

2017 Transportation Technology Deployment Report:

Virginia Clean Cities

Expanded Edition

March 2018



U.S. Department of Energy

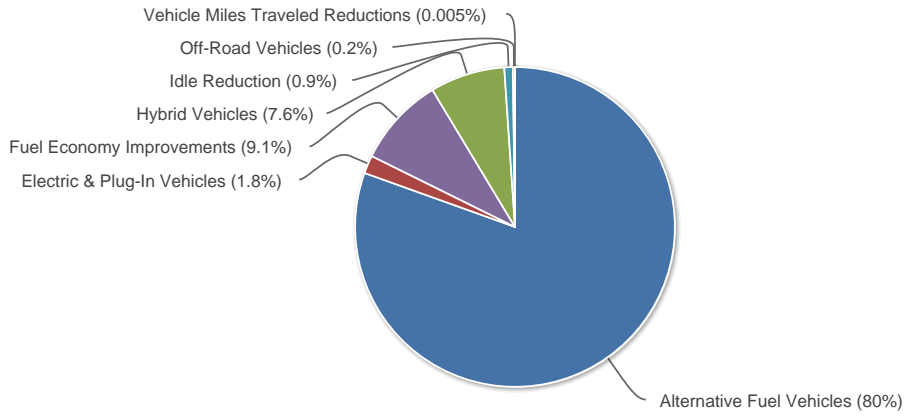
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and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

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

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

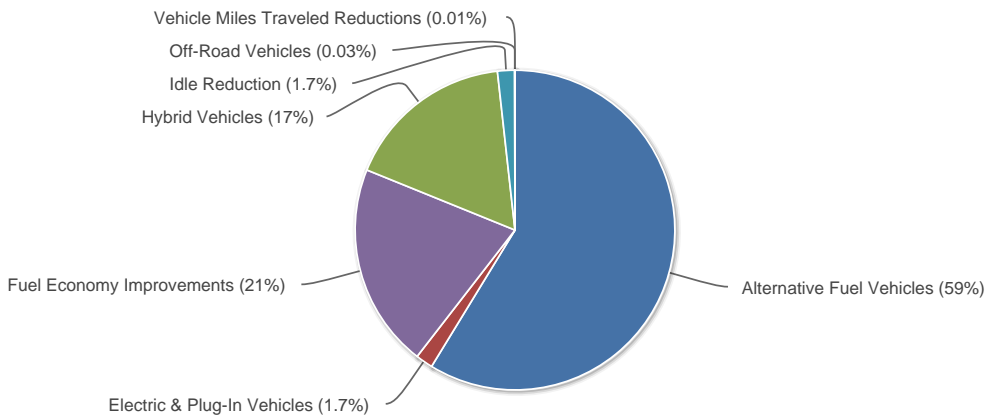
2017 Gallons of Gasoline Equivalent Reduced

