

2020 Transportation Technology Deployment Report:

Virginia Clean Cities
Expanded Edition

March 2021



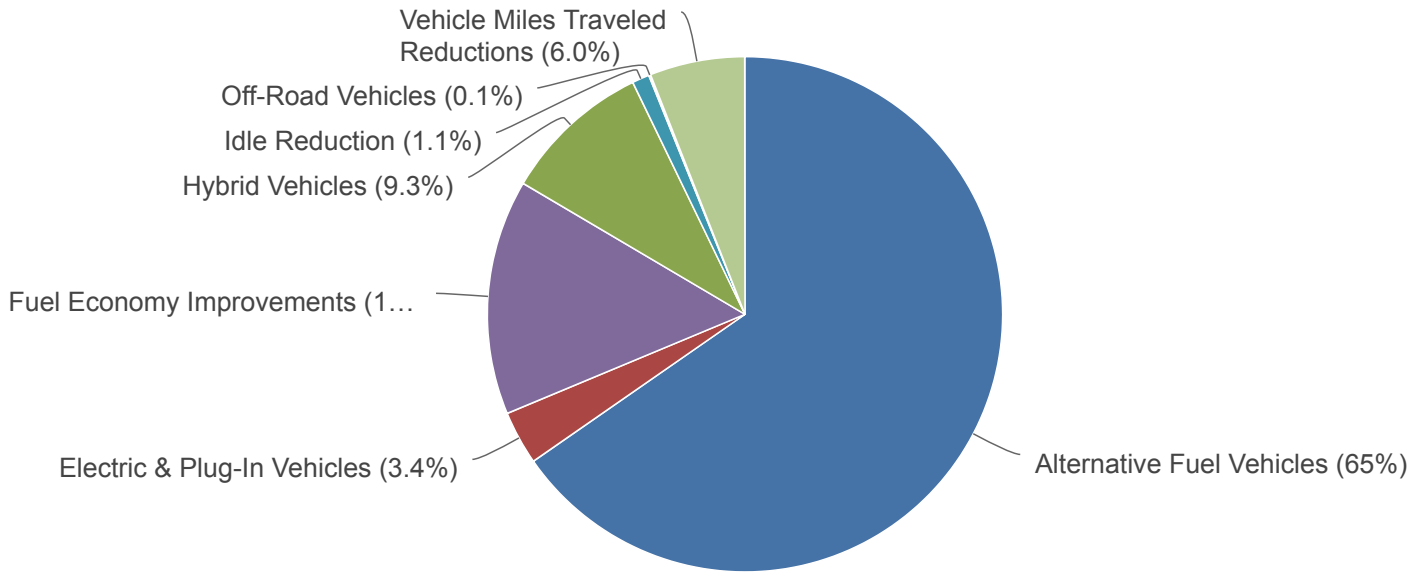
The U.S. Department of Energy's (DOE) Clean Cities Coalition Network fosters the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices. A national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

Every year, each Clean Cities 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, idle-reduction initiatives, fuel economy activities, and efforts to reduce vehicle miles traveled. NREL and DOE analyze the data and translate them into energy use impact, greenhouse gas reduction, and other metrics to show progress supporting the Clean Cities mission for individual coalitions and the network as a whole. This report summarizes those impacts for .

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

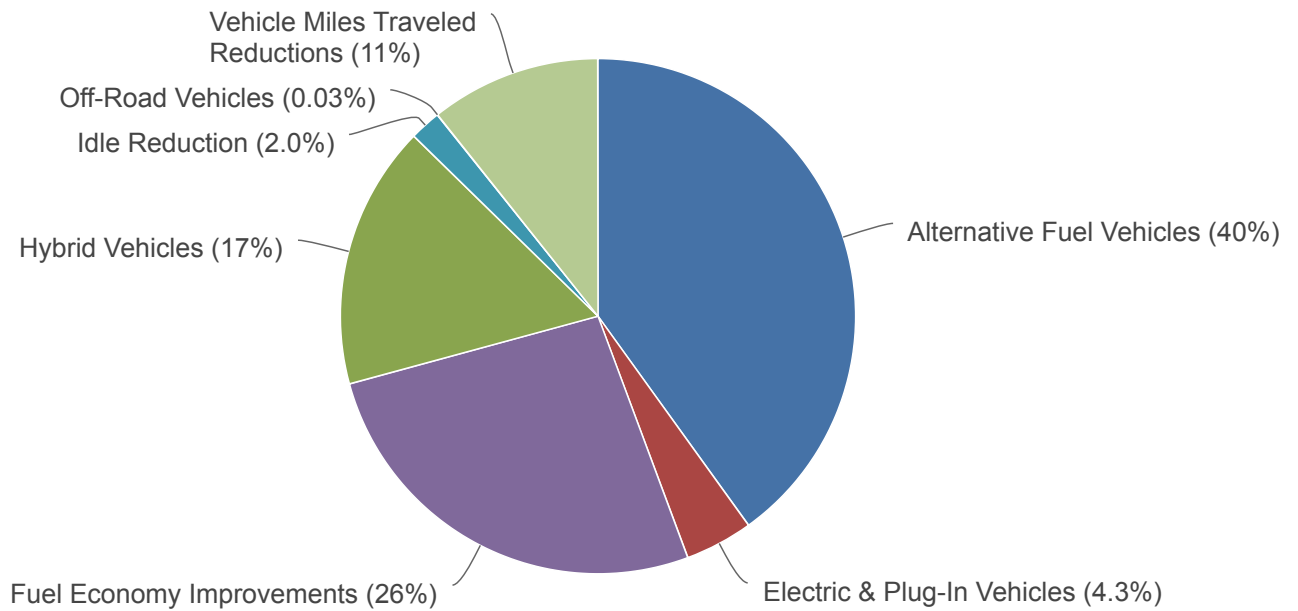
2020 Gallons of Gasoline Equivalent Reduced

