

2019 Transportation Technology Deployment Report:

Virginia Clean Cities
Expanded Edition

March 2020



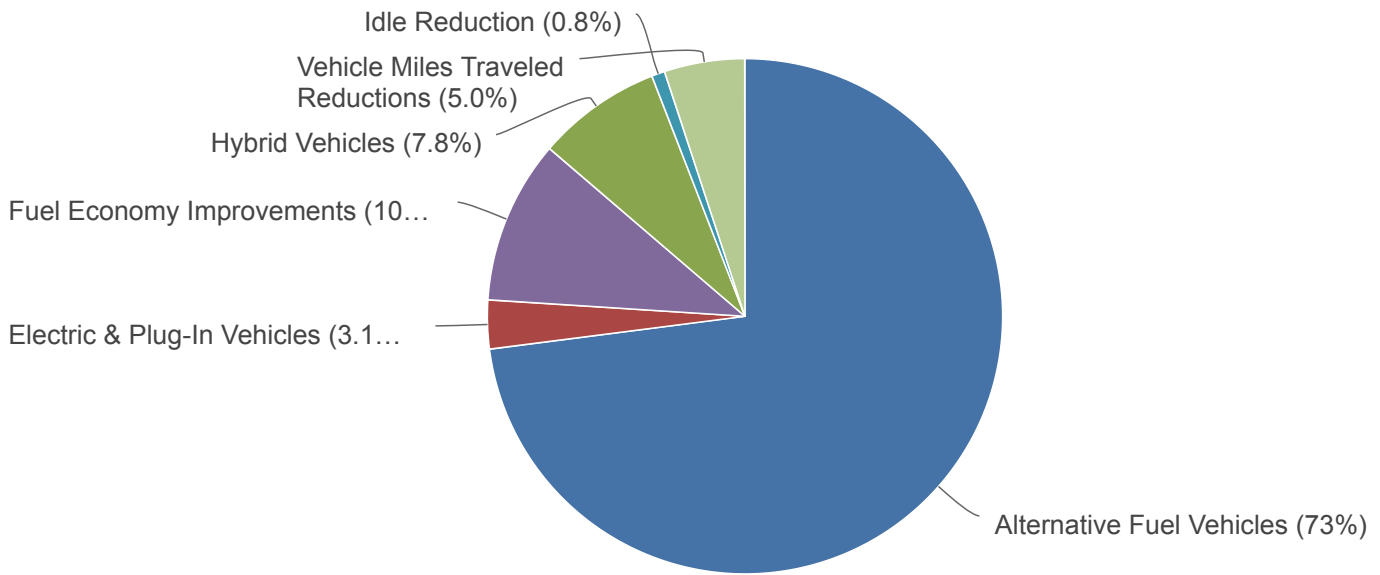
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and private sectors to deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and new transportation technologies, as they emerge.

Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, 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 coordinators also submit data on the sales of alternative fuels, deployment of alternative fuel vehicles and hybrid electric vehicles, idle-reduction initiatives, fuel economy activities, and programs to reduce vehicle miles traveled. NREL and DOE analyze the data and translate them into petroleum-use and greenhouse gas reduction impacts for individual coalitions and the program as a whole. This report summarizes those impacts for .

To view aggregated data for all local coalitions that participate in the Clean Cities program, visit cleancities.energy.gov/accomplishments.

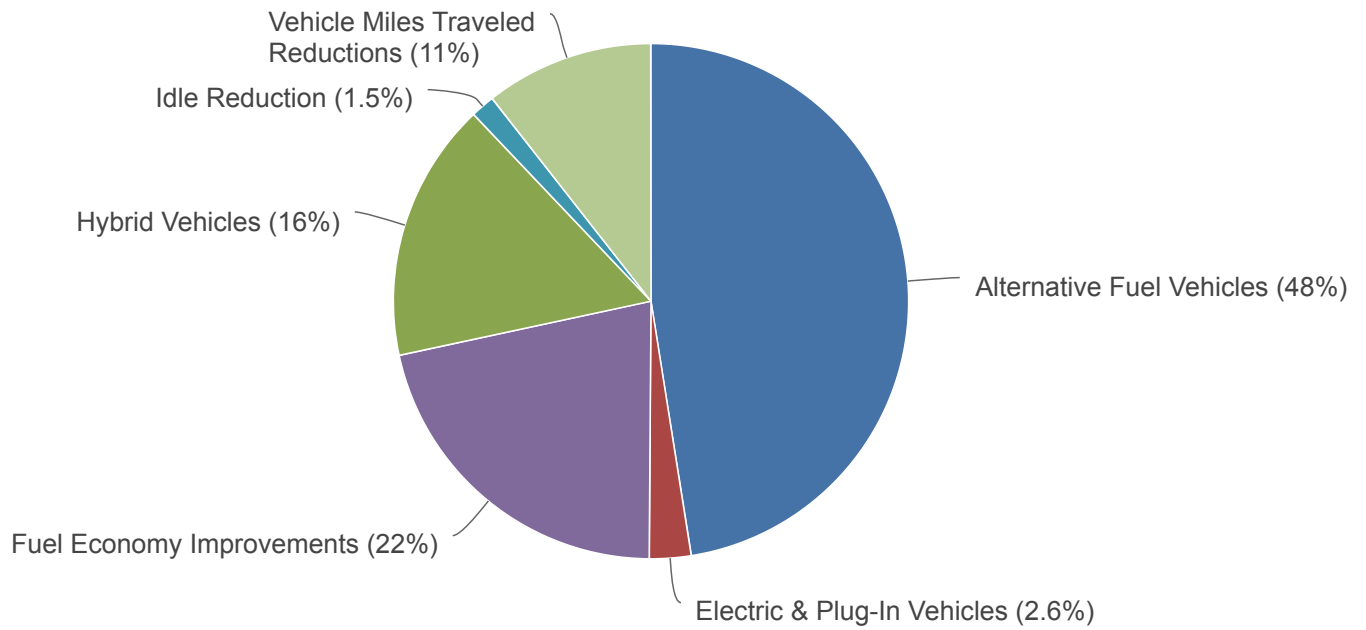
2019 Gallons of Gasoline Equivalent Reduced