32,448,571 gallons

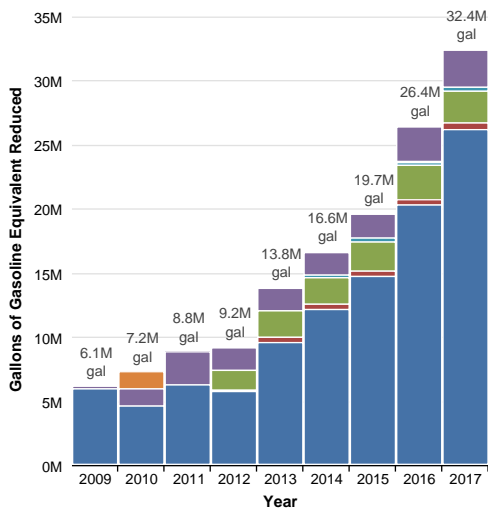


2017 Greenhouse Gas Emissions Reduced

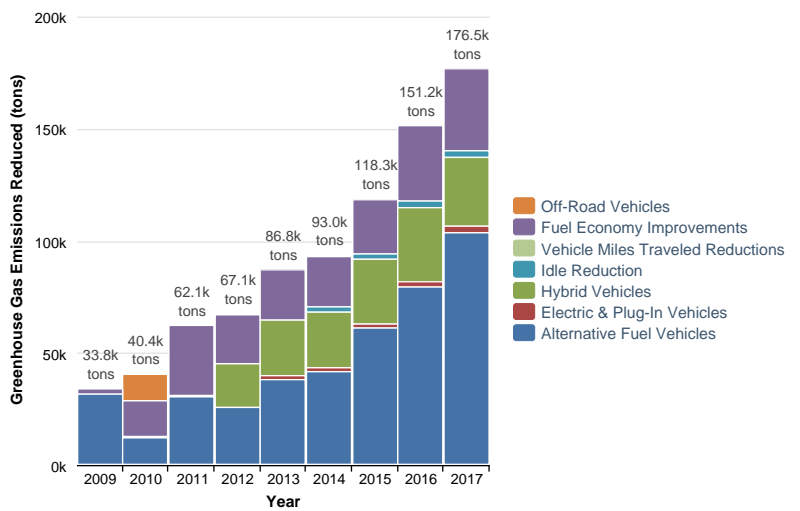
176,454 tons



Historical Gallons of Gasoline Equivalent Reduced

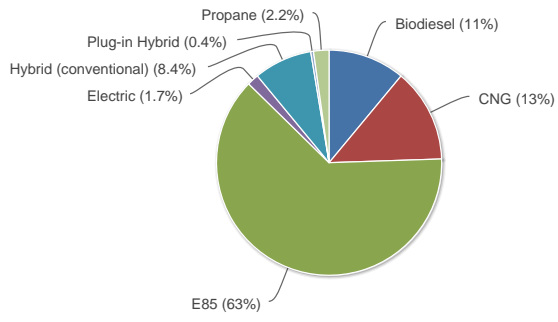


Historical Greenhouse Gas Emissions Reduced



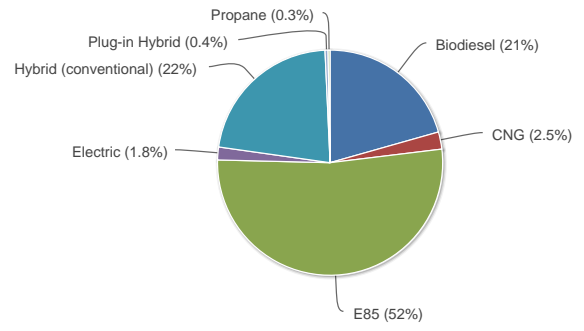
2017 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

29,226,241 gallons



2017 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

136,972 tons



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 22802		
Matthew Wade			

Number of coordinators	2
Coordinator(s) hours per week on Clean Cities	40 hours
Other staff hours per week on Clean Cities	40 hours
How long have you been the coordinator?	8 years

OPERATING INFORMATION

Host organization	Nonprofit - Standalone
Stakeholders	
Number of stakeholders	250
Number of private stakeholders	90
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes
Explain State Energy Office's support	The State Energy Office provides funding for Virginia Clean Cities.
How would you rate the quality of the data on your survey?	Excellent
How do you obtain most of your data for the survey?	Coalition records, Estimates, Online questionnaire to stakeholders (SurveyMonkey, Google Forms, etc), Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov?	Yes

2017 Outside Funding

Stakeholder dues collected	\$57,750
How much funding is obtained from other sources to cover coalition operating expenses?	\$79,116
Non-DOE or ARRA grant and matching funds spent in 2017	\$0
Total non-DOE or ARRA funding in 2017	\$136,866