26,852,087 gallons

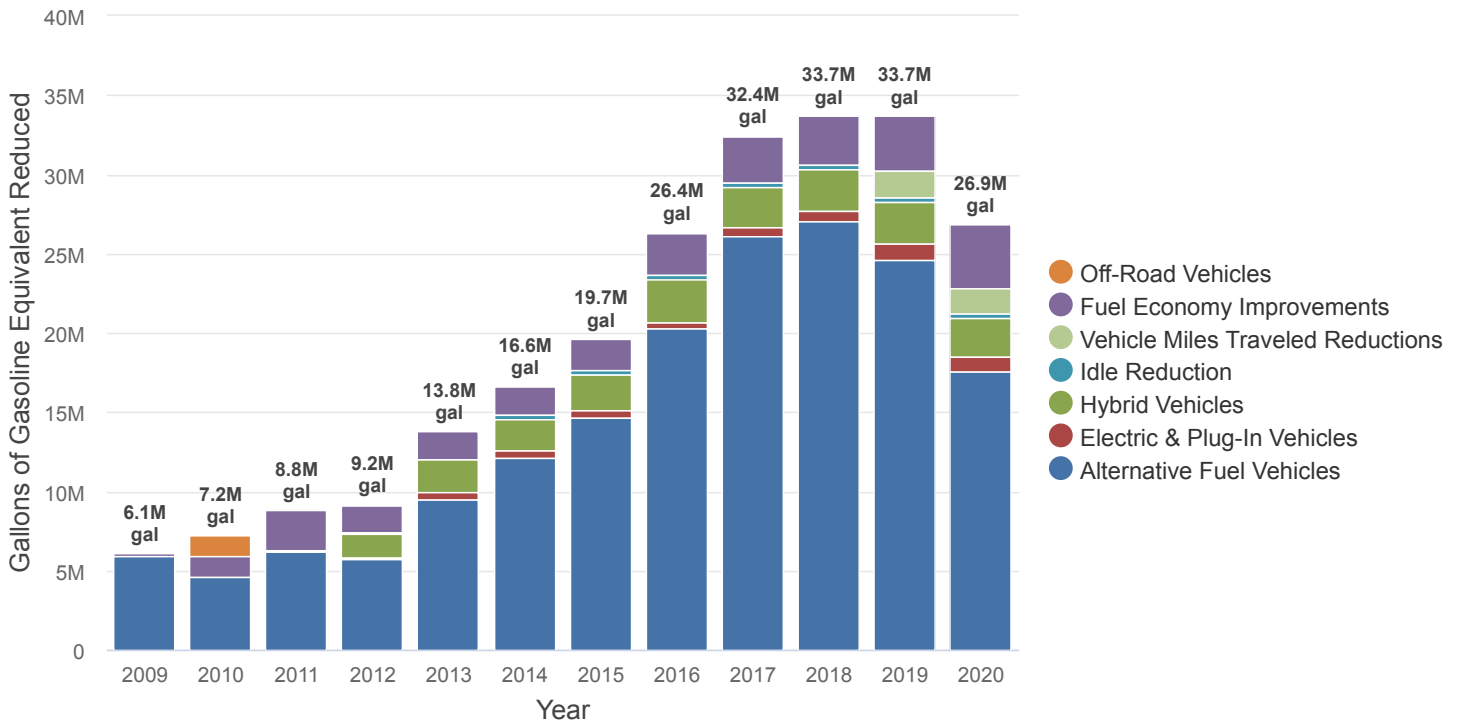


2020 Greenhouse Gas Emissions Reduced

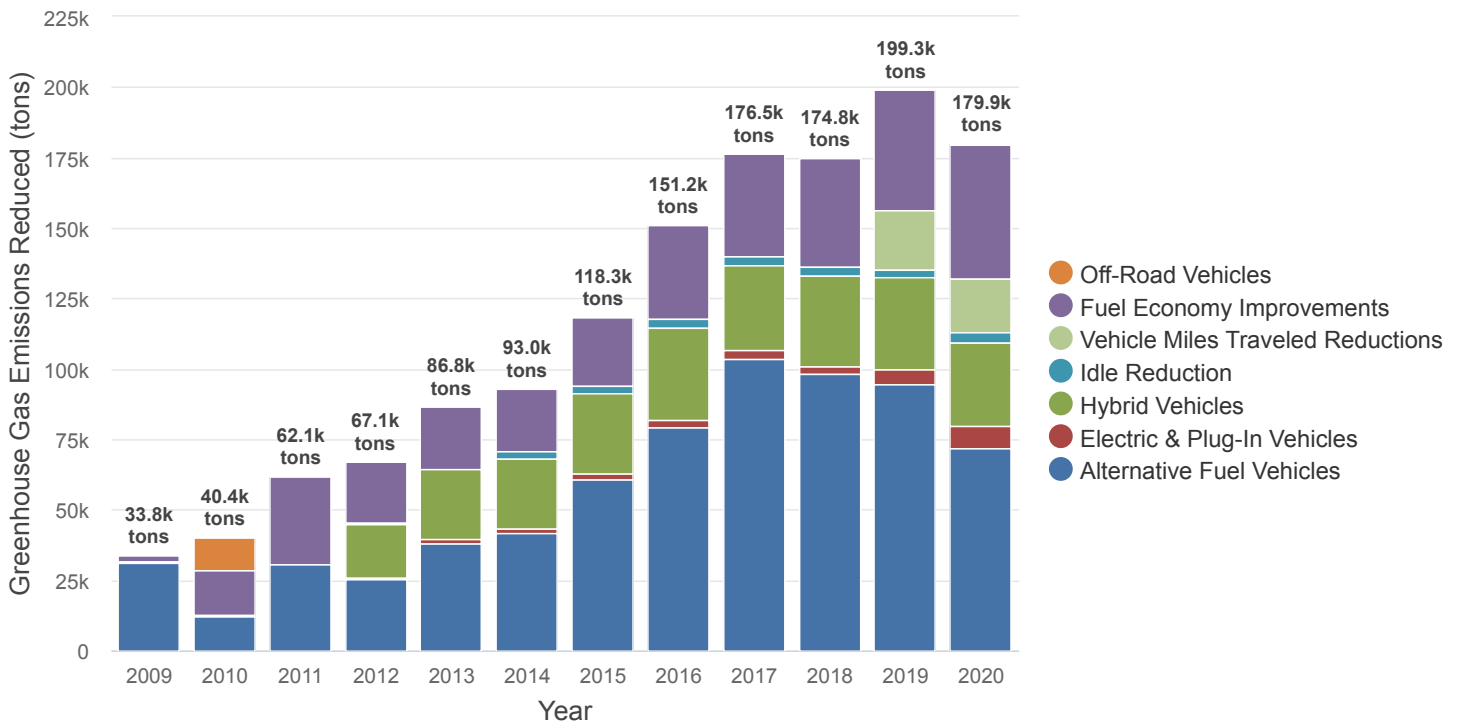
179,858 tons



Historical Gallons of Gasoline Equivalent Reduced

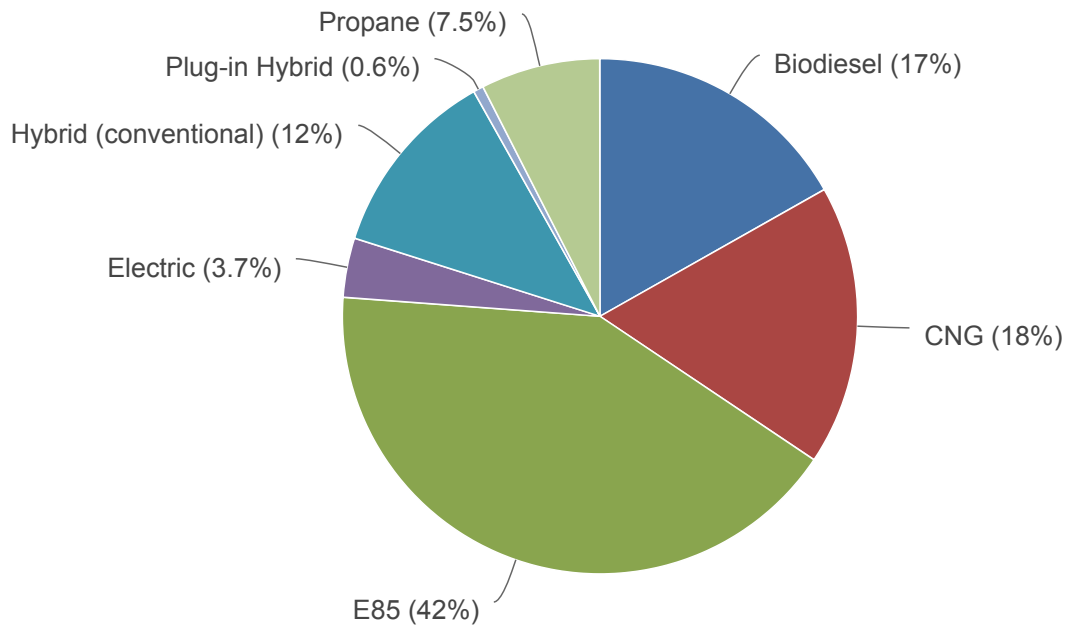


Historical Greenhouse Gas Emissions Reduced



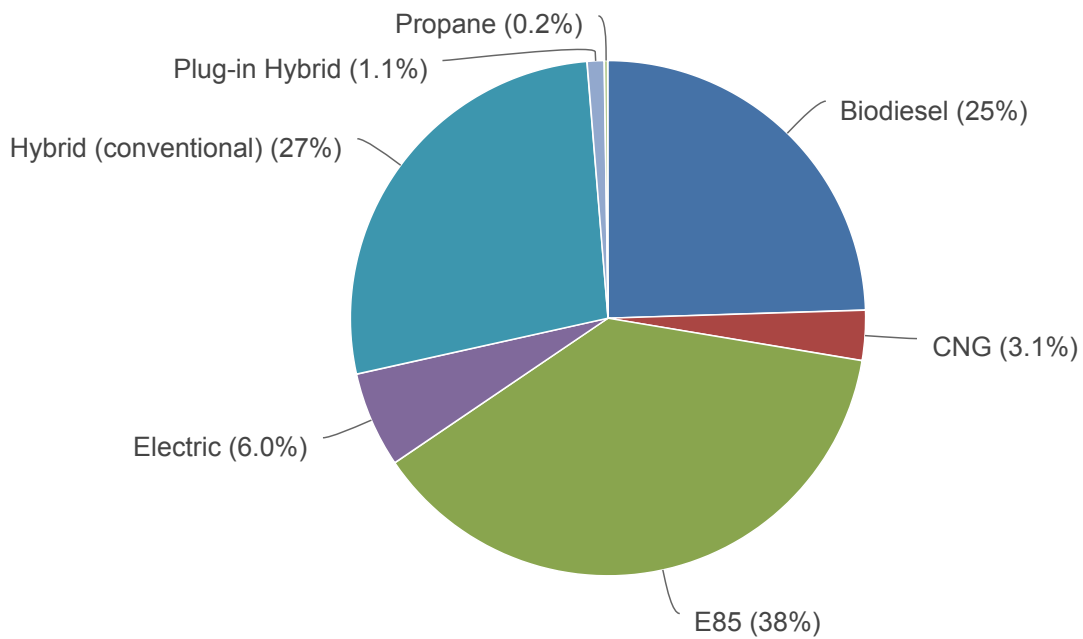
2020 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

20,986,473 gallons



2020 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

109,571 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.