33,675,925 gallons

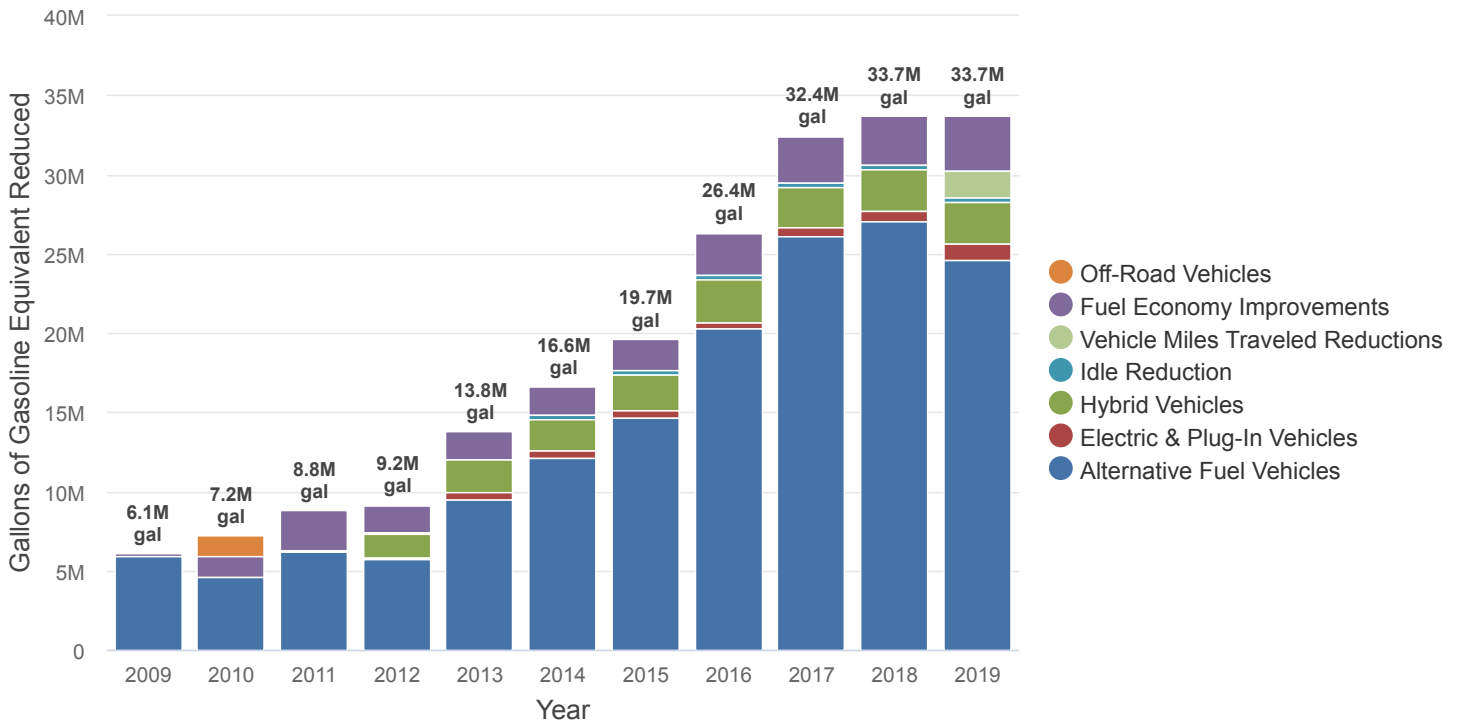


2019 Greenhouse Gas Emissions Reduced

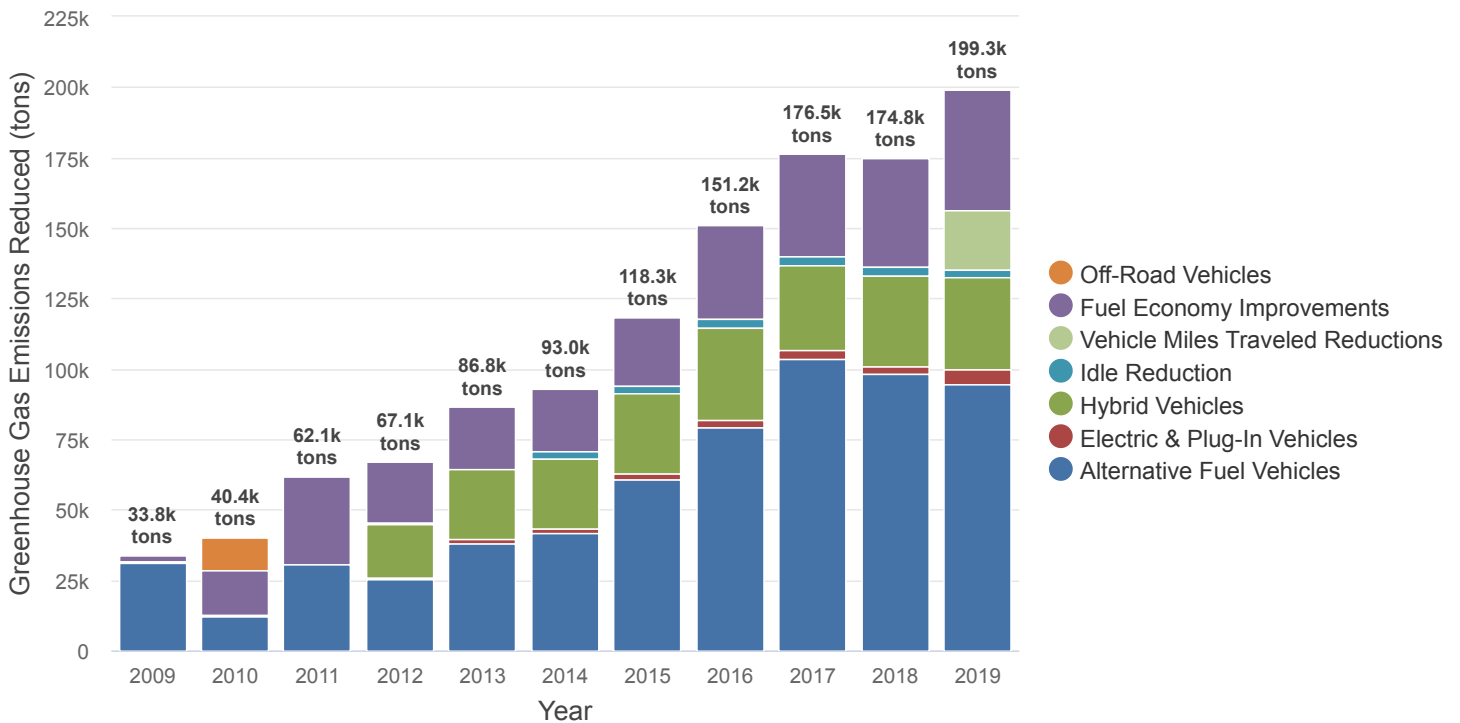
199,327 tons



Historical Gallons of Gasoline Equivalent Reduced

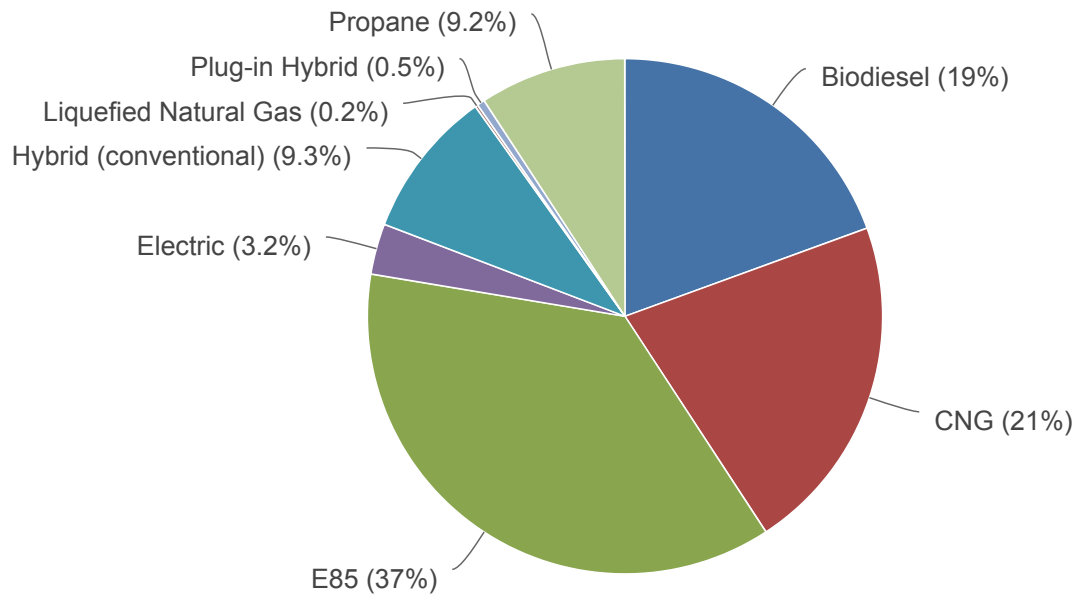


Historical Greenhouse Gas Emissions Reduced



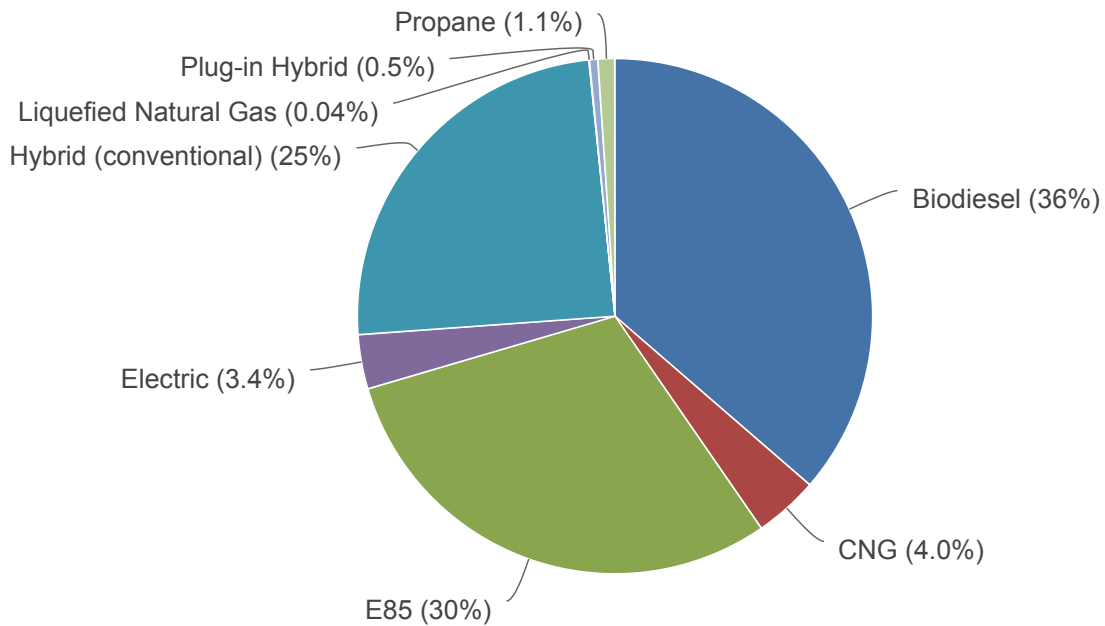
2019 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

28,236,600 gallons



2019 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

132,354 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 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. Carbon Monoxide benefits are not included since no Clean Cities coalitions are in nonattainment areas for CO. To learn more about what your emissions numbers mean, please take the Understanding Emissions or Emissions Compliance courses at [Clean Cities University](http://CleanCitiesUniversity.com).

Reductions by Technology*	NOx	VOC**	PM10	PM2.5
CNG - Compressed Natural Gas	274,642 lb	476 lb	2 lb	2 lb
E85 - 85% Ethanol	24,347 lb	1,815 lb	160 lb	39 lb
Electric (all-electric)	10,665 lb	4,877 lb	183 lb	168 lb
Hybrid (conventional)	3,550 lb	8,334 lb	1 lb	1 lb
LNG - Liquefied Natural Gas	2,816 lb	0 lb	0 lb	0 lb
Plug-in Hybrid	865 lb	1,333 lb	38 lb	35 lb
Propane	73,213 lb	-5,441 lb	478 lb	114 lb
VMT Reduction (Diesel)	119,268 lb	2,488 lb	3,458 lb	855 lb
VMT Reduction (Gasoline)	9 lb	14 lb	4 lb	1 lb
Total:	509,375 lb	13,897 lb	4,324 lb	1,216 lb

* This table accounts for criteria pollutants from alternative fuel vehicle, hybrid vehicle, and VMT reduction projects only. It does not include fuel economy, idle reduction, or off-road projects. Negative values indicate an increase in emissions.

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

COALITION

Virginia Clean Cities - VA

<http://www.vacleancities.org>

Designated: 10/04/1996

Boundaries: Entire state of Virginia, except DC COG

COORDINATORS

	Address	Telephone	Fax
Alley 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 coordinators			3
Coordinator(s) hours per week on Clean Cities			40 hours
Other staff hours per week on Clean Cities			18 hours
How long have you been the coordinator?			10 years

OPERATING INFORMATION

Coalition organizational structure Standalone nonprofit (self-managed)

Stakeholders

Number of stakeholders	272
Number of private stakeholders	107
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes

Explain State Energy Office's support

Annual contract to facilitate specific state goals, event and program partnerships. VCC supports state energy transportation goals.