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Additional Biodiesel Production	Heavy-Duty	Biodiesel (100%)	150	2,100,000 gal	2,238,600 gal	19,603.4 tons
<p>Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>This represents the additional biodiesel produced by stakeholders in the Commonwealth of the 3.4 million gallons distributed to stations for public biodiesel fleets. This excludes the entire quantity of biodiesel used by fleets elsewhere in the report.</i></p>						
Additional Ethanol Production	Light-Duty	E85	20,000	20,000,000 gal	11,560,000 gal	45,095.6 tons
<p>Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>This represents the additional ethanol produced in the Commonwealth (37 million gallons the previous year and 46 million gallons in 2017) and distributed to stations and for public ethanol fleets. This excludes the entire quantity of ethanol used by fleets elsewhere in the report. Virginia Clean Cities is the ethanol advancing agent for Virginia, ran the state's program to educate on ethanol and build first 12 stations with ethanol deployment program in 2006-2011. Facilitated and supported several fleets who took leadership roles beyond EPACT waivers to install fueling stations at their behind-the-fence fueling locations. VCC facilitated terminal and infrastructure and production working groups and annual inventories starting in 2010 and continuing annually. VCC supported ethanol fleet workshops, station builder workshops, and the production incentive for 2011-2016. Built 30 additional station 2016-2017 and currently deploying stations and advancing fleet vehicles. Supported national clean cities program with ethanol information and contact resources. Represented one of a few coalitions working on ethanol as a motor-fuel. Coalition participates in multiple station opening events over program year and multiple agricultural educational and conference events to discuss and advance ethanol. This represents volume of fuel used in E85 ethanol not E10 gasoline blends. Fueling stations we've built are tracked only during periods when external partners are able to support reporting and to support coalition time to compile reports and many fueling stations built in Virginia and Maryland advance 30,000 gallons of higher ethanol blends per month in Virginia.</i></p>						
Albemarle County	Heavy-Duty	Biodiesel (20%)	13	75% of time	8,564 gal	75.0 tons
<p>Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Albemarle County	Light-Duty	E85 (blender pump)	3	50% of time	905 gal	3.5 tons
<p>Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Bioride	Light-Duty	Biodiesel (20%)	7	75% of time	657 gal	6.0 tons
<p>Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Blue Ridge Parkway	Light-Duty	E85	23	25% of time	2,616 gal	10.2 tons
<p>Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Blue Ridge Parkway	Light-Duty	Propane	2	100% of time	978 gal	1.4 tons
Miles traveled per vehicle: 11,244 mi Average vehicle fuel economy: 23 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Charlottesville	Heavy-Duty	Biodiesel (20%)	50	75% of time	32,937 gal	288.4 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Charlottesville	Heavy-Duty	CNG	2	100% of time	4,215 gal	3.5 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						
Charlottesville	Light-Duty	Biodiesel (20%)	15	75% of time	1,237 gal	11.3 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 23 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Charlottesville	Light-Duty	CNG	5	100% of time	2,722 gal	3.5 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Charlottesville	Light-Duty	E85	7	25% of time	821 gal	3.2 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Chesterfield County Fleet Management	Heavy-Duty	Propane	28	100% of time	59,012 gal	23.1 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
<i>Virginia provided a vehicle incentive for the incremental cost of purchasing these vehicles - that program was administered by Virginia Clean Cities. This is the largest propane school fleet in Virginia.</i>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Chesterfield County Fleet Management	Light-Duty	E85	100	25% of time	11,374 gal	44.4 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Chesterfield County Fleet Management	Light-Duty	Propane	60	100% of time	32,663 gal	46.2 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Chesapeake	Heavy-Duty	CNG	46	100% of time	404,025 gal	340.2 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Chesapeake	Heavy-Duty	E85	1	25% of time	592 gal	1.5 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Chesapeake	Light-Duty	CNG	1	100% of time	480 gal	0.6 tons
Miles traveled per vehicle: 11,048 mi Average vehicle fuel economy: 23 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Chesapeake	Light-Duty	E85	316	85% of time	105,435 gal	411.3 tons
Miles traveled per vehicle: 11,244 mi Average vehicle fuel economy: 17 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Chesapeake	Light-Duty	Propane	19	100% of time	9,208 gal	13.0 tons
Miles traveled per vehicle: 11,244 mi Average vehicle fuel economy: 23 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Manassas	Light-Duty	E85	87	85% of time	28,770 gal	112.2 tons
Miles traveled per vehicle: 11,244 mi Average vehicle fuel economy: 17 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
<i>in the BIP project, the coalition also built an ethanol station in Manassas.</i>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Norfolk - Municipal	Light-Duty	CNG	6	100% of time	2,908 gal	3.8 tons
Miles traveled per vehicle: 11,244 mi Average vehicle fuel economy: 23 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Norfolk - Municipal	Light-Duty	E85	147	25% of time	15,715 gal	61.3 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Norfolk - Municipal	Light-Duty	Propane	21	100% of time	11,218 gal	15.9 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Petersburg	Light-Duty	Propane	14	50% of time	3,692 gal	5.2 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Richmond	Heavy-Duty	CNG	30	100% of time	131,747 gal	110.9 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Richmond	Light-Duty	CNG	76	85% of time	36,557 gal	47.4 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Roanoke - Municipal	Heavy-Duty	Biodiesel (20%)	150	75% of time	98,810 gal	865.3 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Roanoke - Municipal	Heavy-Duty	Propane	3	25% of time	3,662 gal	1.4 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Roanoke - Municipal	Light-Duty	Biodiesel (20%)	25	75% of time	2,062 gal	18.9 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 23 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Roanoke - Municipal	Light-Duty	Propane	11	25% of time	1,450 gal	2.1 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Staunton - Public Works	Heavy-Duty	Biodiesel (20%)	56	75% of time	36,889 gal	323.0 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Staunton - Public Works	Light-Duty	E85	64	25% of time	7,506 gal	29.3 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Clark Gas and Oil	Light-Duty	CNG	6	85% of time	2,886 gal	3.7 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Dominion Virginia Power	Heavy-Duty	Biodiesel (10%)	802	90% of time	316,984 gal	2,775.8 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Dominion Virginia Power	Light-Duty	Biodiesel (10%)	11	90% of time	620 gal	5.7 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Dominion Virginia Power	Light-Duty	E85	874	25% of time	99,411 gal	387.8 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
