Gas	0	0
E85 - 85% Ethanol	3	0
EVSE Ports (Chargers): Level 1 & Level 2	54	14
EVSE Ports (Chargers): DC Fast Chargers	24	0
Hydrogen	0	0
LNG - Liquefied Natural Gas	0	0
Propane	0	0
Total:	**81**	**17**

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology Hour Webinar: Virginia Transformer Corporation	02/16/2023	Workshop Held By Coalition	100%	61

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Electric vehicles **Audience:** General Public, Government, Private Fleets, Transit, Utility				
Technology Hour Webinar: Blossman Gas	03/16/2023	Workshop Held By Coalition	100%	25
Technology: Fuel economy improvements, Propane **Audience:** General Public, Government, Private Fleets, Transit				
Clean Transportation Rally in Richmond	04/06/2023	Workshop Held By Coalition	100%	130
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
Earth Day Staunton	04/20/2023	Workshop Held By Coalition	100%	300
Technology: Electric vehicles, Hybrid electric vehicles, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets				
Waynesboro River Fest	04/29/2023	Workshop Held By Coalition	100%	2,000
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction **Audience:** General Public				
Earth Day Front Royal	04/20/2023	Workshop Held By Coalition	100%	300
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles, Propane, Renewable diesel **Audience:** General Public, Government				
Charlottesville InBio EV event	10/21/2023	Workshop Held By Coalition	100%	75
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government				
Electric School Bus - Maximize Savings Webinar	06/05/2023	Workshop Held By Coalition	100%	70
Technology: Electric vehicles, Fuel economy improvements, Vehicle miles traveled reduction **Audience:** General Public, Government, Transit				
Electric School Buses - Maximize Savings Webinar	06/12/2023	Workshop Held By Coalition	100%	75
Technology: Electric vehicles, Vehicle miles traveled reduction **Audience:** Government, Transit				
Technology Hour Webinar: Dominion Energy and Hydrogen	06/15/2023	Workshop Held By Coalition	100%	41
Technology: Hydrogen **Audience:** General Public, Government, Private Fleets, Transit, Utility, Waste				
Solar Butterfly Clean Energy Open House	08/09/2023	Workshop Held By Coalition	100%	30
Technology: Electric vehicles **Audience:** General Public				
National Drive Electric Week: Shenandoah EV Show	09/23/2023	Workshop Held By Coalition	100%	100
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government				
Jon Henry General Store Charging Station Ribbon Cutting	09/27/2023	Workshop Held By Coalition	100%	15

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Electric vehicles **Audience:** General Public				
Norfolk State University EV Showcase	09/29/2023	Workshop Held By Coalition	100%	65
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government				
2023 Electric Vehicle Festival at the Raceway	10/07/2023	Conference Participation	50%	175
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** General Public, Utility				
Virginia Clean Energy Summit	10/16/2023	Conference Participation	50%	400
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility				
Technology Hour Webinar: DC America	10/26/2023	Workshop Held By Coalition	100%	35
Technology: Electric vehicles **Audience:** General Public, Government, Private Fleets, Utility				
Virginia Beneficial Electrification Summit	11/09/2023	Conference Participation	50%	150
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** Government, Utility				
Electric School Bus Funding Support Session	11/06/2023	Workshop Held By Coalition	100%	25
Technology: Electric vehicles **Audience:** Government, Transit				
CMAQ Program Webinar	12/12/2023	Workshop Held By Coalition	100%	30
Technology: Natural gas vehicles, Propane **Audience:** General Public, Government, Private Fleets, Transit, Utility				
Electric School Bus Funding Support Session	12/14/2023	Workshop Held By Coalition	100%	20
Technology: Electric vehicles **Audience:** Government, Transit				
Rocktown Energy Festival	10/14/2023	Workshop Held By Coalition	50%	150
Technology: Biodiesel, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit				
Virginia International Auto Show	02/18/2023	Conference Participation	10%	1,500
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles **Audience:** General Public				
Fredericksburg Annual Earth Day Festival on the Rappahannock	04/22/2023	Conference Participation	10%	300
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Propane **Audience:** General Public				
2023 Annual Conference & Expo with Virginia Transit Association	05/23/2023	Conference Participation	10%	200