How would you rate the quality of the data on your survey? Excellent

How do you obtain most of your data for the survey? Coalition records, Estimates, Online questionnaire to stakeholders (SurveyMonkey, Google Forms, etc), Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders

Has your coalition registered with www.grants.gov? Yes

2019 Outside Funding

Stakeholder dues collected	\$80,000
How much funding is obtained from other sources to cover coalition operating expenses?	\$20,000
Non-DOE or ARRA grant and matching funds spent in 2019	\$6,968,655

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
AdMobil	Heavy-Duty	Biodiesel (20%)	6	100% of time	3,861 gal	33.8 tons
<p>Miles traveled per vehicle: 22,679 mi Average vehicle fuel economy: 8 MPG Market: Corporate Fleet Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Albemarle County	Light-Duty	E85 (blender pump)	6	100% of time	3,620 gal	14.1 tons
<p>Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Alsop Trucking	Heavy-Duty	Biodiesel (20%)	15	100% of time	29,638 gal	259.5 tons
<p>Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPG Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Appalachian Natural Gas Distribution	Heavy-Duty	CNG	2	100% of time	23,790 gal	20.0 tons
<p>Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: Utility Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Appalachian Natural Gas Distribution	Light-Duty	CNG	9	100% of time	3,936 gal	5.1 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 26 MPGe Market: Utility Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Augusta County	Light-Duty	Propane	8	100% of time	11,335 gal	16.0 tons
<p>Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 11 MPGe Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Bioride	Light-Duty	Biodiesel (20%)	7	100% of time	6,836 gal	62.5 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: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Blacksburg Virginia	Heavy-Duty	Biodiesel (20%)	10	100% of time	2,843 gal	24.9 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 12 MPG Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Blacksburg Virginia	Light-Duty	Biodiesel (20%)	25	100% of time	7,108 gal	65.0 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 12 MPG Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Blacksburg Virginia	Light-Duty	E85	15	100% of time	5,752 gal	22.4 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						
Blue Ridge Parkway	Light-Duty	E85 (blender pump)	23	100% of time	26,348 gal	102.8 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 8 MPG Market: National Parks Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Blue Ridge Parkway	Light-Duty	Propane	4	100% of time	13,605 gal	19.2 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 5 MPGge Market: National Parks Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No						
Charlottesville municipal/schools	Heavy-Duty	Biodiesel (20%)	50	100% of time	125,444 gal	1,098.5 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 3 MPG Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Charlottesville municipal/schools	Heavy-Duty	CNG	2	100% of time	3,794 gal	3.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Charlottesville municipal/schools	Light-Duty	Biodiesel (20%)	15	100% of time	1,419 gal	13.0 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						
Charlottesville municipal/schools	Light-Duty	CNG	5	100% of time	2,369 gal	3.1 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						
Charlottesville municipal/schools	Light-Duty	E85 (blender pump)	7	100% of time	2,684 gal	10.5 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						
Chesterfield County Fleet Management	Heavy-Duty	Propane	28	100% of time	59,012 gal	23.1 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Virginia provided a vehicle incentive for the incremental cost of purchasing these vehicles - that program was administered by Virginia Clean Cities. This is the largest propane school fleet in Virginia.</i>						
Chesterfield County Fleet Management	Light-Duty	E85	100	100% of time	40,144 gal	156.6 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 17 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Chesterfield County Fleet Management	Light-Duty	Propane	60	100% of time	28,425 gal	40.2 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						
City of Cheapeake	Heavy-Duty	CNG	52	100% of time	618,545 gal	520.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
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						
City of Cheapeake	Heavy-Duty	LNG	4	100% of time	47,580 gal	47.7 tons
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						
City of Cheapeake	Light-Duty	CNG	1	100% of time	474 gal	0.6 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						
City of Chesapeake	Light-Duty	E85	434	100% of time	4,405,999 gal	17,187.8 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						
City Of Chesapeake	Light-Duty	Propane	23	100% of time	14,775 gal	20.9 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lynchburg	Heavy-Duty	Biodiesel (20%)	18	100% of time	35,565 gal	311.4 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPG Market: Utility Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Manassas	Heavy-Duty	E85	87	100% of time	340,836 gal	837.6 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						
City of Manassas	Light-Duty	CNG	1	100% of time	474 gal	0.6 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						
City of Manassas	Light-Duty	E85	111	100% of time	47,068 gal	183.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Manassas	Light-Duty	Propane	3	100% of time	1,569 gal	2.2 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Norfolk - Municipal	Light-Duty	CNG	6	100% of time	6,064 gal	7.9 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 15 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Norfolk - Municipal	Light-Duty	E85	153	100% of time	43,271 gal	168.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Norfolk - Municipal	Light-Duty	Propane	21	100% of time	12,245 gal	17.3 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 26 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Richmond	Heavy-Duty	CNG	30	100% of time	376,332 gal	316.9 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Richmond	Light-Duty	CNG	76	100% of time	36,005 gal	46.6 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						
City of Roanoke Municipal	Heavy-Duty	Biodiesel (20%)	152	100% of time	333,360 gal	2,919.2 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						
City of Roanoke Municipal	Heavy-Duty	Propane	8	100% of time	39,061 gal	15.3 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: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Roanoke Municipal	Light-Duty	Biodiesel (20%)	28	100% of time	2,429 gal	22.2 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 29 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Roanoke Municipal	Light-Duty	Propane	13	100% of time	6,800 gal	9.6 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Staunton, Public Works	Heavy-Duty	Biodiesel (20%)	56	100% of time	133,225 gal	1,166.7 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						
City of Staunton, Public Works	Light-Duty	E85	66	100% of time	25,310 gal	98.7 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						
City of Virginia Beach	Heavy-Duty	Propane	40	100% of time	557,529 gal	218.6 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Virginia Beach	Light-Duty	CNG	2	100% of time	2,834 gal	3.7 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 11 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Virginia Beach	Light-Duty	E85	382	100% of time	146,488 gal	571.5 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Clark Gas and Oil	Light-Duty	CNG	6	100% of time	2,843 gal	3.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Colonial Williamsburg	Heavy-Duty	CNG	16	100% of time	78,121 gal	65.8 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						
Colonial Williamsburg	Light-Duty	CNG	4	100% of time	5,667 gal	7.3 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 11 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Culpeper County	Light-Duty	Propane	18	100% of time	8,528 gal	12.1 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						
Danville Transit	Heavy-Duty	Propane	6	100% of time	75,266 gal	29.5 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Department of State Police	Light-Duty	E85	429	100% of time	164,512 gal	641.8 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						
Dominion Virginia Power	Heavy-Duty	Biodiesel (20%)	802	100% of time	1,907,975 gal	16,708.1 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
Dominion Virginia Power	Heavy-Duty	E85	7	100% of time	67,962 gal	167.0 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 4 MPG Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Dominion Virginia Power	Light-Duty	Biodiesel (20%)	11	100% of time	1,040 gal	9.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Dominion Virginia Power	Light-Duty	E85	874	100% of time	335,159 gal	1,307.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Fairfax County Municipal	Light-Duty	E85	735	100% of time	311,664 gal	1,215.8 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
First Piedmont Corporation	Heavy-Duty	CNG	10	100% of time	118,951 gal	100.2 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
Frederick County	Light-Duty	Propane	11	100% of time	5,211 gal	7.4 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						
Frito Lay	Heavy-Duty	CNG	15	100% of time	178,427 gal	150.2 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
George Washington Birthplace National Monument	Light-Duty	Propane	9	100% of time	3,198 gal	4.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
Gloucester County Schools	Heavy-Duty	Biodiesel (20%)	113	100% of time	50,012 gal	438.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Gloucester County Schools	Heavy-Duty	Propane	8	100% of time	15,174 gal	5.9 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Gloucester County Schools	Light-Duty	Biodiesel (20%)	4	100% of time	378 gal	3.5 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						
Greater Richmond Transit Company	Heavy-Duty	CNG	61	100% of time	725,601 gal	611.0 tons
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						
Greater Richmond Transit Company	Light-Duty	Biodiesel (20%)	4	100% of time	378 gal	3.5 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						
Greater Richmond Transit Company	Light-Duty	CNG	96	100% of time	45,480 gal	58.9 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						
Groome Transportation	Light-Duty	Propane	13	100% of time	8,959 gal	12.7 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 17 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Halifax County Schools	Heavy-Duty	Propane	18	100% of time	34,142 gal	13.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Hampton Roads Transit	Heavy-Duty	Biodiesel (20%)	2	100% of time	4,758 gal	41.7 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						
Hampton Roads Transit	Heavy-Duty	Propane	35	100% of time	170,890 gal	67.0 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						
James City County - Municipal	Heavy-Duty	Biodiesel (20%)	25	100% of time	59,476 gal	520.8 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						
James City County - Municipal	Light-Duty	Biodiesel (20%)	108	100% of time	10,216 gal	93.5 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						
James City County - Municipal	Light-Duty	CNG	4	100% of time	2,092 gal	2.7 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James City County - Municipal	Light-Duty	E85	34	100% of time	13,038 gal	50.9 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						
James City County - Municipal	Light-Duty	Propane	2	100% of time	948 gal	1.3 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 MPGe Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
James City County - Schools	Light-Duty	E85	29	100% of time	11,121 gal	43.4 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						
James Madison University	Heavy-Duty	E85	2	100% of time	5,207 gal	12.8 tons
Miles traveled per vehicle: 22,679 mi Average vehicle fuel economy: 5 MPG Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
James Madison University	Light-Duty	E85	123	100% of time	47,168 gal	184.0 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						
James Madison University	Light-Duty	Propane	14	100% of time	7,323 gal	10.4 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGe Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James River Petroleum	Heavy-Duty	Biodiesel (20%)	13	100% of time	30,927 gal	270.8 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
J Sergeant Reynolds Community College	Light-Duty	E85	3	100% of time	1,272 gal	5.0 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 16 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
King & Queen County Schools	Heavy-Duty	Biodiesel (20%)	33	25% of time	3,130 gal	27.4 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets 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	25,442 gal	99.2 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 16 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Loudoun County	Light-Duty	E85	900	100% of time	345,130 gal	1,346.4 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						
Metropolitan Washington Airports Authority	Heavy-Duty	CNG	6	100% of time	29,295 gal	24.7 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Metropolitan Washington Airports Authority	Light-Duty	CNG	9	100% of time	4,264 gal	5.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGe Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Metropolitan Washington Airports Authority	Light-Duty	E85	12	100% of time	4,602 gal	18.0 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Newport News - City	Heavy-Duty	Biodiesel (20%)	253	100% of time	247,059 gal	2,163.5 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						
Newport News - City	Heavy-Duty	Propane	175	100% of time	854,452 gal	334.9 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						
Newport News - City	Light-Duty	Biodiesel (20%)	285	100% of time	26,958 gal	246.7 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: 27 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Newport News - City	Light-Duty	E85	315	100% of time	120,795 gal	471.2 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						
Newport News - City	Light-Duty	Propane	28	100% of time	13,265 gal	18.8 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						
Norfolk Botanical Gardens	Heavy-Duty	Biodiesel (20%)	1	100% of time	1,976 gal	17.3 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPG Market: National Parks Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
Norfolk Botanical Gardens	Heavy-Duty	Biodiesel (20%)	2	100% of time	3,952 gal	34.6 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPG Market: National Parks Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
Norfolk Public Schools	Light-Duty	CNG	3	100% of time	1,421 gal	1.8 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						
Norfolk Public Schools	Light-Duty	E85	15	100% of time	5,752 gal	22.4 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						
Norfolk Public Schools	Light-Duty	Propane	5	100% of time	2,369 gal	3.3 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Northumberland County Public Schools	Heavy-Duty	Biodiesel (20%)	33	100% of time	12,519 gal	109.6 tons
<p>Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Old Dominion University	Heavy-Duty	Biodiesel (20%)	5	100% of time	4,883 gal	42.8 tons
<p>Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Old Dominion University	Heavy-Duty	E85	20	100% of time	52,686 gal	129.5 tons
<p>Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Old Dominion University	Light-Duty	CNG	5	100% of time	2,369 gal	3.1 tons
<p>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</p>						
Old Dominion University	Light-Duty	E85	20	100% of time	7,670 gal	29.9 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Phillips Oil & Gas	Heavy-Duty	Propane	1	100% of time	4,883 gal	1.9 tons
<p>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</p>						
Phillips Oil & Gas	Light-Duty	E85	2	100% of time	767 gal	3.0 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Phillips Oil & Gas	Light-Duty	Propane	4	100% of time	1,895 gal	2.7 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Prince William County	Light-Duty	E85	500	100% of time	191,739 gal	748.0 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						