E85	Light-Duty	E85	14,000	100% of time	5,970,380 gal	23,290.5 tons
<p>Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>This represents a portion of consumer E85 vehicles operating in Virginia.</i></p>						
Gloucester County Schools	Heavy-Duty	Biodiesel (20%)	113	75% of time	35,723 gal	312.8 tons
<p>Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPG Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Gloucester County Schools	Heavy-Duty	Propane	8	100% of time	16,860 gal	6.6 tons
<p>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</p>						
Gloucester County Schools	Light-Duty	Biodiesel (20%)	4	75% of time	330 gal	3.0 tons
<p>Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 23 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Greater Richmond Transit Company	Heavy-Duty	CNG	73	100% of time	321,843 gal	271.0 tons
<p>Miles traveled per vehicle: 30,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No</p>						
Greater Richmond Transit Company	Light-Duty	CNG	65	100% of time	25,712 gal	33.3 tons
<p>Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No</p>						
Greater Richmond Transit Company	Light-Duty	E85	4	25% of time	320 gal	1.2 tons
<p>Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Groome Transportation	Light-Duty	Propane	13	85% of time	8,942 gal	12.6 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 15 MPGge Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Halifax County - Schools	Heavy-Duty	Propane	20	100% of time	97,652 gal	38.3 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Halifax County - Schools	Light-Duty	Propane	20	100% of time	10,549 gal	14.9 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Holtzman	Heavy-Duty	Propane	2	100% of time	4,400 gal	1.7 tons
Miles traveled per vehicle: 13,123 mi Average vehicle fuel economy: 7 MPGde Market: Utility Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
<i>Holtzman has two freightliner trucks operating in their service territory that run on propane autogas - propane is not a regulated utility but is used to heat homes and businesses.</i>						
Holtzman	Light-Duty	Propane	18	75% of time	10,924 gal	15.4 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 15 MPGge Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
<i>Holtzman Oil - stakeholder, uses propane in their sales fleet, cars and light trucks</i>						
Isle of Wight County - Schools	Heavy-Duty	Propane	12	100% of time	25,291 gal	9.9 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						
James City County - Municipal	Heavy-Duty	Biodiesel (5%)	25	100% of time	6,103 gal	53.4 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
James City County - Municipal	Light-Duty	Biodiesel (5%)	108	75% of time	2,134 gal	19.5 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 24 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James City County - Municipal	Light-Duty	E85	34	25% of time	3,278 gal	12.8 tons
Miles traveled per vehicle: 11,048 mi Average vehicle fuel economy: 17 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
James City County - Municipal	Light-Duty	Propane	2	85% of time	897 gal	1.3 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James City County - Schools	Light-Duty	E85	29	50% of time	6,184 gal	24.1 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James Madison University	Heavy-Duty	E85	2	25% of time	1,959 gal	4.8 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						
James Madison University	Light-Duty	E85	103	25% of time	10,981 gal	42.8 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James Madison University	Light-Duty	Propane	14	85% of time	6,276 gal	8.9 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
J Sergeant Reynolds Community College	Light-Duty	E85	3	25% of time	320 gal	1.2 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
King & Queen County Public Schools	Heavy-Duty	Biodiesel (20%)	23	75% of time	16,845 gal	147.5 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Newport News - City	Heavy-Duty	Biodiesel (20%)	253	75% of time	185,294 gal	1,622.6 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Newport News - City	Light-Duty	Biodiesel (20%)	285	75% of time	22,527 gal	206.1 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 24 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Newport News - City	Light-Duty	E85	315	25% of time	33,583 gal	131.0 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Newport News - City	Light-Duty	Propane	28	85% of time	17,181 gal	24.3 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGe Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Norfolk Botanical Gardens	Heavy-Duty	Biodiesel (20%)	1	75% of time	732 gal	6.4 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Norfolk Public Schools	Light-Duty	CNG	3	85% of time	1,345 gal	1.7 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGe Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Norfolk Public Schools	Light-Duty	E85	15	25% of time	1,599 gal	6.2 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Norfolk Public Schools	Light-Duty	Propane	2	85% of time	897 gal	1.3 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Phillips Oil & Gas	Heavy-Duty	Propane	1	85% of time	4,150 gal	1.6 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						
Phillips Oil & Gas	Light-Duty	E85	2	75% of time	640 gal	2.5 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Phillips Oil & Gas	Light-Duty	Propane	4	100% of time	2,110 gal	3.0 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Prince William County	Light-Duty	E85	500	25% of time	42,113 gal	164.3 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 20 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Prince William County	Light-Duty	Propane	1	100% of time	527 gal	0.7 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Range Resources	Light-Duty	CNG	162	85% of time	72,627 gal	94.1 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Reco Biodiesel	Heavy-Duty	Biodiesel (20%)	7	100% of time	6,836 gal	59.9 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Reco Biodiesel	Light-Duty	Biodiesel (20%)	1	100% of time	105 gal	1.0 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 24 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Revere Gas	Heavy-Duty	Propane	1	100% of time	4,883 gal	1.9 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						