Reductions by Technology*	NOx	VOC**	PM10	PM2.5
CNG - Compressed Natural Gas	206,151 lb	342 lb	2 lb	2 lb
E85 - 85% Ethanol	8,414 lb	2,799 lb	56 lb	14 lb
Electric (all-electric)	9,868 lb	4,068 lb	145 lb	133 lb
Hybrid (conventional)	3,520 lb	8,250 lb	1 lb	1 lb
Plug-in Hybrid	865 lb	1,333 lb	38 lb	35 lb
Propane	61,274 lb	-4,846 lb	374 lb	91 lb
VMT Reduction (Diesel)	112,615 lb	2,349 lb	3,265 lb	807 lb
VMT Reduction (Gasoline)	9 lb	14 lb	4 lb	1 lb
Total:	402,716 lb	14,310 lb	3,885 lb	1,084 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
Alleyn Harned	c/o James Madison University 1401 Technology Dr, MSC 4115 Harrisonburg, VA 22807	540-568-8896	540-568-5181
Matthew Wade		540-568-4051	
Number of coordinators			2
Coordinator(s) hours per week on Clean Cities			80 hours
Other staff hours per week on Clean Cities			120 hours
How long have you been the coordinator?			11 years

OPERATING INFORMATION

Coalition organizational structure	Standalone nonprofit (self-managed)
Stakeholders	
Number of stakeholders	300
Number of private stakeholders	200
Stakeholder counting notes	These are our collaborators, we only have around 50 dues paying stakeholders
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes
Explain State Energy Office's support	Daily partnership and grant collaboration
How would you rate the quality of the data on your survey?	Good
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

2020 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 2020	\$7,500,433
Total non-DOE or ARRA funding in 2020	\$7,600,433

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	3,718 gal	27.4 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 Energy Efficient Mobility Systems Partnership: No</p>						
Albemarle County	Light-Duty	E85 (blender pump)	6	100% of time	3,342 gal	16.0 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 Energy Efficient Mobility Systems Partnership: No</p>						
Albemarle County (Municipality and Schools)	Heavy-Duty	Biodiesel (20%)	13	100% of time	4,749 gal	35.0 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 Energy Efficient Mobility Systems Partnership: No</p>						
Alsop Trucking	Heavy-Duty	Biodiesel (20%)	15	100% of time	22,834 gal	168.3 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: 80% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Appalachian Natural Gas Distribution	Heavy-Duty	CNG	2	100% of time	19,351 gal	24.8 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 Energy Efficient Mobility Systems Partnership: No</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Appalachian Natural Gas Distribution	Light-Duty	CNG	9	100% of time	3,739 gal	6.5 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 26 MPGge Market: Utility Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
ART- Arlington Transit- Arlington County	Light-Duty	CNG	72	100% of time	32,405 gal	56.0 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 Energy Efficient Mobility Systems Partnership: No</p>						
Augusta County	Heavy-Duty	Biodiesel (20%)	4	100% of time	3,762 gal	27.7 tons
<p>Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Augusta County	Light-Duty	Propane	8	100% of time	8,582 gal	12.7 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
Bioride	Light-Duty	Biodiesel (20%)	7	100% of time	7,900 gal	127.6 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
Blacksburg Virginia	Heavy-Duty	Biodiesel (20%)	10	100% of time	2,738 gal	20.2 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
Blacksburg Virginia	Light-Duty	Biodiesel (20%)	25	100% of time	8,214 gal	132.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
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 Energy Efficient Mobility Systems Partnership: No						
Blacksburg Virginia	Light-Duty	E85	15	100% of time	5,310 gal	25.4 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 Energy Efficient Mobility Systems Partnership: No						
Blue Ridge Parkway	Light-Duty	E85 (blender pump)	23	100% of time	24,323 gal	116.2 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 Energy Efficient Mobility Systems Partnership: No						
Blue Ridge Parkway	Light-Duty	Propane	4	100% of time	10,301 gal	15.3 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 Energy Efficient Mobility Systems Partnership: No						
Charlottesville municipal/schools	Heavy-Duty	Biodiesel (20%)	50	100% of time	120,807 gal	890.3 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 Energy Efficient Mobility Systems Partnership: No						
Charlottesville municipal/schools	Heavy-Duty	CNG	2	100% of time	3,497 gal	8.5 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Charlottesville municipal/schools	Light-Duty	Biodiesel (20%)	15	100% of time	1,640 gal	26.5 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: 27 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Charlottesville municipal/schools	Light-Duty	CNG	5	100% of time	2,250 gal	3.9 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Charlottesville municipal/schools	Light-Duty	E85 (blender pump)	7	100% of time	2,478 gal	11.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Chesterfield County Fleet Management	Heavy-Duty	Propane	51	100% of time	73,554 gal	109.2 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 Energy Efficient Mobility Systems 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	778	100% of time	288,314 gal	1,377.0 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 Energy Efficient Mobility Systems Partnership: No						
Chesterfield County Fleet Management	Light-Duty	Propane	26	100% of time	9,326 gal	13.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City of Chesapeake	Heavy-Duty	CNG	52	100% of time	503,124 gal	645.0 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 Energy Efficient Mobility Systems Partnership: No						
City of Chesapeake	Heavy-Duty	E85 (blender pump)	5	100% of time	15,069 gal	40.7 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 4 MPG Market: Government - Local Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City of Chesapeake	Heavy-Duty	Propane	4	100% of time	27,133 gal	N/A
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
* GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
City of Chesapeake	Light-Duty	CNG	1	100% of time	450 gal	0.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City of Chesapeake	Light-Duty	E85	429	100% of time	4,020,425 gal	19,201.9 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 2 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City Of Chesapeake	Light-Duty	Propane	18	100% of time	8,755 gal	13.0 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 Energy Efficient Mobility Systems Partnership: No						
City of Lynchburg	Heavy-Duty	Biodiesel (20%)	18	100% of time	34,250 gal	252.4 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 MPG Market: Utility Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City of Norfolk - Municipal	Light-Duty	CNG	6	100% of time	5,761 gal	9.9 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 15 MPGe Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City of Norfolk - Municipal	Light-Duty	E85	153	100% of time	39,944 gal	190.8 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 Energy Efficient Mobility Systems Partnership: No						
City of Norfolk - Municipal	Light-Duty	Propane	21	100% of time	9,271 gal	13.8 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 26 MPGe Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City of Richmond	Heavy-Duty	CNG	30	100% of time	289,102 gal	188.7 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 Energy Efficient Mobility Systems Partnership: No						
City of Richmond	Light-Duty	CNG	76	100% of time	34,205 gal	59.1 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 Energy Efficient Mobility Systems Partnership: No						
City of Roanoke Municipal	Heavy-Duty	Biodiesel (20%)	181	100% of time	382,289 gal	2,817.2 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 Energy Efficient Mobility Systems Partnership: No						
City of Roanoke Municipal	Heavy-Duty	Propane	3	100% of time	8,353 gal	N/A

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
<p>Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No 2 HD propane refuse trucks added in 2020 * GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.</p>						
City of Roanoke Municipal	Light-Duty	Biodiesel (20%)	181	100% of time	18,148 gal	293.2 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
City of Roanoke Municipal	Light-Duty	Propane	20	100% of time	7,921 gal	11.8 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
City of Staunton, Public Works	Light-Duty	E85	65	100% of time	23,010 gal	109.9 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 Energy Efficient Mobility Systems Partnership: No</p>						
City of Staunton, Public Works	Light-Duty	E85	8	100% of time	3,131 gal	15.0 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
City of Virginia Beach	Heavy-Duty	Propane	40	100% of time	286,143 gal	N/A
<p>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 Energy Efficient Mobility Systems Partnership: No * GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.</p>						
City of Virginia Beach	Light-Duty	CNG	2	100% of time	900 gal	1.6 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 - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
City of Virginia Beach	Light-Duty	E85	382	100% of time	135,227 gal	645.9 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 Energy Efficient Mobility Systems Partnership: No						
Clark Gas and Oil	Light-Duty	CNG	6	100% of time	2,700 gal	4.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Colonial Williamsburg	Heavy-Duty	CNG	16	100% of time	154,188 gal	100.6 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 Energy Efficient Mobility Systems Partnership: No						
Colonial Williamsburg	Light-Duty	CNG	4	100% of time	1,800 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 Energy Efficient Mobility Systems Partnership: No						
Culpepper County	Light-Duty	Propane	18	100% of time	5,165 gal	7.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 80% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Danville Transit	Heavy-Duty	Propane	6	100% of time	42,921 gal	N/A
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 Energy Efficient Mobility Systems Partnership: No						

* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Department of State Police	Light-Duty	E85 (blender pump)	429	100% of time	226,836 gal	1,083.4 tons
<p>Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 8 MPG Market: Government - State Vehicle type: Patrol Car Percentage from coalition: 50% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Dominion Energy	Heavy-Duty	Biodiesel (20%)	802	100% of time	377,109 gal	2,779.0 tons
<p>Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Utility Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Dominion Energy	Heavy-Duty	E85 (blender pump)	7	100% of time	10,548 gal	28.5 tons
<p>Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 4 MPG Market: Utility Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Dominion Energy	Light-Duty	Biodiesel (20%)	11	100% of time	601 gal	9.7 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Utility Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Dominion Energy	Light-Duty	E85 (blender pump)	874	100% of time	154,697 gal	738.8 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Utility Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Fairfax County	Light-Duty	E85 (blender pump)	735	100% of time	260,188 gal	1,242.7 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 Energy Efficient Mobility Systems Partnership: No</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
First Piedmont Corporation	Heavy-Duty	CNG	10	100% of time	56,920 gal	37.1 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: Utility Vehicle type: Truck: Refuse Percentage from coalition: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Frederick County	Light-Duty	Propane	11	100% of time	3,946 gal	5.9 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Frito Lay	Heavy-Duty	CNG	15	100% of time	145,132 gal	186.1 tons
Miles traveled per vehicle: 63,428 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
George Washington Birthplace National Monument	Light-Duty	Propane	9	100% of time	3,564 gal	5.3 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGge Market: Government - Federal Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Gloucester County Schools	Heavy-Duty	Biodiesel (20%)	113	100% of time	106,267 gal	783.1 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Gloucester County Schools	Heavy-Duty	Propane	8	100% of time	10,384 gal	15.4 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 Energy Efficient Mobility Systems Partnership: No						
Gloucester County Schools	Light-Duty	Biodiesel (20%)	4	100% of time	437 gal	7.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Greater Richmond Transit Company	Heavy-Duty	Biodiesel (20%)	61	100% of time	147,385 gal	1,086.1 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 3 MPG Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Greater Richmond Transit Company	Heavy-Duty	CNG	96	100% of time	38,658 gal	25.2 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGde Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Greater Richmond Transit Company	Light-Duty	Biodiesel (20%)	4	100% of time	437 gal	7.1 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Commuters Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Groome Transportation	Light-Duty	Propane	13	100% of time	4,663 gal	6.9 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Halifax County Schools	Heavy-Duty	Propane	28	100% of time	36,344 gal	53.9 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 Energy Efficient Mobility Systems Partnership: No						
Hampton Roads Transit	Heavy-Duty	Biodiesel (20%)	2	100% of time	4,832 gal	35.6 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 Energy Efficient Mobility Systems Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
James City County - Municipal	Heavy-Duty	Biodiesel (20%)	25	100% of time	23,511 gal	173.3 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
James City County - Municipal	Light-Duty	E85 (blender pump)	34	100% of time	12,036 gal	57.5 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 Energy Efficient Mobility Systems Partnership: No						
James City County - Municipal	Light-Duty	Propane	12	100% of time	4,305 gal	6.4 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 Energy Efficient Mobility Systems Partnership: No						
James Madison University	Heavy-Duty	E85	2	100% of time	6,027 gal	16.3 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 4 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
James Madison University	Light-Duty	E85 (blender pump)	123	100% of time	43,542 gal	208.0 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
James Madison University	Light-Duty	Propane	14	100% of time	5,022 gal	7.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
James River Petroleum	Heavy-Duty	Biodiesel (20%)	13	100% of time	12,225 gal	90.1 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: Utility Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
J Sergeant Reynolds Community College	Light-Duty	E85	3	100% of time	1,062 gal	5.1 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
King & Queen County Schools	Heavy-Duty	Biodiesel (20%)	33	100% of time	12,056 gal	88.8 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 Energy Efficient Mobility Systems Partnership: No						
Liberty University	Light-Duty	E85	60	100% of time	21,240 gal	101.4 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Newport News - City	Heavy-Duty	Biodiesel (20%)	253	100% of time	237,926 gal	1,753.3 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Newport News - City	Heavy-Duty	Propane	175	100% of time	487,260 gal	N/A
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Newport News - City	Light-Duty	Biodiesel (20%)	285	100% of time	31,154 gal	503.4 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: 27 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Newport News - City	Light-Duty	E85	315	100% of time	111,509 gal	532.6 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Newport News - City	Light-Duty	Propane	28	100% of time	10,044 gal	14.9 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 Energy Efficient Mobility Systems Partnership: No						
Norfolk Botanical Gardens	Heavy-Duty	Biodiesel (20%)	2	100% of time	1,881 gal	13.9 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Norfolk Public Schools	Light-Duty	CNG	3	100% of time	1,350 gal	2.3 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 Energy Efficient Mobility Systems Partnership: No						
Norfolk Public Schools	Light-Duty	E85	15	100% of time	5,310 gal	25.4 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 Energy Efficient Mobility Systems Partnership: No						
Norfolk Public Schools	Light-Duty	Propane	5	100% of time	1,794 gal	2.7 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 Energy Efficient Mobility Systems Partnership: No						
Northumberland County Public Schools	Heavy-Duty	Biodiesel (20%)	33	100% of time	31,034 gal	228.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Old Dominion University	Heavy-Duty	Biodiesel (20%)	5	100% of time	4,702 gal	34.7 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Old Dominion University	Heavy-Duty	E85	20	100% of time	60,274 gal	162.7 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 4 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Old Dominion University	Light-Duty	CNG	3	100% of time	1,350 gal	2.3 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Old Dominion University	Light-Duty	E85	20	100% of time	7,080 gal	33.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Phillips Oil & Gas	Heavy-Duty	Propane	1	100% of time	2,784 gal	N/A
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
<i>* GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.</i>						
Phillips Oil & Gas	Light-Duty	CNG	3	100% of time	1,350 gal	2.3 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Phillips Oil & Gas	Light-Duty	E85	2	100% of time	708 gal	3.4 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: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Phillips Oil & Gas	Light-Duty	Propane	4	100% of time	1,435 gal	2.1 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Prince William County	Light-Duty	E85	500	100% of time	176,999 gal	845.4 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 Energy Efficient Mobility Systems Partnership: No						
Prince William County	Light-Duty	Propane	1	100% of time	359 gal	0.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Range Resources	Light-Duty	CNG	162	100% of time	72,910 gal	125.9 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 Energy Efficient Mobility Systems Partnership: No						
Reco Biodiesel	Heavy-Duty	Biodiesel (20%)	7	100% of time	6,583 gal	48.5 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 Energy Efficient Mobility Systems Partnership: No						
Reco Biodiesel	Light-Duty	Biodiesel (20%)	1	100% of time	121 gal	2.0 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 24 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Richmond Gas Works	Light-Duty	CNG	52	100% of time	23,403 gal	40.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
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Miles traveled per vehicle: 11,370 mi
Average vehicle fuel economy: 24 MPGe
Market: Utility
Vehicle type: Car
Percentage from coalition: 100%
National Clean Fleets Partnership: No
Energy Efficient Mobility Systems Partnership: No

Roanoke County Public Schools	Heavy-Duty	Biodiesel (20%)	137	100% of time	128,838 gal	949.4 tons
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Miles traveled per vehicle: 25,594 mi
Average vehicle fuel economy: 6 MPG
Market: Government - Local
Vehicle type: Unknown/Other
Percentage from coalition: 100%
National Clean Fleets Partnership: No
Energy Efficient Mobility Systems Partnership: No

Roanoke County Public Schools	Heavy-Duty	Propane	23	100% of time	64,040 gal	N/A
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Miles traveled per vehicle: 25,594 mi
Average vehicle fuel economy: 6 MPGde
Market: Government - Local
Vehicle type: Unknown/Other
Percentage from coalition: 100%
National Clean Fleets Partnership: No
Energy Efficient Mobility Systems Partnership: No

* GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.

Schwan's - Medium-duty Propane	Light-Duty	Propane	39	162,537 gal	123,069 gal	182.7 tons
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Market: Corporate Fleet
Vehicle type: Pickup/SUV/Van
Percentage from coalition: 100%
National Clean Fleets Partnership: Yes
Energy Efficient Mobility Systems Partnership: No

Shenandoah National Park	Heavy-Duty	Biodiesel (20%)	81	100% of time	76,174 gal	561.3 tons
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Miles traveled per vehicle: 25,594 mi
Average vehicle fuel economy: 6 MPG
Market: National Parks
Vehicle type: Unknown/Other
Percentage from coalition: 100%
National Clean Fleets Partnership: No
Energy Efficient Mobility Systems Partnership: No

Shenandoah National Park	Heavy-Duty	Propane	7	100% of time	19,490 gal	N/A
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Miles traveled per vehicle: 25,594 mi
Average vehicle fuel economy: 6 MPGde
Market: National Parks
Vehicle type: Unknown/Other
Percentage from coalition: 100%
National Clean Fleets Partnership: No
Energy Efficient Mobility Systems Partnership: No

* GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.