Prince William County	Light-Duty	Propane	5	100% of time	2,369 gal	3.3 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						
Range Resources	Light-Duty	CNG	162	100% of time	76,748 gal	99.4 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Reco Biodiesel	Heavy-Duty	Biodiesel (20%)	7	100% of time	2,713 gal	23.8 tons
Miles traveled per vehicle: 12,958 mi Average vehicle fuel economy: 7 MPG Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
Reco Biodiesel	Light-Duty	Biodiesel (20%)	1	100% of time	95 gal	0.9 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Revere Gas	Heavy-Duty	Propane	3	100% of time	14,648 gal	5.7 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: No						
Revere Gas	Light-Duty	Propane	4	100% of time	1,895 gal	2.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Richmond Public Utilities	Light-Duty	CNG	52	100% of time	24,635 gal	31.9 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Roanoke County Public Schools	Heavy-Duty	Biodiesel (20%)	137	100% of time	51,972 gal	455.1 tons
<p>Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Roanoke County Public Schools	Heavy-Duty	Propane	23	100% of time	112,299 gal	44.0 tons
<p>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</p>						
Schwan's - Medium-duty Propane	Heavy-Duty	Propane	38	150,168 gal	102,309 gal	40.1 tons
<p>Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes <i>Includes 2 Light HD Class 3 vehicles.</i></p>						
Spotsylvania County	Heavy-Duty	E85	8	100% of time	20,829 gal	51.2 tons
<p>Miles traveled per vehicle: 22,679 mi Average vehicle fuel economy: 5 MPG Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Spotsylvania County	Heavy-Duty	Propane	32	100% of time	156,243 gal	61.2 tons
<p>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 <i>Number expected in increase in the next year</i></p>						
Spotsylvania County	Light-Duty	E85	98	100% of time	37,581 gal	146.6 tons
<p>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 <i>Considering expanding E85 station resources</i></p>						
Spotsylvania County	Light-Duty	Propane	47	100% of time	22,266 gal	31.5 tons
<p>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</p>						
State Farm Insurance	Light-Duty	E85	267	100% of time	102,388 gal	399.4 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: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Unconfirmed exact number</i>						
St. Catherine's School	Heavy-Duty	CNG	6	100% of time	11,381 gal	9.6 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
St. Catherine's School	Heavy-Duty	E85	1	100% of time	1,524 gal	3.7 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 5 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Considering scrapping, is not seeing the value they expected. Would switch to more CNG.</i>						
St. Catherine's School	Light-Duty	CNG	5	100% of time	2,369 gal	3.1 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 <i>Prefers over their E85 fleet</i>						
St. Catherine's School	Light-Duty	E85	1	100% of time	383 gal	1.5 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 <i>Considering scrapping, not seeing the value they expected. Would switch to more CNG.</i>						
SuperValu Mechanicsville Center	Heavy-Duty	Biodiesel (20%)	105	100% of time	249,797 gal	2,187.5 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Targeting expansion in the future</i>						
SuperValu Mechanicsville Center	Heavy-Duty	CNG	65	100% of time	773,182 gal	651.0 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
TFC Recycling	Heavy-Duty	CNG	25	100% of time	172,886 gal	145.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 70% National Clean Fleets Partnership: No <i>New contact needed to confirm exact numbers</i>						
University of Virginia - Facilities	Heavy-Duty	Biodiesel (20%)	30	100% of time	71,371 gal	625.0 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
University of Virginia - Facilities	Light-Duty	Biodiesel (20%)	20	100% of time	1,892 gal	17.3 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						
University of Virginia - Facilities	Light-Duty	Propane	16	100% of time	11,026 gal	15.6 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 17 MPGe Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Planning expansion in the next year</i>						
University of Virginia - Transportation	Heavy-Duty	Biodiesel (20%)	34	100% of time	33,202 gal	290.7 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						
University of Virginia - Transportation	Light-Duty	CNG	7	100% of time	3,316 gal	4.3 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGe Market: Government - Federal Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Also has forklifts and mowers</i>						
University of Virginia - Transportation	Light-Duty	E85	2	100% of time	2,291 gal	8.9 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 8 MPG Market: Government - State Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
UPS - Heavy-duty CNG	Heavy-Duty	CNG	193	1,256,513 GGE	1,130,862 gal	952.2 tons
<p>Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: Yes</p> <p><i>This includes class 4-6 package delivery trucks and class 7-8 tractors</i></p>						
US Air Force	Heavy-Duty	Biodiesel (20%)	162	100% of time	385,401 gal	3,375.0 tons
<p>Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPG Market: Government - Federal Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
US Air Force	Light-Duty	Biodiesel (20%)	43	100% of time	4,067 gal	37.2 tons
<p>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</p>						
US Air Force	Light-Duty	CNG	6	100% of time	2,843 gal	3.7 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGe Market: Government - Federal Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
US Air Force	Light-Duty	E85	55	100% of time	21,091 gal	82.3 tons
<p>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</p>						
US Army - Ft. Eustis	Light-Duty	Biodiesel (20%)	45	100% of time	4,257 gal	38.9 tons
<p>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</p>						
US Army - Ft. Eustis	Light-Duty	E85	92	100% of time	35,280 gal	137.6 tons
<p>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</p>						
US Army - Ft Lee	Heavy-Duty	Biodiesel (20%)	2	100% of time	4,758 gal	41.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPG Market: Government - Federal Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
US Army - Ft Lee	Light-Duty	CNG	2	100% of time	948 gal	1.2 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						
US Army - Ft Lee	Light-Duty	E85	175	100% of time	67,109 gal	261.8 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						
US Federal Fleets Other	Light-Duty	CNG	3	100% of time	1,421 gal	1.8 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						
US Federal Fleets Other	Light-Duty	E85	4,733	50% of time	680,624 gal	2,655.1 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
US Federal Fleets Other	Light-Duty	Propane	4	100% of time	1,421 gal	2.0 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
US Lawns	Heavy-Duty	CNG	14	100% of time	27,125 gal	22.8 tons
Miles traveled per vehicle: 12,958 mi Average vehicle fuel economy: 7 MPGde Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
US Lawns	Light-Duty	Propane	16	100% of time	8,369 gal	11.8 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
<i>Mowers</i>						
US Lawns	Light-Duty	Propane	2	100% of time	948 gal	1.3 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: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Vehicles</i>						
US Navy	Heavy-Duty	Biodiesel (20%)	538	100% of time	1,279,913 gal	11,208.2 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPG Market: Government - Federal Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
US Navy	Light-Duty	Biodiesel (20%)	211	100% of time	19,959 gal	182.6 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						
US Navy	Light-Duty	CNG	1	100% of time	474 gal	0.6 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						
US Navy	Light-Duty	E85	2,285	100% of time	876,246 gal	3,418.2 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						
VA Department of Mines, Minerals, and Energy	Heavy-Duty	Biodiesel (20%)	2	100% of time	1,172 gal	10.3 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 60% National Clean Fleets Partnership: No						
VA Department of Mines, Minerals, and Energy	Heavy-Duty	CNG	10	100% of time	71,371 gal	60.1 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: Government - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 60% National Clean Fleets Partnership: No						
VA Department of Mines, Minerals, and Energy	Heavy-Duty	E85	2	100% of time	11,651 gal	28.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 4 MPG Market: Government - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 60% National Clean Fleets Partnership: No						
VA Department of Mines, Minerals, and Energy	Light-Duty	CNG	10	100% of time	2,843 gal	3.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 60% National Clean Fleets Partnership: No						
VA Department of Mines, Minerals, and Energy	Light-Duty	Propane	19	100% of time	5,963 gal	8.4 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 60% National Clean Fleets Partnership: No						
VA Eagle Distributing	Heavy-Duty	Propane	4	100% of time	19,530 gal	7.7 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: No						
VA Eagle Distributing	Light-Duty	E85	75	100% of time	28,761 gal	112.2 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
VA Eagle Distributing	Light-Duty	Propane	150	100% of time	71,063 gal	100.4 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Reported as "smaller vehicles" unclear exactly what kind of vehicles these are</i>						
Van Go Transportation Service	Light-Duty	Propane	51	100% of time	35,146 gal	49.7 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 17 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach Public Schools	Heavy-Duty	Biodiesel (15%)	819	100% of time	233,022 gal	2,040.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach Public Schools	Heavy-Duty	CNG	4	100% of time	50,178 gal	42.2 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach Public Schools	Light-Duty	Biodiesel (10%)	3	100% of time	206 gal	1.9 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 19 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach Public Schools	Light-Duty	CNG	1	100% of time	474 gal	0.6 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGe Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach Public Schools	Light-Duty	Propane	2	100% of time	1,046 gal	1.5 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGe Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Forklifts</i>						
Virginia Commonwealth University	Heavy-Duty	E85	9	100% of time	61,166 gal	150.3 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 4 MPG Market: Government - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 70% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Heavy-Duty	Propane	5	100% of time	16,086 gal	6.3 tons
Miles traveled per vehicle: 22,679 mi Average vehicle fuel economy: 8 MPGde Market: Government - State Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	CNG	1	100% of time	474 gal	0.6 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: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	E85	107	100% of time	59,839 gal	233.4 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 13 MPG Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	Propane	4	100% of time	2,092 gal	3.0 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	Propane	4	100% of time	1,465 gal	2.1 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 70% National Clean Fleets Partnership: No <i>Mowers</i>						
Virginia Department of Environmental Quality	Light-Duty	CNG	1	100% of time	474 gal	0.6 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 <i>Reduction a result of entire fleet downsizing</i>						
Virginia Department of Environmental Quality	Light-Duty	E85	32	100% of time	13,569 gal	52.9 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 16 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Reduction as a result of entire fleet downsizing</i>						
Virginia Department of Environmental Quality	Light-Duty	Propane	16	100% of time	5,306 gal	7.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 70% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Virginia Department of General Services	Light-Duty	CNG	4	100% of time	1,895 gal	2.5 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						
Virginia Department of General Services	Light-Duty	E85	3,361	100% of time	1,288,867 gal	5,027.9 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						
Virginia Department of Transportation	Light-Duty	E85	158	100% of time	60,589 gal	236.4 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						
Virginia Department of Transportation	Light-Duty	Propane	10	100% of time	4,738 gal	6.7 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						
Virginia International Terminals	Heavy-Duty	Biodiesel (20%)	103	100% of time	100,581 gal	880.8 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia International Terminals	Light-Duty	E85	10	100% of time	3,835 gal	15.0 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia International Terminals	Light-Duty	Propane	90	100% of time	42,638 gal	60.3 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Natural Gas	Light-Duty	CNG	48	100% of time	22,740 gal	29.5 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: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Natural Gas	Light-Duty	CNG	2	100% of time	1,046 gal	1.4 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Forklifts</i>						
Virginia Natural Gas	Light-Duty	E85	60	100% of time	23,009 gal	89.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Natural Gas	Light-Duty	Propane	2	100% of time	948 gal	1.3 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Premier Healthcare	Light-Duty	CNG	6	100% of time	4,135 gal	5.4 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 17 MPGge Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Premier Healthcare	Light-Duty	Propane	22	100% of time	10,423 gal	14.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Tech Facilites	Light-Duty	E85	329	100% of time	183,990 gal	717.7 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 13 MPG Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Washington and Lee University	Light-Duty	Biodiesel (20%)	7	100% of time	662 gal	6.1 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Washington and Lee University	Light-Duty	E85	26	100% of time	9,970 gal	38.9 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Washington Gas	Light-Duty	CNG	162	100% of time	312,193 gal	404.4 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 6 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Waste Industries	Heavy-Duty	CNG	27	100% of time	321,168 gal	270.4 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
Waste Industries	Light-Duty	E85 (blender pump)	1	100% of time	383 gal	1.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Waste Management - Heavy-duty CNG	Heavy-Duty	CNG	102	752,410 GGE	677,169 gal	570.2 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Williamsburg Area Transit Authority	Heavy-Duty	CNG	16	100% of time	51,474 gal	43.3 tons
Miles traveled per vehicle: 22,679 mi Average vehicle fuel economy: 8 MPGde Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
Williamsburg Area Transit Authority	Light-Duty	CNG	16	100% of time	7,580 gal	9.8 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						
York County	Light-Duty	E85	44	100% of time	16,873 gal	65.8 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						
Total:			24,240		24,570,676 gal	94,699 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced	
Albemarle County Average vehicle fuel economy: 52 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -						
	Light-Duty	HEV	18	4,592 gal	56.6 tons	
Altria Client Services Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -						
	Light-Duty	Electric	1	474 gal	2.5 tons	
Altria Client Services Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -						
	Light-Duty	HEV	114	10,802 gal	133.0 tons	
Belmont Golf Course Average electric fuel economy: 36 kWh/100mi Miles traveled per vehicle per year: 11,507 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>All golf carts</i>						
	Light-Duty	Electric	61	28,077 gal	145.9 tons	
Blacksburg Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 25,594 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -						
	Heavy-Duty	HEV	9	18,456 gal	227.3 tons	
Blacksburg Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 25,594 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -						
	Light-Duty	HEV	10	948 gal	11.7 tons	