Revere Gas	Light-Duty	Propane	4	100% of time	1,963 gal	2.8 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 23 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Schwan's - Medium-duty Propane	Heavy-Duty	Propane	45	198,816 gal	135,453 gal	53.1 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Spotsylvania County	Heavy-Duty	Propane	16	100% of time	78,121 gal	30.6 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Spotsylvania County	Light-Duty	E85	98	25% of time	10,448 gal	40.8 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Spotsylvania County	Heavy-Duty	E85	3	25% of time	2,292 gal	5.6 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 5 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Spotsylvania County	Light-Duty	Propane	41	85% of time	25,158 gal	35.6 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
St. Catherine's School	Heavy-Duty	CNG	4	100% of time	8,430 gal	7.1 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
St. Catherine's School	Heavy-Duty	E85	1	100% of time	1,706 gal	4.2 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 4 MPG Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
St. Catherine's School	Light-Duty	CNG	4	50% of time	1,328 gal	1.7 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 17 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
St. Catherine's School	Light-Duty	E85	1	100% of time	396 gal	1.5 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 17 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
SuperValu Mechanicsville Center	Heavy-Duty	Biodiesel (20%)	105	25% of time	25,634 gal	224.5 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						
SuperValu Mechanicsville Center	Heavy-Duty	CNG	65	100% of time	894,216 gal	752.9 tons
Miles traveled per vehicle: 65,897 mi Average vehicle fuel economy: 5 MPGde Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
TFC Recycling	Heavy-Duty	CNG	38	100% of time	350,382 gal	295.0 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
University of Virginia - Facilities	Heavy-Duty	Biodiesel (20%)	30	75% of time	21,972 gal	192.4 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
University of Virginia - Facilities	Light-Duty	Biodiesel (20%)	20	75% of time	1,581 gal	14.5 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 24 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
University of Virginia - Facilities	Light-Duty	Propane	2	100% of time	1,055 gal	1.5 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
University of Virginia - Transportation	Heavy-Duty	Biodiesel (20%)	34	75% of time	24,901 gal	218.1 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						
University of Virginia - Transportation	Light-Duty	E85	2	100% of time	853 gal	3.3 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
UPS - Heavy-duty CNG	Heavy-Duty	CNG	174	1,180,484 GGE	1,062,436 gal	894.6 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: Yes <i>This includes class 4-6 package delivery trucks and class 7-8 tractors</i>						
US Air Force	Heavy-Duty	Biodiesel (20%)	162	75% of time	29,662 gal	259.7 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
US Air Force	Light-Duty	Biodiesel (20%)	43	75% of time	850 gal	7.8 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 24 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
US Air Force	Light-Duty	CNG	6	100% of time	791 gal	1.0 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
US Air Force	Light-Duty	E85	55	100% of time	5,864 gal	22.9 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
US Lawns	Heavy-Duty	CNG	14	100% of time	68,356 gal	57.6 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						
US Navy	Heavy-Duty	Biodiesel (20%)	538	75% of time	98,506 gal	862.6 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
US Navy	Light-Duty	Biodiesel (20%)	211	75% of time	4,169 gal	38.2 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 24 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
US Navy	Light-Duty	CNG	1	100% of time	132 gal	0.2 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
US Navy	Light-Duty	E85	2,285	70% of time	170,529 gal	665.2 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 16 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Heavy-Duty	Propane	5	100% of time	13,275 gal	5.2 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 8 MPGde Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	CNG	1	85% of time	336 gal	0.4 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Virginia Commonwealth University	Light-Duty	E85	105	25% of time	6,633 gal	25.9 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 20 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	Propane	4	100% of time	1,539 gal	2.2 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 22 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						
Virginia Department of Environmental Quality	Light-Duty	Biodiesel (20%)	6	75% of time	356 gal	3.3 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 24 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						
Virginia Department of Environmental Quality	Light-Duty	E85	41	40% of time	5,693 gal	22.2 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 15 MPG Market: Government - State Vehicle type: Car Percentage from coalition: 74% National Clean Fleets Partnership: No						
Virginia Department of General Services	Light-Duty	CNG	4	100% of time	1,429 gal	1.9 tons
Miles traveled per vehicle: 11,048 mi Average vehicle fuel economy: 23 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
Virginia Department of General Services	Light-Duty	E85	3,410	25% of time	263,119 gal	1,026.4 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 17 MPG Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
Virginia Department of General Services	Light-Duty	Propane	8	85% of time	2,429 gal	3.4 tons
Miles traveled per vehicle: 11,048 mi Average vehicle fuel economy: 23 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Waste Industries - Chesapeake	Heavy-Duty	CNG	33	100% of time	161,125 gal	135.7 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Waste Management - Heavy-duty CNG	Heavy-Duty	CNG	49	416,480 GGE	374,832 gal	315.6 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Total:			47,175		26,116,932 gal	103,649 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Albemarle County	Light-Duty	HEV	20	4,071 gal	50.1 tons
Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Altria Client Services	Light-Duty	Electric	1	476 gal	2.5 tons
Miles traveled per vehicle per year: 11,048 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Altria Client Services	Light-Duty	HEV	114	12,523 gal	154.3 tons
Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Arlington County - Municipal	Light-Duty	Electric	2	952 gal	5.0 tons
Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Blue Ridge Parkway	Light-Duty	HEV	2	220 gal	2.7 tons
Average vehicle fuel economy: 30 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:					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Charlottesville Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	6	2,857 gal	14.9 tons
Charlottesville Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	47	5,163 gal	63.6 tons
City of Chesapeake Average vehicle fuel economy: 6 MPG Miles traveled per vehicle per year: 23,814 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	1	151 gal	1.9 tons
City of Chesapeake Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	2	969 gal	5.0 tons
City of Chesapeake Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	56	6,152 gal	75.8 tons
City of Manassas Average vehicle fuel economy: 15 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	8	13,271 gal	163.5 tons
City of Manassas Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	1	480 gal	2.5 tons
City of Manassas Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	9	950 gal	11.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Norfolk - Municipal Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	2	220 gal	2.7 tons
City of Richmond Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	3	330 gal	4.1 tons
City of Roanoke Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 85% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	17	2,185 gal	26.9 tons
City of Roanoke Municipal Miles traveled per vehicle per year: 11,287 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	12	6,329 gal	32.9 tons
College of William and Mary Miles traveled per vehicle per year: 11,048 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	13	6,191 gal	32.2 tons
Dominion Virginia Power Miles traveled per vehicle per year: 11,287 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	1	527 gal	2.7 tons
Dominion Virginia Power Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	45	6,804 gal	83.8 tons
Greater Richmond Transit Company Miles traveled per vehicle per year: 11,048 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	2	952 gal	5.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Groome Transportation 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:	Light-Duty	HEV	7	756 gal	9.3 tons
Hampton Roads Transit 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:	Heavy-Duty	HEV	37	291,316 gal	3,588.4 tons
James City County - Municipal Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	22	3,326 gal	41.0 tons
James Madison University Average vehicle fuel economy: 15 MPG Miles traveled per vehicle per year: 25,594 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	1	2,995 gal	36.9 tons
James Madison University Miles traveled per vehicle per year: 11,287 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	3	1,582 gal	8.2 tons
James Madison University Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,048 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	20	2,159 gal	26.6 tons
J Sergeant Reynolds Community College Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	2	952 gal	5.0 tons
J Sergeant Reynolds Community College Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	3	324 gal	4.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Norfolk Botanical Gardens	Light-Duty	Electric	18	8,572 gal	44.6 tons
Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Other Registered Electric Vehicles Virginia	Light-Duty	Electric	841	417,120 gal	2,168.0 tons
Miles traveled per vehicle per year: 10,614 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
<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>					
Other Registered Hybrid Electric Vehicles	Light-Duty	HEV	7,711	2,041,254 gal	25,143.6 tons
Average vehicle fuel economy: 48 MPG Miles traveled per vehicle per year: 11,788 mi Market: Commuters Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
<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>					
Other Register Plug-In Hybrid Electric Vehicles	Light-Duty	PHEV	412	113,890 gal	591.9 tons
Average vehicle fuel economy: 54 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:					
<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>					
Prince William County	Light-Duty	HEV	12	1,814 gal	22.3 tons
Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Rest of Virginia LDV HEV Fleets	Light-Duty	HEV	141	31,530 gal	388.4 tons
Average vehicle fuel economy: 45 MPG Miles traveled per vehicle per year: 10,614 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Spotsylvania County Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	1	151 gal	1.9 tons
University of Virginia - Transportation Miles traveled per vehicle per year: 11,287 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	2	1,055 gal	5.5 tons
University of Virginia - Transportation Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	3	454 gal	5.6 tons
US Air Force Miles traveled per vehicle per year: 11,287 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	2	264 gal	1.4 tons
US Air Force Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	1	38 gal	0.5 tons
US Navy Miles traveled per vehicle per year: 11,287 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	214	28,218 gal	146.7 tons
US Navy Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	255	9,639 gal	118.7 tons
Virginia Commonwealth University Miles traveled per vehicle per year: 11,287 mi Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	4	1,582 gal	8.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Virginia Commonwealth University Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	3	340 gal	4.2 tons
Virginia Department of Environmental Quality Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - State Vehicle type: Car Percentage from coalition: 74% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	6	468 gal	5.8 tons
Virginia Department of General Services Miles traveled per vehicle per year: 11,048 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	1	357 gal	1.9 tons
Virginia Department of General Services Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,048 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	28	2,267 gal	27.9 tons
Virginia Port Authority Average vehicle fuel economy: 15 MPG Miles traveled per vehicle per year: 25,594 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	3	8,984 gal	110.7 tons
Virginia Port Authority Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,287 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	2	302 gal	3.7 tons
Total:			10,119	3,043,483 gal	33,264 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Belmont Golf Course Fuel used: 50,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No	Recreational equipment	Alternative fuel or vehicles	Electric	61	4,245 gal	17.0 tons