Shenandoah National Park	Light-Duty	Propane	18	100% of time	6,457 gal	9.6 tons
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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: National Parks Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Spotsylvania County	Heavy-Duty	E85	8	100% of time	24,110 gal	65.1 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 4 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Spotsylvania County	Heavy-Duty	Propane	32	100% of time	89,099 gal	N/A
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Number expected in increase in the next year</i>						
* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Spotsylvania County	Light-Duty	E85	98	100% of time	34,692 gal	165.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Considering expanding E85 station resources</i>						
Spotsylvania County	Light-Duty	Propane	47	100% of time	16,859 gal	25.0 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
State Farm Insurance	Light-Duty	E85	267	100% of time	94,517 gal	451.4 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 Energy Efficient Mobility Systems Partnership: No						
St. Catherine's School	Heavy-Duty	CNG	6	100% of time	22,505 gal	14.7 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
St. Catherine's School	Heavy-Duty	E85	1	100% of time	3,014 gal	8.1 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 4 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
St. Catherine's School	Light-Duty	CNG	5	100% of time	2,250 gal	3.9 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGe Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
St. Catherine's School	Light-Duty	E85	1	100% of time	354 gal	1.7 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
SuperValu Mechanicsville Center	Heavy-Duty	CNG	25	100% of time	241,886 gal	310.1 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 Energy Efficient Mobility Systems Partnership: No						
TFC Recycling	Heavy-Duty	CNG	25	100% of time	132,813 gal	86.7 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGe Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 70% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>New contact needed to confirm exact numbers</i>						
University of Virginia - Facilities	Heavy-Duty	Biodiesel (20%)	30	100% of time	68,732 gal	506.5 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 Energy Efficient Mobility Systems Partnership: No						
University of Virginia - Facilities	Light-Duty	Biodiesel (20%)	20	100% of time	2,186 gal	35.3 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: 27 MPG Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
University of Virginia - Facilities	Light-Duty	Propane	16	100% of time	8,349 gal	12.4 tons
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 17 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Planning expansion in the next year</i>						
University of Virginia - Transportation	Heavy-Duty	Biodiesel (20%)	34	100% of time	31,974 gal	235.6 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
University of Virginia - Transportation	Light-Duty	CNG	7	100% of time	3,150 gal	5.4 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Federal Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Also has forklifts and mowers</i>						
University of Virginia - Transportation	Light-Duty	E85	2	100% of time	2,115 gal	10.1 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 Energy Efficient Mobility Systems Partnership: No						
UPS - Heavy-duty CNG	Heavy-Duty	CNG	331	1,662,898 GGE	1,413,463 gal	922.4 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: Yes Energy Efficient Mobility Systems Partnership: No <i>This includes class 4-6 package delivery trucks and class 7-8 tractors</i>						
US Air Force	Heavy-Duty	Biodiesel (20%)	162	100% of time	278,367 gal	2,051.3 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: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Air Force	Light-Duty	Biodiesel (20%)	43	100% of time	3,525 gal	57.0 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Air Force	Light-Duty	CNG	6	100% of time	2,025 gal	3.5 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 Energy Efficient Mobility Systems Partnership: No						
US Air Force	Light-Duty	E85	55	100% of time	14,602 gal	69.7 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 Energy Efficient Mobility Systems Partnership: No						
US Army - Ft. Eustis	Light-Duty	Biodiesel (20%)	45	100% of time	3,689 gal	59.6 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Army - Ft. Eustis	Light-Duty	E85	92	100% of time	24,426 gal	116.7 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 Energy Efficient Mobility Systems Partnership: No						
US Army - Ft Lee	Heavy-Duty	Biodiesel (20%)	2	100% of time	3,437 gal	25.3 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: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Army - Ft Lee	Light-Duty	CNG	2	100% of time	675 gal	1.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Army - Ft Lee	Light-Duty	E85	175	100% of time	46,462 gal	221.9 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 Energy Efficient Mobility Systems Partnership: No						
US Federal Fleets Other	Light-Duty	CNG	3	100% of time	1,013 gal	1.7 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 Energy Efficient Mobility Systems Partnership: No						
US Federal Fleets Other	Light-Duty	E85	4,733	50% of time	628,301 gal	3,000.8 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 Energy Efficient Mobility Systems Partnership: No						
US Federal Fleets Other	Light-Duty	Propane	4	100% of time	1,076 gal	1.6 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 Energy Efficient Mobility Systems Partnership: No						
US Lawns	Heavy-Duty	CNG	14	100% of time	20,838 gal	13.6 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 Energy Efficient Mobility Systems Partnership: No						
US Lawns	Heavy-Duty	CNG	14	100% of time	20,838 gal	13.6 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 Energy Efficient Mobility Systems Partnership: No						
US Lawns	Light-Duty	Propane	2	100% of time	717 gal	1.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Vehicles</i>						
US Lawns	Light-Duty	Propane	2	100% of time	792 gal	1.2 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 Energy Efficient Mobility Systems Partnership: No <i>Mowers</i>						
US Navy	Heavy-Duty	Biodiesel (20%)	538	100% of time	924,452 gal	6,812.5 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: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Navy	Light-Duty	Biodiesel (20%)	211	100% of time	17,299 gal	279.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 27 MPG Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Navy	Light-Duty	CNG	1	100% of time	338 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: 75% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
US Navy	Light-Duty	E85	2,285	100% of time	606,663 gal	2,897.5 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 Energy Efficient Mobility Systems Partnership: No						
VA Department of Mines, Minerals, and Energy	Heavy-Duty	CNG	10	100% of time	58,053 gal	74.4 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 - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 60% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
VA Department of Mines, Minerals, and Energy	Heavy-Duty	E85	2	100% of time	8,962 gal	24.2 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: 60% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
VA Department of Mines, Minerals, and Energy	Light-Duty	CNG	9	100% of time	2,430 gal	4.2 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGe Market: Government - State Vehicle type: Car Percentage from coalition: 60% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
VA Department of Mines, Minerals, and Energy	Light-Duty	Propane	33	100% of time	7,842 gal	11.6 tons
Miles traveled per vehicle: 11,507 mi Average vehicle fuel economy: 22 MPGe Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 60% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
VA Eagle Distributing	Heavy-Duty	Propane	4	100% of time	11,137 gal	N/A
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
VA Eagle Distributing	Light-Duty	E85	75	100% of time	26,550 gal	126.8 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 Energy Efficient Mobility Systems Partnership: No						
VA Eagle Distributing	Light-Duty	Propane	150	100% of time	53,807 gal	79.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
<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 Energy Efficient Mobility Systems Partnership: No</p> <p><i>Reported as "smaller vehicles" unclear exactly what kind of vehicles these are</i></p>						
Van Go Transportation Service	Light-Duty	Propane	51	100% of time	26,612 gal	39.5 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Beach Public Schools	Heavy-Duty	Biodiesel (15%)	819	100% of time	224,409 gal	1,653.7 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 Energy Efficient Mobility Systems Partnership: No</p> <p><i>Additional 387 HD DOC</i></p>						
Virginia Beach Public Schools	Heavy-Duty	CNG	4	100% of time	38,547 gal	25.2 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Beach Public Schools	Light-Duty	Biodiesel (10%)	3	100% of time	238 gal	6.3 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Beach Public Schools	Light-Duty	CNG	1	100% of time	450 gal	0.8 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 Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Commonwealth University	Heavy-Duty	E85	9	100% of time	47,053 gal	127.0 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: 70% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia Commonwealth University	Heavy-Duty	Propane	5	100% of time	9,173 gal	N/A
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 Energy Efficient Mobility Systems Partnership: No						
<i>* GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.</i>						
Virginia Commonwealth University	Light-Duty	CNG	1	100% of time	450 gal	0.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia Commonwealth University	Light-Duty	E85	107	100% of time	55,238 gal	263.8 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 Energy Efficient Mobility Systems Partnership: No						
Virginia Commonwealth University	Light-Duty	Propane	4	100% of time	1,109 gal	1.6 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 Energy Efficient Mobility Systems Partnership: No						
Virginia Department of Environmental Quality	Light-Duty	CNG	1	100% of time	450 gal	0.8 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Reduction a result of entire fleet downsizing</i>						
Virginia Department of Environmental Quality	Light-Duty	E85	32	100% of time	12,526 gal	59.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
<p>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 Energy Efficient Mobility Systems Partnership: No <i>Reduction as a result of entire fleet downsizing</i></p>						
Virginia Department of Environmental Quality	Light-Duty	Propane	16	100% of time	4,018 gal	6.0 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Department of General Services	Light-Duty	CNG	4	100% of time	1,800 gal	3.1 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Department of General Services	Light-Duty	E85	3,361	100% of time	1,189,784 gal	5,682.5 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Department of Transportation	Light-Duty	E85	158	100% of time	55,932 gal	267.1 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Virginia Department of Transportation	Light-Duty	Propane	10	100% of time	3,587 gal	5.3 tons
<p>Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
Virginia International Terminals	Heavy-Duty	Biodiesel (20%)	103	100% of time	96,863 gal	713.8 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: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia International Terminals	Light-Duty	E85	10	100% of time	3,540 gal	16.9 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 Energy Efficient Mobility Systems Partnership: No						
Virginia International Terminals	Light-Duty	Propane	90	100% of time	32,284 gal	47.9 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 Energy Efficient Mobility Systems Partnership: No						
Virginia Natural Gas	Light-Duty	CNG	48	100% of time	21,603 gal	37.3 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 Energy Efficient Mobility Systems Partnership: No						
Virginia Natural Gas	Light-Duty	E85	60	100% of time	21,240 gal	101.4 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 Energy Efficient Mobility Systems Partnership: No						
Virginia Natural Gas	Light-Duty	Propane	2	100% of time	717 gal	1.1 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia Premier Healthcare	Light-Duty	CNG	6	100% of time	3,928 gal	6.8 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 Energy Efficient Mobility Systems Partnership: No						
Virginia Premier Healthcare	Light-Duty	Propane	22	100% of time	7,892 gal	11.7 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: 24 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia Tech Fleet Services	Light-Duty	E85	329	100% of time	169,845 gal	811.2 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 Energy Efficient Mobility Systems Partnership: No						
Washington and Lee University	Light-Duty	Biodiesel (20%)	7	100% of time	765 gal	12.4 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 Energy Efficient Mobility Systems Partnership: No						
Washington and Lee University	Light-Duty	E85	26	100% of time	9,204 gal	44.0 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 Energy Efficient Mobility Systems Partnership: No						
Waste Industries	Heavy-Duty	CNG	27	100% of time	261,237 gal	334.9 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 Energy Efficient Mobility Systems Partnership: No						
Waste Industries	Light-Duty	E85 (blender pump)	1	100% of time	354 gal	1.7 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 Energy Efficient Mobility Systems Partnership: No						
Williamsburg Area Transit Authority	Heavy-Duty	CNG	16	100% of time	39,543 gal	25.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
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 Energy Efficient Mobility Systems Partnership: No						