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Blue Ridge Parkway	Light-Duty	HEV	3	284 gal	3.5 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: National Parks Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Charlottesville - Municipal/schools	Light-Duty	Electric	6	8,501 gal	44.2 tons
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 15,160 mi Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Charlottesville - Municipal/schools	Light-Duty	HEV	47	3,181 gal	39.2 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Chesterfield County Fleet Management	Light-Duty	Electric	2	948 gal	4.9 tons
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Chesterfield County Fleet Management	Light-Duty	HEV	8	758 gal	9.3 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Chesapeake	Light-Duty	Electric	5	2,369 gal	12.3 tons
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Chesapeake	Light-Duty	HEV	51	3,452 gal	42.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Lynchburg	Heavy-Duty	HEV	4	8,203 gal	101.0 tons
<p>Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 25,594 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Lynchburg	Light-Duty	HEV	4	251 gal	3.1 tons
<p>Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,507 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Manassas	Heavy-Duty	HEV	8	47,623 gal	586.6 tons
<p>Average vehicle fuel economy: 14 MPG Miles traveled per vehicle per year: 63,428 mi Market: Government - Local Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Manassas	Light-Duty	Electric	1	474 gal	2.5 tons
<p>Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Manassas	Light-Duty	HEV	8	541 gal	6.7 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Norfolk - Municipal	Light-Duty	Electric	3	1,569 gal	8.2 tons
<p>Average electric fuel economy: 15 kWh/100mi Miles traveled per vehicle per year: 11,507 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
<p><i>Forklifts, Plan to purchase more throughout the next year</i></p>					
City of Richmond	Light-Duty	HEV	3	284 gal	3.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Roanoke Municipal	Light-Duty	Electric	17	7,159 gal	37.2 tons
<p>Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Roanoke Municipal	Light-Duty	HEV	16	1,083 gal	13.3 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p> <p><i>Plans to purchase 10 new LD EVs and 3 new HD EVs along with installing more chargers.</i></p>					
City of Virginia Beach	Light-Duty	Electric	3	1,421 gal	7.4 tons
<p>Average electric fuel economy: 36 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
City of Virginia Beach	Light-Duty	HEV	82	11,301 gal	139.2 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
College of William and Mary	Light-Duty	Electric	13	6,159 gal	32.0 tons
<p>Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Dominion Virginia Power	Heavy-Duty	HEV	5	3,539 gal	43.6 tons
<p>Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 22,679 mi Market: Corporate Fleet Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Dominion Virginia Power	Light-Duty	Electric	1	474 gal	2.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Dominion Virginia Power	Light-Duty	HEV	45	4,264 gal	52.5 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Electrify America	Light-Duty	Electric	9	4,264 gal	22.2 tons
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Excel Heating and Cooling	Light-Duty	HEV	9	1,885 gal	23.2 tons
<p>Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,991 mi Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Frederick County	Light-Duty	HEV	3	284 gal	3.5 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
George Washington Birthplace National Monument	Light-Duty	HEV	3	284 gal	3.5 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Greater Richmond Transit Company	Light-Duty	Electric	2	948 gal	4.9 tons
<p>Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Groome Transportation	Light-Duty	HEV	7	756 gal	9.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,048 mi Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Hampton Roads Sanitation district	Light-Duty	HEV	12	227 gal	2.8 tons
<p>Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Hampton Roads Transit	Heavy-Duty	HEV	42	330,684 gal	4,073.3 tons
<p>Average vehicle fuel economy: 15 MPG Miles traveled per vehicle per year: 31,285 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
James City County - Municipal	Light-Duty	Electric	22	25,315 gal	131.6 tons
<p>Average electric fuel economy: 15 kWh/100mi Miles traveled per vehicle per year: 11,507 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
James Madison University	Heavy-Duty	HEV	1	569 gal	7.0 tons
<p>Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 12,000 mi Market: Government - State Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
James Madison University	Light-Duty	Electric	3	1,421 gal	7.4 tons
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
James Madison University	Light-Duty	HEV	20	1,354 gal	16.7 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
James River Petroleum	Light-Duty	HEV	2	190 gal	2.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
J Sergeant Reynolds Community College	Light-Duty	Electric	2	1,046 gal	5.4 tons
<p>Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,507 mi Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
J Sergeant Reynolds Community College	Light-Duty	HEV	3	188 gal	2.3 tons
<p>Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,507 mi Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Liberty University	Light-Duty	Electric	4	1,895 gal	9.8 tons
<p>Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Loudoun County	Light-Duty	HEV	60	5,685 gal	70.0 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Metropolitan Washington Airports Authority	Light-Duty	HEV	4	271 gal	3.3 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Misc GEM EV Sales	Light-Duty	Electric	6	2,843 gal	14.8 tons
<p>Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Mount Vernon	Light-Duty	Electric	14	6,633 gal	34.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Norfolk Botanical Gardens	Light-Duty	Electric	20	9,475 gal	49.2 tons
<p>Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: National Parks Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Other Registered Electric Vehicles Virginia	Light-Duty	Electric	841	417,120 gal	2,168.0 tons
<p>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: -</p> <p><i>This is a total of registered electric vehicles in Virginia other than those that were reported elsewhere. This represents 20% of the 4,208 total electric vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts.</i></p>					
Other Registered Hybrid Electric Vehicles	Light-Duty	HEV	7,711	2,041,254 gal	25,143.6 tons
<p>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: -</p> <p><i>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 110,161 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.</i></p>					
Other Register Plug-In Hybrid Electric Vehicles	Light-Duty	PHEV	412	133,499 gal	693.9 tons
<p>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: -</p> <p><i>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 5,889 total plug-in hybrid electric vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts.</i></p>					
Prince William County	Light-Duty	HEV	12	812 gal	10.0 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Prince William County Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -	Light-Duty	HEV	12	812 gal	10.0 tons
Richfield Retirement Center Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>Plans to increase fleet size in the future include more electric vehicles</i>	Light-Duty	Electric	5	2,369 gal	12.3 tons
RVATukTuk Average electric fuel economy: 21 kWh/100mi Miles traveled per vehicle per year: 11,507 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>All electric vehicles are electric TukTuks</i>	Light-Duty	Electric	4	2,092 gal	10.9 tons
Shenandoah National Park Average electric fuel economy: 28 kWh/100mi 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: -	Light-Duty	Electric	11	5,211 gal	27.1 tons
Spotsylvania County Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -	Light-Duty	HEV	1	95 gal	1.2 tons
State Farm Insurance Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -	Light-Duty	HEV	9	853 gal	10.5 tons
University of Virginia - Transportation Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -	Light-Duty	Electric	2	948 gal	4.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
University of Virginia - Transportation Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -	Light-Duty	HEV	3	57 gal	0.7 tons
US Air Force Average electric fuel economy: 26 kWh/100mi 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: -	Light-Duty	Electric	2	948 gal	4.9 tons
US Air Force Average vehicle fuel economy: 25 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: -	Light-Duty	HEV	1	19 gal	0.2 tons
US Army - Ft. Eustis Average electric fuel economy: 26 kWh/100mi 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: -	Light-Duty	Electric	11	5,211 gal	27.1 tons
US Army - Ft. Eustis Average vehicle fuel economy: 28 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: -	Light-Duty	HEV	11	744 gal	9.2 tons
US Army - Ft Lee Average electric fuel economy: 28 kWh/100mi 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: -	Light-Duty	Electric	31	14,686 gal	76.3 tons
US Army - Ft Lee Average vehicle fuel economy: 30 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: -	Light-Duty	HEV	3	284 gal	3.5 tons
US Navy	Light-Duty	Electric	214	101,383 gal	526.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average electric fuel economy: 30 kWh/100mi 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: -</p>					
US Navy	Light-Duty	HEV	255	17,258 gal	212.6 tons
<p>Average vehicle fuel economy: 28 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: -</p>					
VA Distributing	Heavy-Duty	HEV	45	90,470 gal	1,114.4 tons
<p>Average vehicle fuel economy: 7 MPG Miles traveled per vehicle per year: 63,428 mi Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
<i>Caley created this project and removed the Hydrogen one, after Ellen confirmed with Allyn. 7/30/2020</i>					
VA Eagle Distributing	Heavy-Duty	Electric	30	132,383 gal	530.1 tons
<p>Average electric fuel economy: 10 kWh/100mi Miles traveled per vehicle per year: 25,594 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
<i>Forklifts</i>					
VA Eagle Distributing	Light-Duty	Electric	150	78,457 gal	407.8 tons
<p>Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,507 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Virginia Beach Public Schools	Light-Duty	Electric	3	2,067 gal	10.7 tons
<p>Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,991 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Virginia Beach Public Schools	Light-Duty	HEV	3	203 gal	2.5 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Virginia Commonwealth University	Heavy-Duty	HEV	3	225 gal	2.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -					
Virginia Commonwealth University	Light-Duty	Electric	4	2,092 gal	10.9 tons
Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,507 mi Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -					
Virginia Commonwealth University	Light-Duty	HEV	4	251 gal	3.1 tons
Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,507 mi Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -					
Virginia Department of Environmental Quality	Light-Duty	HEV	4	251 gal	3.1 tons
Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,507 mi Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -					
<i>Rightsizing fleet project was undertaken in this year</i>					
Virginia Department of General Services	Light-Duty	Electric	1	474 gal	2.5 tons
Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -					
Virginia Department of General Services	Light-Duty	HEV	4	271 gal	3.3 tons
Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -					
Virginia International Terminals	Heavy-Duty	HEV	2	1,416 gal	17.4 tons
Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 22,679 mi Market: Corporate Fleet Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -					
Virginia International Terminals	Light-Duty	HEV	10	677 gal	8.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Virginia Port Authority	Heavy-Duty	HEV	3	14,631 gal	180.2 tons
<p>Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 63,428 mi Market: Government - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Virginia Port Authority	Light-Duty	HEV	2	288 gal	3.5 tons
<p>Average vehicle fuel economy: 22 MPG Miles traveled per vehicle per year: 11,991 mi Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Virginia Tech Facilites	Light-Duty	Electric	14	6,633 gal	34.5 tons
<p>Average electric fuel economy: 26 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Virginia Tech Facilites	Light-Duty	HEV	11	744 gal	9.2 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Washington and Lee University	Light-Duty	Electric	5	2,369 gal	12.3 tons
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Westminister Canterbury	Light-Duty	Electric	19	9,001 gal	46.8 tons
<p>Average electric fuel economy: 28 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Williamsburg Area Transit Authority	Light-Duty	Electric	2	2,834 gal	14.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average electric fuel economy: 15 kWh/100mi Miles traveled per vehicle per year: 15,160 mi Market: Corporate Fleet Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Williamsburg Area Transit Authority	Light-Duty	HEV	3	1,002 gal	12.3 tons
<p>Average vehicle fuel economy: 14 MPG Miles traveled per vehicle per year: 15,160 mi Market: Corporate Fleet Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
York County	Light-Duty	HEV	7	133 gal	1.6 tons
<p>Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p>					
Total:			10,676	3,665,924 gal	37,655 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	500	75,000 mi	3,457,716 gal	42,876.3 tons
<p>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</p> <p><i>This represents the cumulative total volume of dray truck port operators that we have improved through the years of the Green Operator Program</i></p>						
Total:			500	75,000 mi	3,457,716 gal	42,876 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Bay Transit	Route Optimization	Heavy-Duty	4,426 gal	54.9 tons
<p>Fuel saved: 8,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No</p> <p><i>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.</i></p>				
Blacksburg Transit	Route Optimization	Heavy-Duty	44,812 gal	555.7 tons
<p>Fuel saved: 81,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No</p> <p><i>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.</i></p>				