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Chesapeake	Recreational equipment	Alternative fuel or vehicles	Electric	12	14 gal	0.1 tons
Fuel used: 160 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Segways</i>						
City of Norfolk	Forklifts	Alternative fuel or vehicles	Electric	2	951 gal	3.8 tons
Fuel used: 11,200 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Norfolk	Forklifts	Alternative fuel or vehicles	Propane	16	10,901 gal	4.3 tons
Fuel used: 16,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Roanoke	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	15	10,220 gal	4.0 tons
Fuel used: 15,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
College of William and Mary	Recreational equipment	Alternative fuel or vehicles	Electric	10	68 gal	0.3 tons
Fuel used: 800 kWh Percentage from coalition: 100% National Clean Fleets 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 <i>Segways</i>						
Harrisonburg Transit	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	1	531 gal	0.2 tons
Fuel used: 780 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Mower</i>						
James City County	Other	Alternative fuel or vehicles	Electric	5	68 gal	0.3 tons
Fuel used: 800 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
James Madison University	Recreational equipment	Alternative fuel or vehicles	Electric	5	8 gal	0.0 tons
Fuel used: 100 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Golf Carts</i>						
James Madison University	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	4	531 gal	0.2 tons
Fuel used: 780 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Norfolk Botanical Gardens	Recreational equipment	Alternative fuel or vehicles	Electric	39	68 gal	0.3 tons
Fuel used: 800 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Golf carts</i>						
Northumberland County Public Schools	Other	Alternative fuel or vehicles	Biodiesel (25%)	1	267 gal	2.3 tons
Fuel used: 1,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Shenandoah National Park	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	12	5,450 gal	2.1 tons
Fuel used: 8,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
US Lawns	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	16	5,450 gal	2.1 tons
Fuel used: 8,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach City Public Schools	Recreational equipment	Alternative fuel or vehicles	Electric	45	3,056 gal	12.2 tons
Fuel used: 36,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach City Public Schools	Forklifts	Alternative fuel or vehicles	Propane	2	1,499 gal	0.6 tons
Fuel used: 2,200 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	4	531 gal	0.2 tons
Fuel used: 780 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Mowers</i>						
Virginia Dominion Power	Forklifts	Alternative fuel or vehicles	Propane	36	20,439 gal	8.0 tons
Fuel used: 30,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Eagle Distributing	Forklifts	Alternative fuel or vehicles	Electric	30	85 gal	0.3 tons
Fuel used: 1,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Forklifts</i>						
Virginia Eagle Distributing	Forklifts	Alternative fuel or vehicles	Propane	4	1,363 gal	0.5 tons
Fuel used: 2,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Virginia Natural Gas	Forklifts	Alternative fuel or vehicles	Electric	2	68 gal	0.3 tons
Fuel used: 800 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				324	65,827 gal	59 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	425	75,000 mi	2,939,059 gal	36,444.9 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 <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:			425	75,000 mi	2,939,059 gal	36,445 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Total Virginia Green Fleet Bikes	Non-motorized locomotion (e.g., bicycles)	Light-Duty	1,680 gal	20.7 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 25 MPG Number of vehicles driven less: 70 VMT reduction per vehicle being driven less: 600 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>This represents fleet bikes used to replace car trips.</i>				
Total:			1,680 gal	21 tons