Williamsburg Area Transit Authority	Light-Duty	CNG	16	100% of time	7,201 gal	12.4 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 Energy Efficient Mobility Systems Partnership: No						
Williamsburg Area Transit Authority	Light-Duty	Propane	2	100% of time	717 gal	1.1 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 24 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Williamsburg- James City County Schools	Heavy-Duty	Biodiesel (20%)	160	100% of time	58,454 gal	430.8 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 7 MPG Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Signed a contract with Dominion Power and Sonny Merryman for 4 Electric school buses. Coming 2021</i>						
Williamsburg- James City County Schools	Heavy-Duty	E85	1	100% of time	2,003 gal	5.4 tons
Miles traveled per vehicle: 22,679 mi Average vehicle fuel economy: 5 MPG Market: General/Unknown Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Williamsburg- James City County Schools	Light-Duty	E85 (blender pump)	34	100% of time	12,036 gal	57.5 tons
Miles traveled per vehicle: 11,370 mi Average vehicle fuel economy: 18 MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
York County	Light-Duty	E85	44	100% of time	15,576 gal	74.4 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: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Total:			23,866		17,546,645 gal	72,062 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: - Energy Efficient Mobility Systems Partnership: No					
	Light-Duty	HEV	18	4,592 gal	54.5 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: - Energy Efficient Mobility Systems Partnership: No					
	Light-Duty	Electric	1	474 gal	4.0 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: - Energy Efficient Mobility Systems Partnership: No					
	Light-Duty	HEV	114	10,802 gal	128.2 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: - Energy Efficient Mobility Systems Partnership: No					
	Heavy-Duty	HEV	9	19,251 gal	230.7 tons
Blacksburg 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: - Energy Efficient Mobility Systems Partnership: No					
	Light-Duty	HEV	10	948 gal	11.2 tons
Blue Ridge Parkway					
	Light-Duty	HEV	3	284 gal	3.4 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: National Parks Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No</p>					
Charlottesville - Municipal/schools	Light-Duty	Electric	6	8,501 gal	87.3 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Charlottesville - Municipal/schools	Light-Duty	HEV	47	3,181 gal	37.7 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Chesterfield County Fleet Management	Light-Duty	Electric	2	948 gal	7.8 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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Chesapeake	Light-Duty	Electric	4	1,895 gal	15.7 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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Chesapeake	Light-Duty	HEV	59	3,993 gal	47.4 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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Lynchburg	Heavy-Duty	HEV	4	8,556 gal	102.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Lynchburg	Light-Duty	HEV	4	251 gal	3.0 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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Richmond	Light-Duty	HEV	3	284 gal	3.4 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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Roanoke Municipal	Light-Duty	Electric	15	6,317 gal	47.7 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: - Energy Efficient Mobility Systems Partnership: No <i>Roanoke also has an unknown number of all fuel mowers</i></p>					
City of Roanoke Municipal	Light-Duty	HEV	15	1,015 gal	12.0 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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Virginia Beach	Light-Duty	Electric	3	1,421 gal	10.3 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: - Energy Efficient Mobility Systems Partnership: No</p>					
City of Virginia Beach	Light-Duty	HEV	82	11,301 gal	134.1 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: - Energy Efficient Mobility Systems Partnership: No</p>					
College of William and Mary	Light-Duty	Electric	13	6,159 gal	49.4 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Dominion Virginia Power	Heavy-Duty	HEV	5	3,691 gal	44.2 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Dominion Virginia Power	Light-Duty	Electric	1	474 gal	3.9 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Dominion Virginia Power	Light-Duty	HEV	45	4,264 gal	50.6 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Excel Heating and Cooling	Light-Duty	HEV	9	1,885 gal	22.4 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: - Energy Efficient Mobility Systems Partnership: No</p>					
George Washington Birthplace National Monument	Light-Duty	HEV	3	284 gal	3.4 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: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No</p>					
Greater Richmond Transit Company	Light-Duty	Electric	2	948 gal	7.6 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Groome Transportation	Light-Duty	HEV	7	756 gal	9.0 tons
<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: - Energy Efficient Mobility Systems Partnership: No</p>					
Hampton Roads Sanitation district	Light-Duty	HEV	12	227 gal	2.7 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Hampton Roads Transit	Heavy-Duty	HEV	42	344,933 gal	4,133.3 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: - Energy Efficient Mobility Systems Partnership: No</p> <p><i>Plans 5-8 EV Transit Buses</i></p>					
James City County - Municipal	Light-Duty	HEV	7	1,526 gal	18.1 tons
<p>Average vehicle fuel economy: 44 MPG Miles traveled per vehicle per year: 11,507 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No</p>					
James Madison University	Heavy-Duty	HEV	1	594 gal	7.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<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: - Energy Efficient Mobility Systems Partnership: No</p>					
James Madison University	Light-Duty	Electric	3	1,421 gal	11.8 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: - Energy Efficient Mobility Systems Partnership: No</p>					
James Madison University	Light-Duty	HEV	20	1,354 gal	16.1 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: - Energy Efficient Mobility Systems Partnership: No</p>					
James River Petroleum	Light-Duty	HEV	2	190 gal	2.2 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: - Energy Efficient Mobility Systems Partnership: No</p>					
J Sergeant Reynolds Community College	Light-Duty	Electric	2	1,046 gal	9.2 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: - Energy Efficient Mobility Systems Partnership: No</p>					
J Sergeant Reynolds Community College	Light-Duty	HEV	3	188 gal	2.2 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Liberty University	Light-Duty	Electric	4	1,895 gal	15.2 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: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No</p>					
Misc GEM EV Sales	Light-Duty	Electric	6	2,843 gal	22.8 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Norfolk Botanical Gardens	Light-Duty	Electric	20	9,475 gal	80.9 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Other Registered Electric Vehicles Virginia	Light-Duty	Electric	841	417,120 gal	3,046.2 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: - Energy Efficient Mobility Systems Partnership: No</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	24,218.1 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: - Energy Efficient Mobility Systems Partnership: No</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 Registered Plug-In Hybrid Electric Vehicles	Light-Duty	PHEV	412	133,499 gal	1,163.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<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: - Energy Efficient Mobility Systems Partnership: No</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>					
Richfield Retirement Center	Light-Duty	Electric	5	2,369 gal	19.6 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: - Energy Efficient Mobility Systems Partnership: No</p> <p><i>Plans to increase fleet size in the future include more electric vehicles</i></p>					
RVATukTuk	Light-Duty	Electric	4	2,092 gal	19.7 tons
<p>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: - Energy Efficient Mobility Systems Partnership: No</p> <p><i>All electric vehicles are electric TukTuks</i></p>					
Shenandoah National Park	Light-Duty	Electric	11	5,211 gal	43.2 tons
<p>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: - Energy Efficient Mobility Systems Partnership: No</p>					
Spotsylvania County	Light-Duty	HEV	1	95 gal	1.1 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: - Energy Efficient Mobility Systems Partnership: No</p>					
State Farm Insurance	Light-Duty	HEV	9	853 gal	10.1 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: - Energy Efficient Mobility Systems Partnership: No</p>					
University of Virginia - Transportation	Light-Duty	Electric	2	948 gal	7.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No					
University of Virginia - Transportation	Light-Duty	HEV	3	57 gal	0.7 tons
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: - Energy Efficient Mobility Systems Partnership: No					
US Air Force	Light-Duty	Electric	2	948 gal	8.1 tons
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: - Energy Efficient Mobility Systems Partnership: No					
US Air Force	Light-Duty	HEV	1	19 gal	0.2 tons
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: - Energy Efficient Mobility Systems Partnership: No					
US Army - Ft. Eustis	Light-Duty	Electric	11	5,211 gal	44.5 tons
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: - Energy Efficient Mobility Systems Partnership: No					
US Army - Ft. Eustis	Light-Duty	HEV	11	744 gal	8.8 tons
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: - Energy Efficient Mobility Systems Partnership: No					
US Army - Ft Lee	Light-Duty	Electric	31	14,686 gal	121.7 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: Government - Federal Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No</p>					
US Army - Ft Lee	Light-Duty	HEV	3	284 gal	3.4 tons
<p>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: - Energy Efficient Mobility Systems Partnership: No</p>					
US Navy	Light-Duty	Electric	214	101,383 gal	813.9 tons
<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: - Energy Efficient Mobility Systems Partnership: No</p>					
US Navy	Light-Duty	HEV	255	17,258 gal	204.8 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: - Energy Efficient Mobility Systems Partnership: No</p>					
VA Eagle Distributing	Heavy-Duty	Electric	30	152,789 gal	1,789.9 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: - Energy Efficient Mobility Systems Partnership: No</p> <p>Forklifts</p>					
Virginia Beach Public Schools	Light-Duty	Electric	3	2,067 gal	18.8 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Beach Public Schools	Light-Duty	HEV	3	203 gal	2.4 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Commonwealth University	Heavy-Duty	HEV	3	234 gal	2.8 tons
<p>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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Commonwealth University	Light-Duty	Electric	4	2,092 gal	18.4 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Commonwealth University	Light-Duty	HEV	4	251 gal	3.0 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Department of Environmental Quality	Light-Duty	HEV	4	251 gal	3.0 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: - Energy Efficient Mobility Systems Partnership: No <i>Rightsizing fleet project was undertaken in this year</i></p>					
Virginia Department of General Services	Light-Duty	Electric	1	474 gal	4.0 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Department of General Services	Light-Duty	HEV	4	271 gal	3.2 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 - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia International Terminals	Heavy-Duty	HEV	2	1,477 gal	17.7 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia International Terminals	Light-Duty	HEV	10	677 gal	8.0 tons
<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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Port Authority	Heavy-Duty	HEV	3	15,261 gal	182.9 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Port Authority	Light-Duty	HEV	2	288 gal	3.4 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Virginia Tech Fleet Services	Light-Duty	Electric	14	6,633 gal	56.6 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: - Energy Efficient Mobility Systems Partnership: No</p>					
<p>No changes; EV purchases being delayed due to budget cuts; updates to Climate Action Commitment anticipated, expected to push university toward more EVs</p>					
Virginia Tech Fleet Services	Light-Duty	HEV	11	744 gal	8.8 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 - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - Energy Efficient Mobility Systems Partnership: No</p>					
Washington and Lee University	Light-Duty	Electric	5	2,369 gal	19.6 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Westminster Canterbury	Light-Duty	Electric	19	9,001 gal	74.6 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Williamsburg Area Transit Authority	Light-Duty	Electric	2	2,834 gal	31.2 tons
<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: - Energy Efficient Mobility Systems Partnership: No</p>					
Williamsburg Area Transit Authority	Light-Duty	HEV	3	1,002 gal	11.9 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: - Energy Efficient Mobility Systems Partnership: No</p>					
Williamsburg- James City City County Schools	Light-Duty	HEV	3	646 gal	7.7 tons
<p>Average vehicle fuel economy: 44 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: - Energy Efficient Mobility Systems Partnership: No</p>					
York County	Light-Duty	HEV	7	133 gal	1.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<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: - Energy Efficient Mobility Systems Partnership: No</p>					