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
BRITE Transit Fuel saved: 13,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	7,192 gal	89.2 tons
Charlottesville Area Transit Fuel saved: 97,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	53,664 gal	665.4 tons
Danville Transit System Fuel saved: 17,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	9,405 gal	116.6 tons
Four County Transit Fuel saved: 7,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	3,873 gal	48.0 tons
Fredericksburg Regional Transit Fuel saved: 15,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	8,299 gal	102.9 tons
Greater Lynchburg Transit Company Fuel saved: 119,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	65,835 gal	816.4 tons
Greater Roanoke Transit company, Valley Metro Fuel saved: 143,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	79,113 gal	981.0 tons
GRTC Transit Fuel saved: 729,000 gallons Percentage from coalition: 20% National Clean Fleets Partnership: No <i>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.</i>	Route Optimization	Heavy-Duty	161,323 gal	2,000.4 tons
Hampton Roads Transit	Route Optimization	Heavy-Duty	475,228 gal	5,892.9 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Fuel saved: 859,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Harrison Public Transit	Route Optimization	Heavy-Duty	28,768 gal	356.7 tons
Fuel saved: 52,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Hburg Pedicab	Non-motorized locomotion (e.g., bicycles)	Light-Duty	350 gal	4.3 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 20 MPG Number of vehicles driven less: 2 VMT project per vehicle being driven less: 3,500 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Represents impact of two pedal powered cabs operating part of the year in Harrisonburg Virginia. Is actual VMT reported by Harrisonburg Pedicab.</i>				
JAUNT	Route Optimization	Heavy-Duty	18,257 gal	226.4 tons
Fuel saved: 33,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
OmniRide	Route Optimization	Heavy-Duty	663,881 gal	8,232.3 tons
Fuel saved: 1,200,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Petersburg Area Transit	Route Optimization	Heavy-Duty	8,852 gal	109.8 tons
Fuel saved: 16,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Radford Transit	Route Optimization	Heavy-Duty	8,299 gal	102.9 tons
Fuel saved: 15,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Total Virginia Green Fleet Bikes	Non-motorized locomotion (e.g., bicycles)	Light-Duty	1,680 gal	20.7 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 <i>This represents fleet bikes used to replace car trips.</i>				
Virginia Regional Transit	Route Optimization	Heavy-Duty	6,086 gal	75.5 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Fuel saved: 11,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Washington Metro Area Transit Authority	Route Optimization	Heavy-Duty	10,954 gal	135.8 tons
Fuel saved: 19,800 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>Use of transit. This is reflecting fuel savings of 1.7 million passenger miles with stakeholder and Virginia Transit Association. Fuel savings is 19,800 gasoline gallons.</i>				
Williamsburg Area Transport	Route Optimization	Heavy-Duty	35,960 gal	445.9 tons
Fuel saved: 65,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Winchester Transit System	Route Optimization	Heavy-Duty	3,762 gal	46.6 tons
Fuel saved: 6,800 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No <i>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.</i>				
Total:			1,700,018 gal	21,080 tons