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
IdleAir	53	3,650 hrs/year	214,046 gal	2,288.0 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No				

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

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Albemarle County Public Schools	14	59 mins/day 365 days/year	0 gal/hr	2,224 gal	27.6 tons
Type of project: Direct-fire heater					
Type of vehicle: Heavy-Duty - Bus: School					
Percentage from coalition: 100%					
National Clean Fleets Partnership: No					
Virginia Beach Public Schools	10	59 mins/day 365 days/year	0 gal/hr	1,589 gal	19.7 tons
Type of project: Direct-fire heater					
Type of vehicle: Heavy-Duty - Bus: School					
Percentage from coalition: 100%					
National Clean Fleets Partnership: No					
Total:	24			3,812 gal	47 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	5	-
CNG - Compressed Natural Gas	0	-
E85 - 85% Ethanol	4	-
Electric Charging Outlets	89	-
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	1	-
Total:	99	0

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Energy Independence Summit	02/14/2017	Conference participation	25%	100
Technology: E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction				
Audience: General Public, Government, Private Fleets, Transit, Other				
Green Travel Association	02/16/2017	Conference participation	25%	100
Technology: E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Propane				
Audience: General Public, Government, Private Fleets, Transit, Utility, Other				
VA Grain and Soybean Conference	02/21/2017	Conference participation	10%	400
Technology: Biodiesel, E85				
Audience: General Public, Government, Private Fleets, Other				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Green Truck Show	03/14/2017	Conference participation	25%	1,000
Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Norfolk Stakeholder Meeting	03/21/2017	Meeting - Stakeholder	100%	40
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Environment Virginia Symposium	04/04/2017	Conference participation	25%	300
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Rally at the Raceway	04/06/2017	Workshop held by coalition	100%	150
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
National Climate March	04/29/2017	Meeting - Other	5%	200,000
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public, Other				
ACT Expo	05/01/2017, 05/02/2017, 05/03/2017, 05/04/2017	Conference participation	25%	100
Technology: Biodiesel, E85, Electric vehicles, Hydrogen, Natural gas vehicles Audience: General Public, Government, Private Fleets, Other <i>Spoke at event and served on planning committee</i>				
Altec Eco CNG Training	05/18/2017	Workshop held by coalition	75%	14
Technology: Natural gas vehicles Audience: Government, Private Fleets, Transit, Utility				
VA Transit Association Conference	05/23/2017	Conference participation	25%	200
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Private Fleets, Transit				
Pupil Transportation AFV Workshop	05/23/2017	Workshop held by coalition	75%	30
Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: Government, Private Fleets, Transit, Utility, Waste, Other				
Virginia Energy Conference	05/24/2017	Conference participation	25%	500
Technology: E85, Electric vehicles, Natural gas vehicles, Propane Audience: Airport, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
DOE Annual Merit Review	06/06/2017	Conference participation	25%	600
Technology: Hydrogen Audience: Government				
CNG NGV Road Rally	06/15/2017	Meeting - Other	75%	45
Technology: Natural gas vehicles Audience: General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Volkswagen Electrify America DC Area Kickoff	06/29/2017	Media Event	50%	30
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets, Transit, Utility, Other				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Valley Fourth Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public	07/04/2017	Meeting - Other	25%	3,000
Wasserhund Brewing Station Opening Technology: Electric vehicles Audience: General Public	07/09/2017	Media Event	100%	60
Red Wing Roots Music Festival Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public	07/14/2017, 07/15/2017, 07/16/2017	Conference participation	20%	5,000
Governor's Alt Fuel Vehicle Completion Announcement Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public, Government <i>Announcement for completion of 300 vehicle goal under McAuliffe administration in Virginia.</i>	07/26/2017	Media Event	100%	200
Midwest Green Fleet Forum & Expo Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, Private Fleets, Transit <i>VCC Moderated a session</i>	08/01/2017	Conference participation	40%	400
Resilient Virginia Conference Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: <i>VCC was also on conference planning committee</i>	08/01/2017	Conference participation	40%	300
National Drive Electric Week - Several Events Technology: Electric vehicles Audience: General Public, Government <i>Hosted and partnered on 8 events in Virginia for National Drive Electric Week.</i>	09/11/2017	Workshop held by coalition	100%	1,000
PERC Autogas Marketers Workshop Technology: Propane Audience: Utility, Other	09/12/2017	Workshop held by coalition	50%	30
Sustainable Fleet Technology Conference Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste	10/11/2017	Conference participation	30%	400
Climate Friendly Parks Workshop Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government	10/12/2017	Conference participation	100%	40
Virginia Solar Congress Technology: Electric vehicles Audience: General Public, Government, Utility	10/14/2017	Workshop held by coalition	60%	100

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Climate Action Alliance of the Valley Technology: E85 Audience: General Public	10/17/2017	Meeting - Stakeholder	100%	12
Henrico County Energy Fair Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane Audience: General Public, Government	10/27/2017	Conference participation	50%	400
HFC Nexus Website Webinar Technology: Hydrogen Audience: Other	11/07/2017	Meeting - Other	100%	50
Chesapeake CNG Station Opening Technology: Natural gas vehicles Audience: Government, Utility, Other Station Opening press event.	11/29/2017	Media Event	100%	100
Total:				214,701

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2017	Matching Funds Spent in 2017	Total Project Funding Spent in 2017
DOE Additional grant money added since start \$0 Additional matching funds added since start \$0 Length of grant: 3 Year grant began: 2015 Sources of the grant: Department of Energy Partners: Birch Studio, Breakthrough Technologies Incorporated Technologies: H2 - Hydrogen Purpose: Build Hydrogen and Fuel Cell Supply Chain Website	\$500,000	\$40,000	\$540,000	-	-	\$0
DOT Additional grant money added since start \$0 Additional matching funds added since start \$0 Length of grant: 9 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	\$9,000,000	\$0	\$9,000,000	\$0	-	\$0
EPA Length of grant: 3 Year grant began: 2015 Sources of the grant: Environmental Protection Agency Partners: Ideair, Richmond City, Roanoke City, Shorepower Technologies: CNG - Compressed Natural Gas, Electricity Purpose: Diesel Emission Reduction	\$829,954	\$1,458,211	\$2,288,165	-	-	\$0
Port of Virginia Additional grant money added since start \$0 Additional matching funds added since start \$0 Length of grant: 4 Year grant began: 2015 Sources of the grant: Congestion Mitigation and Air Quality Improvement (CMAQ) Program, Volkswagen Technologies: Fuel Economy Improvements Purpose: Port dray truck voluntary replacement program Green Operator.org	\$4,000,000	\$0	\$4,000,000	-	-	\$0
Total:	\$14,329,954	\$1,498,211	\$15,828,165	\$0	\$0	\$0