Total: 10,270 3,411,891 gal 37,458 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Belmont Golf Course	Recreational equipment	Alternative fuel or vehicles	Electric	61	4,358 gal	25.6 tons
<p>Fuel used: 50,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
City of Chesapeake	Recreational equipment	Alternative fuel or vehicles	Electric	1	22 gal	0.1 tons
<p>Fuel used: 250 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
City of Chesapeake	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	1	379 gal	-0.2 tons
<p>Fuel used: 600 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
City of Fairfax, Department of Public Works	Construction equipment	Alternative fuel or vehicles	Propane	2	505 gal	-0.2 tons
<p>Fuel used: 1,600 gal Percentage from coalition: 50% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
City of Norfolk - Municipal	Construction equipment	Alternative fuel or vehicles	Electric	2	2,615 gal	15.3 tons
<p>Fuel used: 30,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
City of Richmond	Recreational equipment	Alternative fuel or vehicles	Propane	2	2,524 gal	-1.2 tons
<p>Fuel used: 4,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p>						
College of William and Mary	Recreational equipment	Alternative fuel or vehicles	Electric	10	70 gal	0.4 tons

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Fuel used: 800 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Golf carts</i>						
College of William and Mary	Recreational equipment	Alternative fuel or vehicles	Electric	2	14 gal	0.1 tons
Fuel used: 160 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Segways</i>						
Dominion Virginia Power	Forklifts	Alternative fuel or vehicles	Propane	118	6,815 gal	-3.2 tons
Fuel used: 10,800 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>This reflects use of 300 gallons per forklift</i>						
James Madison University	Recreational equipment	Alternative fuel or vehicles	Electric	5	9 gal	0.1 tons
Fuel used: 100 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Golf Carts</i>						
James Madison University	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	4	492 gal	-0.2 tons
Fuel used: 780 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Shenandoah National Park	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	12	5,048 gal	-2.4 tons
Fuel used: 8,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia Beach City Public Schools	Recreational equipment	Alternative fuel or vehicles	Electric	45	3,138 gal	18.4 tons
Fuel used: 36,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia Beach City Public Schools	Forklifts	Alternative fuel or vehicles	Propane	2	1,388 gal	-0.7 tons
Fuel used: 2,200 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Virginia Commonwealth University	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	4	492 gal	-0.2 tons

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Fuel used: 780 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <i>Mowers</i>						
Virginia Natural Gas	Forklifts	Alternative fuel or vehicles	Electric	2	70 gal	0.4 tons
Fuel used: 800 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No						
Total:				273	27,937 gal	52 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	550	75,000 mi	3,967,381 gal	47,540.8 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <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>						
Total:			550	75,000 mi	3,967,381 gal	47,541 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Bay Transit	Route Optimization	Heavy-Duty	4,617 gal	55.3 tons
Fuel saved: 8,000 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <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>				
Blacksburg Transit	Route Optimization	Heavy-Duty	37,394 gal	448.1 tons
Fuel saved: 81,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No <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>				
BRITE Transit	Route Optimization	Heavy-Duty	6,002 gal	71.9 tons
Fuel saved: 13,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
Charlottesville Area Transit	Route Optimization	Heavy-Duty	44,781 gal	536.6 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Fuel saved: 97,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
Danville Transit System	Route Optimization	Heavy-Duty	7,848 gal	94.0 tons
Fuel saved: 17,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
Four County Transit	Route Optimization	Heavy-Duty	3,232 gal	38.7 tons
Fuel saved: 7,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
Fredericksburg Regional Transit	Route Optimization	Heavy-Duty	6,925 gal	83.0 tons
Fuel saved: 15,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
Greater Lynchburg Transit Company	Route Optimization	Heavy-Duty	54,937 gal	658.3 tons
Fuel saved: 119,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
Greater Roanoke Transit company, Valley Metro	Route Optimization	Heavy-Duty	49,513 gal	593.3 tons
Fuel saved: 143,000 gallons Percentage from coalition: 30% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
GRTC Transit	Route Optimization	Heavy-Duty	336,549 gal	4,032.8 tons
Fuel saved: 729,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				
Hampton Roads Transit	Route Optimization	Heavy-Duty	396,565 gal	4,752.0 tons
Fuel saved: 859,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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>				