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
IdleAir	53	3,650 hrs/year	214,046 gal	2,288.0 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No				
Shore Power Near Lexington	24	2,400 hrs/year	63,733 gal	681.2 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No				
Total:	77		277,779 gal	2,969 tons

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Albemarle County Public Schools	14	59 mins/day 365 days/year	0 gal/hr	2,224 gal	27.6 tons
Type of project: Direct-fire heater Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					
Virginia Beach Public Schools	10	59 mins/day 365 days/year	0 gal/hr	1,589 gal	19.7 tons
Type of project: Direct-fire heater Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Total:	24			3,812 gal	47 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	0	0
CNG - Compressed Natural Gas	1	0
E85 - 85% Ethanol	3	1
Electric Charging Outlets: Level 1 & Level 2	31	0
Electric Charging Outlets: DC Fast Chargers	143	0
Hydrogen	0	0
LNG - Liquefied Natural Gas	0	0
Propane	1	0
Total:	179	1

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Solar Home Day 3 events	10/15/2019	Conference Participation	60%	300
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles Audience: General Public, Government, Utility</p> <p><i>VCC supported and attended several events related to Solar Home Tours. VCC director presented on clean fuel vehicles in Harrisonburg and facilitated vehicle demonstrations. VCC Deputy Director Wade presented in Alexandria and facilitated demonstrations.</i></p>				
EV Transit Webinar with DRPT and VTA	10/10/2019	Workshop Held By Coalition	100%	75
<p>Technology: Electric vehicles Audience: Government, Transit</p> <p><i>VCC and DRPT partnered to do a webinar on electric transit technologies and funding opportunities. VCC Director Harned helped plan the event and spoke on subject of EV funding and VCC Board Member Kate Staples spoke on EV plans from utility perspective. VCC is a member of VA Transit Association and vice-versa.</i></p>				
EVs and the Grid - LA California	09/30/2019, 10/01/2019, 10/02/2019	Conference Participation	60%	300
<p>Technology: Electric vehicles Audience: Government, Private Fleets, Utility, Other</p> <p><i>VCC Director Harned presented and served as the representative from the East Coast of the United States at the Electric Vehicles and the Grid conference in LA California.</i></p>				
Southside Electric Cooperative Annual BBQ	09/28/2019	Conference Participation	60%	1,000
<p>Technology: Electric vehicles Audience: General Public, Utility</p> <p><i>VCC drove two vehicles and organized delivery of an EV Motorcycle and EV Charging demonstration to Crew Virginia to present electric transportation to customers of Southside Electric Cooperative. VCC had a booth stocked of educational and demonstration materials.</i></p>				
Virginia Clean Energy Summit	09/17/2019	Conference Participation	40%	200

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Biodiesel, E85, Electric vehicles, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Utility <i>VCC stakeholders ran a summit on Clean Energy, VCC sponsored and attended conference and tabled.</i>				
Dominion/Governor EV-bus Announcement	08/29/2019	Media Event	40%	1,000
Technology: Electric vehicles Audience: General Public, Government, Utility <i>VCC stakeholder Dominion Energy announced a 50 Ev school bus pilot, as well as the plan to support the purchase of 13000 electric school buses in Virginia over the next decade.</i>				
Old Dominion Electric Cooperative Williamsburg	08/21/2019, 08/22/2019	Conference Participation	100%	300
Technology: Electric vehicles, Fuel economy improvements, Idle reduction Audience: Government, Utility <i>VCC Deputy Director attended this event, tabled and presented materials to interested electric utility partners.</i>				
Resilient Virginia Conference - Charlottesville	07/18/2019, 12/19/2019	Conference Participation	100%	500
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Utility, Other <i>VCC supported this event with outreach. VCC Director Harned built a track for this conference, stocking several lecture sessions with speakers and presenters. VCC Director tabled with clean fuel materials and demonstration vehicles.</i>				
Clean Cars Press Event	06/25/2019	Media Event	75%	750
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles Audience: General Public, Government <i>VCC live streamed, promoted, and spoke at this event which presented Virginia's support for highway vehicle fuel standards to reduce pollution.</i>				
Party for the Planet and 5K Race Without a Trace	04/28/2019	Conference Participation	10%	500
Technology: Electric vehicles, Idle reduction Audience: General Public <i>VCC supported electric vehicle demo and worked in partnership with Drive Electric RVA. At this event EV owners interacted directly with more than 120 people.</i>				
Sustainable Fleet Technology Conference & Expo 2019	08/07/2019, 08/08/2019	Conference Participation	60%	300
Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>VCC Director attended with VCC demonstration vehicles. VCC Director moderated a session and supported a Clean Cities booth on the show floor.</i>				
Green Travel Conference - Harrisonburg Virginia	04/24/2019	Conference Participation	60%	200
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: <i>VCC is a partner with the Virginia Green Travel Association. VCC facilitated alternative fuel vehicle demonstrations, had a booth of materials, Director Harned moderated a full session and Harned also presented in a session with fleet managers and pedal transportation advocates. Event was at Hotel Madison in Harrisonburg VA which VCC supported and facilitated installation of two electric vehicle chargers.</i>				
National Harbor Ribbon Cutting	04/23/2019	Media Event	50%	750
Technology: E85 Audience: General Public, Government, Private Fleets, Other <i>VCC attended and supported the ribbon cutting event for Royal Farms E85 station at National Harbor in Maryland - this was part of our Biofuels Implementation Project funded by U.S. Department of Agriculture.</i>				
Southside Electric Cooperative	04/12/2019	Conference Participation	100%	75

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles Audience: Utility <i>VCC was guest booth at Southside Electric Cooperative event at Hooper Park in Crew Virginia for SEC staff - VCC had table of EV materials and a demonstration vehicle.</i>				
Renewable Energy Conference TOMTOM	04/10/2019	Conference Participation	30%	75
Technology: Biodiesel, E85, Electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: General Public, Government <i>VCC supported the event with attendance at the expo and distribution of contact information for suggested participants.</i>				
VA Renewable Energy Association 2019 LEAD Conference #1	03/28/2019	Conference Participation	100%	200
Technology: Biodiesel, E85, Electric vehicles, Hydrogen, Natural gas vehicles Audience: General Public, Government, Private Fleets, Waste <i>VCC stakeholder VAREA held Conference. VCC's Director Alleyn Harned moderated session on renewable in transportation with several technology speakers. Numerous stakeholders attended and participated.</i>				
Mobile Sources Training Workshop - Mid-Atlantic Regional Air Management Association	03/19/2019, 03/20/2019	Conference Participation	40%	200
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government <i>Alleyn Harned with VCC served as the alternative fuels presenter for the regional training workshop held in Hunt Valley Maryland</i>				
Collaborative Ecosystems Summit at CNU	03/15/2019	Conference Participation	40%	75
Technology: E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public, Other <i>Undergraduate summit at Christopher Newport University. VCC presented as guest.</i>				
Fredericksburg Electric Vehicle and Charging Station Workshop	02/12/2019	Workshop Held By Coalition	100%	67
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets, Transit <i>Event included: Yvonne Porter, Nissan North America, Libby Bittman, ChargePoint, Myron Fields, SemaConnect, Joyce Bodoh, Rappahannock Electric Cooperative, Matthew Wade, Virginia Clean Cities and Vehicle Ride and Drive and Equipment Demonstration</i>				
2019 Work Truck Show and Green Truck	03/05/2019, 03/06/2019, 03/07/2019, 03/08/2019	Conference Participation	10%	318
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane Audience: Private Fleets, Transit <i>VCC supports this event annually by outreach invites but was unable to attend.</i>				
Lion Electric School Bus Ride and Drive Richmond	01/17/2019	Workshop Held By Coalition	100%	25
Technology: Electric vehicles Audience: General Public, Government, Transit, Other <i>Was focused on pupil transportation. Included demonstration EV bus</i>				
EV Ride & Drive with Sierra	01/14/2019	Media Event	10%	50
Technology: Electric vehicles Audience: Government <i>Supported legislators and vehicle technology enthusiasts to experience electric drive technologies.</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Mobility Energy Productivity Metric Webinar – Virginia Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Utility	12/13/2019	Conference Participation	80%	52
Hampton Roads Propane Vehicle Listening Session Technology: Propane Audience: Private Fleets	11/19/2019	Workshop Held By Coalition	100%	12
Electric Vehicle Listening Session – Richmond Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Private Fleets	11/13/2019	Workshop Held By Coalition	100%	9
Training Technicians for an Electric Bus Fleet Technology: Electric vehicles Audience: Government	10/22/2019	Workshop Held By Coalition	80%	28
Midwest Green Transportation Expo Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: General Public <i>VCC attended and moderated a session at the Clean Fuels Ohio event. VCC Director Harned moderated a session on renewable fleet fuels.</i>	09/18/2019	Conference Participation	10%	200
Ethanol Steel Drums First Responder Webinar Technology: E85 Audience: Government <i>VCC broadcast this webinar event</i>	08/03/2019	Website	20%	31
New Jersey Hydrogen Workshop Technology: Hydrogen Audience: General Public, Government, Private Fleets <i>VCC promoted the event</i>	06/24/2019	Workshop Held By Coalition	10%	66
GFX Government Fleet Expo Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public <i>VCC supported and broadcast this event to stakeholders.</i>	06/17/2019, 06/18/2019, 06/19/2019, 06/20/2019	Conference Participation	10%	131
Va Pupil Transportation Technology: Fuel economy improvements, Idle reduction, Vehicle miles traveled reduction Audience: General Public	06/16/2019, 06/17/2019, 06/18/2019, 06/19/2019, 06/20/2019	Workshop Held By Coalition	100%	91
NAFA Biodiesel Webinar – Future of Clean Diesel Technology for fleets Technology: Biodiesel Audience: General Public	06/06/2019	Media Event	60%	82