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Government, Transit				
2023 Resilient Virginia Conference	08/01/2023	Conference Participation	50%	300
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Propane, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Utility				
7th Annual Sustainable Fleet Tech Conference & Expo	08/14/2023	Conference Participation	10%	300
Technology: Electric vehicles **Audience:** General Public, Government, Private Fleets, Utility				
Green Transportation Summit & Expo	08/14/2023	Conference Participation	10%	1,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** General Public, Government, Private Fleets, Transit, Utility, Waste				
Cars, Dogs, Books, Murals, and More in Waynesboro	09/30/2023	Workshop Held By Coalition	50%	200
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public				
Virginia Environmental Excellence Program (Valley Region in Staunton)	10/24/2023	Conference Participation	10%	40
Technology: Electric vehicles, Fuel economy improvements **Audience:** General Public, Government				
Climate Pollution Reduction Grant: Valley Region	12/07/2023	Meeting - Stakeholder	10%	30
Technology: Fuel economy improvements, Vehicle miles traveled reduction **Audience:** General Public, Government				
Henrico Earth Day	04/22/2023	Conference Participation	10%	200
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Utility				
CFI Funding: What's Ahead in Virginia Webinar	05/03/2023	Workshop Held By Coalition	100%	115
Technology: Biodiesel, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Renewable diesel **Audience:** General Public, Government				
Virginia Brownfields Conference	06/13/2023	Conference Participation	10%	100
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Renewable diesel **Audience:** General Public, Government				
Lion Electric School Bus Ride and Drive (Fairfax)	12/08/2023	Workshop Held By Coalition	100%	30
Technology: Electric vehicles, Fuel economy improvements, Vehicle miles traveled reduction **Audience:** General Public, Government, Transit				
Lion Electric School Bus Ride and Drive (Chesterfield)	12/11/2023	Workshop Held By Coalition	100%	44
Technology: Electric vehicles, Fuel economy improvements **Audience:** General Public, Government, Transit				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Ready for EVs Workshop with NFPA	02/22/2023	Workshop Held By Coalition	100%	26
Technology: Electric vehicles, Hybrid electric vehicles **Audience:** General Public, Government				
Virginia Local Government Management Association Winter Conference	02/15/2023	Conference Participation	10%	300
Technology: Electric vehicles, Fuel economy improvements **Audience:** Government				
Clean Fuels Conference	01/23/2023	Conference Participation	10%	500
Technology: Biodiesel, Fuel economy improvements, Renewable diesel **Audience:** General Public, Government, Private Fleets, Transit, Utility, Waste				
Total:				**9,457**

GRANTS

Name	Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2023	Matching Funds Spent in 2023	Total Project Funding Spent in 2023
Mid Atlantic Electric School Bus Experience	Department of Energy	$670,000	-	$670,000	-	-	$0
Additional grant money added since start: $0 **Additional matching funds added since start:** $0 **Length of grant:** 5 years **Year grant began:** 2019 **Sources of the grant:** U.S. Department of Energy **Partners:** BlueBird, Dominion Energy, Eastern Pennsylvania Alliance for Clean Transportation, Energy Foundation, Generation 180, Greater Washington DC Clean Cities, Maryland Clean Cities, National Association for Pupil Transportation, New Jersey Clean Cities, NJ DEP, Proterra, ThomasBuilt, VA DEQ, VA DMME, VEIC **Technologies:** Electricity							
Rural Reimagined: Building an EV Ecosystem and Green Economy for	Department of Energy	$226,282	$25,456	$251,738	-	-	$0
Length of grant: 3 years **Year grant began:** 2022 **Sources of the grant:** U.S. Department of Energy **Partners:** Tennessee Technological University **Technologies:** Electricity							
Mid-Atlantic Electrification Partnership (DE-EE0009225)	Department of Energy	$5,989,584	$22,025,798	$28,015,382	$1,000,000	$1,000,000	$2,000,000

Name	Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2023	Matching Funds Spent in 2023	Total Project Funding Spent in 2023
Additional grant money added since start: $0 **Additional matching funds added since start:** $0 **Length of grant:** 4 years **Year grant began:** 2020 **Sources of the grant:** U.S. Department of Energy **Partners:** Argonne National Laboratory, Baltimore Gas & Electric, Beam Solar, Blink, Charlottesville City, Dominion Energy, EV Noire, Greenspot, GWRCCC, Maryland Clean Cities, Maryland Department of Energy, PEPCO, Sonny Merryman, Tradepoint Atlantic, WV Clean Fuels **Technologies:** Electricity **Funds contracted to coalitions or received from coalitions:** contracting **Coalitions involved:** Greater Washington Region Clean Cities Coalition, Maryland Clean Cities and Communities Coalition, West Virginia Clean Cities Coalition							
Mid Atlantic NOX Reduction Project	EPA	$2,037,316	$8,995,683	$11,032,999	-	-	$0
Additional grant money added since start: $0 **Additional matching funds added since start:** $0 **Length of grant:** 5 years **Year grant began:** 2019 **Sources of the grant:** Environmental Protection Agency **Partners:** United Parcel Service **Technologies:** CNG - Compressed Natural Gas							
Total:		**$8,923,182**	**$31,046,937**	**$39,970,119**	**$1,000,000**	**$1,000,000**	**$2,000,000**