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Harrison Public Transit	Route Optimization	Heavy-Duty	24,006 gal	287.7 tons
<p>Fuel saved: 52,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p> <p><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></p>				
Hburg Pedicab	Non-motorized locomotion (e.g., bicycles)	Light-Duty	350 gal	4.2 tons
<p>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 Energy Efficient Mobility Systems Partnership: No</p> <p><i>Represents impact of two pedal powered cabs operating part of the year in Harrisonburg Virginia. Is actual VMT reported by Harrisonburg Pedicab.</i></p>				
JAUNT	Route Optimization	Heavy-Duty	15,235 gal	182.6 tons
<p>Fuel saved: 33,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p> <p><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></p>				
OmniRide	Route Optimization	Heavy-Duty	553,991 gal	6,638.4 tons
<p>Fuel saved: 1,200,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p> <p><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></p>				
Petersburg Area Transit	Route Optimization	Heavy-Duty	7,387 gal	88.5 tons
<p>Fuel saved: 16,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p> <p><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></p>				
Radford Transit	Route Optimization	Heavy-Duty	6,925 gal	83.0 tons
<p>Fuel saved: 15,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p> <p><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></p>				
Total Virginia Green Fleet Bikes	Non-motorized locomotion (e.g., bicycles)	Light-Duty	1,680 gal	19.9 tons
<p>Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 25 MPG Number of vehicles driven less: 70 VMT project per vehicle being driven less: 600 mi Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No</p> <p><i>This represents fleet bikes used to replace car trips.</i></p>				

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Virginia Regional Transit	Route Optimization	Heavy-Duty	5,078 gal	60.9 tons
Fuel saved: 11,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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	9,141 gal	109.5 tons
Fuel saved: 19,800 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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	30,008 gal	359.6 tons
Fuel saved: 65,000 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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	3,139 gal	37.6 tons
Fuel saved: 6,800 gallons Percentage from coalition: 40% National Clean Fleets Partnership: No Energy Efficient Mobility Systems 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:			1,605,302 gal	19,236 tons

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
IdleAir	53	3,650 hrs/year	223,270 gal	2,675.4 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No				
Shore Power Near Lexington	24	2,400 hrs/year	66,479 gal	796.6 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No				
Total:	77		289,749 gal	3,472 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	0.40 gal/hr	1,856 gal	22.2 tons
Type of project: Direct-fire heater Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No Energy Efficient Mobility Systems Partnership: No					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Virginia Beach Public Schools	10	59 mins/day 365 days/year	0.40 gal/hr	1,326 gal	15.9 tons

Type of project: Direct-fire heater
 Type of vehicle: Heavy-Duty - Bus: School
 Percentage from coalition: 80%
 National Clean Fleets Partnership: No
 Energy Efficient Mobility Systems Partnership: No

Total:	24			3,181 gal	38 tons
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FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	0	0
CNG - Compressed Natural Gas	0	0
E85 - 85% Ethanol	0	0
Electric Charging Outlets: Level 1 & Level 2	100	20
Electric Charging Outlets: DC Fast Chargers	30	30
Hydrogen	0	0
LNG - Liquefied Natural Gas	0	0
Propane	0	0
Total:	130	50

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
EMU Featured Speaker	02/22/2020	Workshop Held By Coalition	100%	40
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction Audience: General Public, Government, Other				
Pathways for Future Engineers	07/20/2020	Conference Participation	50%	25
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction Audience: General Public, Government, Other <i>virtual event</i>				
2020 Governor's Environmental Excellence Awards Ceremony	08/21/2020	Meeting - Other	50%	25
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Transit, Other <i>Coordinator presented a short summary of the coalition's work and expressed the desire for greater partnerships between stakeholders to further coalition goals.</i>				
CIT/AECOM EV Infrastructure Workshop	08/25/2020	Conference Participation	50%	30

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Other				
Midwest Green Transportation Forum & Expo	09/24/2020, 09/25/2020	Conference Participation	50%	25
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility, Other				
Virginia EV Bootcamp	09/24/2020	Workshop Held By Coalition	50%	60
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Other <i>virtual event</i>				
Virginia EV Bootcamp	10/07/2020	Workshop Held By Coalition	50%	60
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Other <i>virtual event</i>				
Electrify Virginia: Taking on Transportation Emissions ½ Earth Day Celebration	10/15/2020	Conference Participation	50%	35
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction Audience: General Public, Government, Other <i>virtual event</i>				
Thomas Built VA Electric Bus Rollout	10/27/2020	Workshop Held By Coalition	100%	40
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Other				
Lordstown Motors Endurance Tour: Richmond	11/13/2020	Workshop Held By Coalition	100%	40
Technology: Electric vehicles, Hybrid electric vehicles Audience: Government, Private Fleets				
Total:				380

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2020	Matching Funds Spent in 2020	Total Project Funding Spent in 2020
Center for Sustainable Energy	\$25,000	\$5,000	\$30,000	-	-	\$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 Details: 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. Funds contracted to coalitions or received from coalitions: Coalitions involved:						
Department of Energy	\$670,000	-	\$670,000	-	-	\$0

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2020	Matching Funds Spent in 2020	Total Project Funding Spent in 2020
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 Details: VCC will manage this project to allow school fleets to test electric school buses. Funds contracted to coalitions or received from coalitions: Coalitions involved:						
Department of Energy	\$5,989,584	\$22,025,798	\$28,015,382	\$1,996,528	\$7,341,933	\$9,338,461
Length of grant: 3 years Year grant began: 2020 Sources of the grant: U.S. Department of Energy Partners: Argonne National Laboratory, Baltimore Gas & Electric, Beam Solar, Blink, Charlottesville City, Dominion Energy, EV Noire, Greenspot, GWRCCC, Maryland Clean Cities, Maryland Department of Energy, PEPCO, Sonny Merryman, Tradepoint Atlantic, WV Clean Fuels Technologies: Electricity Funds contracted to coalitions or received from coalitions: contracting Coalitions involved: Greater Washington Region Clean Cities Coalition, State of Maryland Clean Cities, State of West Virginia Clean Cities						
Department of Energy	\$60,000	\$60,000	\$120,000	\$20,000	\$20,000	\$40,000
Length of grant: 3 years Year grant began: 2020 Sources of the grant: U.S. Department of Energy Partners: Adomani, Alabama Clean Fuels Coalition, Altec, American Public Gas Association, Clean Fuels Ohio, Columbia-Willamette Clean Cities Coalition, Dominion Energy, Eco Vehicle Systems, Electric Drive Transportation Association, Landi Renzo, National Biodiesel Board, Natural Gas Vehicle Institute, NGVAmerica, Nissan, Northwest Natural Gas, Propane Education & Research Council, Renewable Energy Group, Roush CleanTech, South Shore Clean Cities, Toyota, Transportation Energy Partners, Utah Clean Cities, Wisconsin Clean Cities, World Energy Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, Electricity, H2 - Hydrogen, Idle Reduction, Propane						
Department of Energy	\$60,000	\$60,000	\$120,000	\$20,000	\$20,000	\$40,000
Length of grant: 3 years Year grant began: 2020 Sources of the grant: U.S. Department of Energy Partners: NFPA Technologies: Electricity						
Department of Energy	\$100,000	\$105,000	\$205,000	\$33,333	\$35,000	\$68,333
Length of grant: 3 years Year grant began: 2020 Sources of the grant: U.S. Department of Energy Partners: East Tennessee Clean Fuels Technologies: Electricity Funds contracted to coalitions or received from coalitions: receiving Coalitions involved: East Tennessee Clean Fuels Coalition						
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 Funds contracted to coalitions or received from coalitions: Coalitions involved:						
Ecologix Group	\$21,400	\$0	\$21,400	\$10,700	\$0	\$10,700

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2020	Matching Funds Spent in 2020	Total Project Funding Spent in 2020
Length of grant: 2 years Year grant began: 2020 Sources of the grant: None of the above Partners: Ecologix Group Technologies: Biodiesel Blends, CNG - Compressed Natural Gas, Electricity, Propane						
Energetics	\$23,800	\$0	\$23,800	-	-	\$0
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 Details: VCC will provide technical assistance in the collection of EVSE data. Funds contracted to coalitions or received from coalitions: Coalitions involved:						
Energy Foundation	\$36,400	\$36,400	\$72,800	\$36,400	\$36,400	\$72,800
Length of grant: 1 years Year grant began: 2020 Sources of the grant: Foundation or Nonprofit Partners: Energy Foundation Technologies: Electricity						
EPA	\$2,037,316	\$8,995,683	\$11,032,999	-	-	\$0
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 Details: EPA is providing \$2037,316 in grant funding to VCC to replace 79 pre-2009 diesel tractor trailers with CNG and newer diesel trucks. Funds contracted to coalitions or received from coalitions: Coalitions involved:						
Virginia DEQ	\$14,000,000	-	\$14,000,000	-	-	\$0
Length of grant: 3 years Year grant began: 2018 Sources of the grant: Volkswagen Settlement Partners: EVgo Technologies: Electricity Purpose: Electric Charger Deployment Details: EV grant provides resources to install electric chargers in our Electrify Virginia program. Funds contracted to coalitions or received from coalitions: Coalitions involved:						
Total:	\$32,023,500	\$31,287,881	\$63,311,381	\$2,116,961	\$7,453,333	\$9,570,294