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Solar EV Info Session Happy Hour – Charlottesville Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public	05/12/2019	Workshop Held By Coalition	75%	60
Biodiesel Regional Seminar, Hershey PA Technology: Biodiesel Audience: General Public	05/20/2019	Conference Participation	20%	70
EVgo and DEQ Groundbreaking Celebration Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public	05/14/2019	Conference Participation	50%	49
2019 VIRGINIA CONFERENCE ON ENERGY & INFRASTRUCTURE Technology: Vehicle miles traveled reduction Audience: Private Fleets	04/17/2019, 04/18/2019	Workshop Held By Coalition	100%	49
Annual Alternative Fuel Vehicle Rally at Main Street Station Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public, Government, Transit, Utility, Waste <i>Annual event. Included vehicle demonstrations, speakers, exhibit tables, snacks and fun.</i>	04/04/2019	Workshop Held By Coalition	100%	200
Charlottesville EV Solar Cooperative Info Session Technology: Electric vehicles Audience: General Public <i>VCC presented on electric vehicles in workshop with partner VA Sun - Many EVs were purchased as well as home chargers succeeded in the group purchasing program.</i>	03/27/2019	Workshop Held By Coalition	100%	50
Norfolk Electric Vehicle and Charging Station Workshop Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government	03/13/2019	Workshop Held By Coalition	100%	41
EPA State and Local Government Experiences with Workplace EV Charging Technology: Electric vehicles, Hybrid electric vehicles Audience: Government	03/12/2019	Meeting - Other	100%	39
Winter Stakeholder Luncheon – Harrisonburg Technology: E85, Electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Government, Private Fleets	02/21/2019	Meeting - Stakeholder	100%	16
National Ethanol Conference Florida Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: General Public, Government	02/11/2019, 02/12/2019, 02/13/2019	Meeting - Stakeholder	100%	106
Energy Independence Summit DC Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: Government <i>VCC director is voluntary president of board for Transportation Energy Partnership</i>	02/11/2019, 02/12/2019, 02/13/2019	Meeting - Other	40%	131

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Virginia Clean Fuel Policy Day	01/29/2019	Meeting - Stakeholder	100%	43
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction				
Audience: Government, Private Fleets				
Total:				8,816

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2019	Matching Funds Spent in 2019	Total Project Funding Spent in 2019
Anonymous Foundation	\$25,000	\$0	\$25,000	\$25,000	\$0	\$25,000
Length of grant: 1 years Year grant began: 2019 Sources of the grant: Foundation or Nonprofit Partners: The Oak Hill Fund Technologies: Electricity Purpose: Accelerate Virginia's electrification through technical support and outreach. <i>Task 1 - Fleet planning</i> <i>Task 2 - Technical support to fleets</i> <i>Task 3 - Outreach and education to consumers</i>						
Center for Sustainable Energy	\$25,000	\$5,000	\$30,000	\$0	\$0	\$0
Length of grant: 3 years Year grant began: 2018 Sources of the grant: U.S. Department of Energy Partners: Center for Sustainable Energy Technologies: Electricity Purpose: EVSE at Multi-Unit Dwellings <i>Identify, demonstrate, collect data, perform performance data analysis of new software, hardware technology, or other innovative solutions to expand access to multi-unit dwelling (MUD) and curbside residential electric vehicle (EV) charging infrastructure.</i>						
Department of Energy	\$670,000	-	\$670,000	\$0	\$0	\$0
Length of grant: 3 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 Purpose: To demonstrate electric school buses with school district fleets <i>VCC will manage this project to allow school fleets to test electric school buses.</i>						
DOT	\$9,000,000	\$0	\$9,000,000	-	-	\$0
Additional grant money added since start: \$0 Additional matching funds added since start: \$0 Length of grant: 9 years Year grant began: 2015 Sources of the grant: Congestion Mitigation and Air Quality Improvement (CMAQ) Program Partners: Virginia DMME, Virginia DOT Technologies: CNG - Compressed Natural Gas, Propane Purpose: Replace gasoline/diesel state and local government vehicles with propane and natural gas						
Energetics	\$23,800	\$0	\$23,800	\$0	\$0	\$0

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2019	Matching Funds Spent in 2019	Total Project Funding Spent in 2019
<p>Length of grant: 3 years Year grant began: 2019 Sources of the grant: U.S. Department of Energy Partners: Clean Fuels Ohio, Energetics Technologies: Electricity Purpose: To collect data on EVSE usage <i>VCC will provide technical assistance in the collection of EVSE data.</i></p>						
Energy Foundation	\$25,000	\$0	\$25,000	\$25,000	\$0	\$25,000
<p>Length of grant: 1 years Year grant began: 2019 Sources of the grant: Foundation or Nonprofit Partners: Energy Foundation Technologies: Electricity Purpose: To provide education and technical assistance on heavy duty electric vehicles to fleets. <i>Virginia Clean Cities proposes to work with vehicle and equipment manufacturers to conduct four HDEV demonstration educational events, attend four community partner events, produce and host a webinar, and distribute collateral HDEV material to a wide range of additional education and outreach partners. We will meet with 10 organizations to provide detailed information on fleets.</i></p>						
Environmental Protection Agency	\$829,954	\$2,460,717	\$3,290,671	\$593,617	\$2,234,138	\$2,827,755
<p>Length of grant: 5 years Year grant began: 2015 Sources of the grant: Environmental Protection Agency Partners: City of Richmond, VA, City of Roanoke, VA, IdleAir Technologies: CNG - Compressed Natural Gas, Idle Reduction, Propane Purpose: Reduce diesel use by replacing heavy duty trucks with CNG and LPG trucks and increased idle reduction. <i>City of Roanoke replaces 8 diesel trucks with 8 LPG trucks City of Richmond replaces 12 diesel utility trucks with 12 CNG trucks. Goodman Logisitics, a distribution center, installs 8 idle reduction units.</i></p>						
EPA	\$2,037,316	\$8,995,683	\$11,032,999	\$0	\$0	\$0
<p>Length of grant: 3 years Year grant began: 2019 Sources of the grant: Environmental Protection Agency Partners: United Parcel Service Technologies: CNG - Compressed Natural Gas Purpose: To replace 79 pre-2009 diesel class 8 tractors with 2020 CNG and diesel tractors <i>EPA is providing \$2037,316 in grant funding to VCC to replace 79 pre-2009 diesel tractor trailers with CNG and newer diesel trucks.</i></p>						
Generation 180	\$5,000	\$0	\$5,000	\$5,000	\$0	\$5,000
<p>Length of grant: 1 years Year grant began: 2019 Sources of the grant: Foundation or Nonprofit Partners: Generation 180 Technologies: Electricity Purpose: To recruit car dealerships into the Electrify Your Ride website <i>VCC was tasked with recruiting dealerships with electric vehicles into the Electrify Your Ride website that showcased these vehicles and provided additional discounts to prospective buyers.</i></p>						
Virginia Department of Mines, Mineral and Energy	\$85,900	\$0	\$85,900	\$85,900	\$0	\$85,900

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2019	Matching Funds Spent in 2019	Total Project Funding Spent in 2019
Length of grant: 2 years Year grant began: 2018 Sources of the grant: State Government Partners: Department of Mines, Minerals, and Energy Purpose: Provide support to the VA State Energy Office on alternative fuels deployment and reporting. <i>Task 1: Alternative Fuel Vehicle Inventory</i> <i>Task 2: Alternative Fuel Production Inventory</i> <i>Task 3: Diesel Mitigation and EV Charger Deployment Program Assistance</i> <i>Task 4: Stakeholder Technical Assistance</i> <i>Task 5: Alternative Fuels Education and Outreach</i>						
Virginia DEQ	\$14,000,000	-	\$14,000,000	\$4,000,000	\$0	\$4,000,000
Length of grant: 3 years Year grant began: 2018 Sources of the grant: Volkswagen Settlement Partners: EVgo Technologies: Electricity Purpose: Electric Charger Deployment <i>EV grant provides resources to install electric chargers in our Electrify Virginia program.</i>						
Total:	\$26,726,970	\$11,461,400	\$38,188,370	\$4,734,517	\$2,234,138	\$6,968,655